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Amax Geothermal Geochemical
Sample Forms, California & Nevada
1979 (W10935-W11202).

Nev. Counties. Churchill, Douglas, Esmeralda,
Eureka, Lander, Lyon, Mineral, Nye,
Pershing, Storey. Calif. Counties, Mono,
El Dorado, Lassen, Plumas, Sierra

7 ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10935 Date 7/21 Time 1500

Name McLeod Ranch Cold Art. well Location: Co. Nyo State Neu

Sec. 28 Twp. 13N R. 42E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5480 Quad. Millet Ranch

Sampler J.T. Sengula

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18°C DISCHARGE 10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH ?

ODOR none BORE 12"

FLUID COLOR _____ PUMP TYPE Art

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING no

BOILING _____ TYPE OF PIPING sided

VEGETATION _____ ARTESIAN HEAD yes

FLUID ISSUES FROM Art. well ROCK DATA:

TYPE (SURFACE) Quil

COLOR tan

GRAIN SIZE MEGASCOPIC MINERALS mg.

SALT:

TYPE _____ ALTERATION none

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA drinking

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Art well

PROPERTY OWNED BY Smokey Valley Ranches

PREVIOUS AND/OR CURRENT LEASES ?

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10936 Date 7/21 Time 1145

Name Charnock Band Warm Spring Location: Co. Nyo State Neu.

Sec. _____ Twp. 13 N R. 44 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5490 Quad. Carvers NE

Sampler AT Seifels

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23 (solar heated) DISCHARGE 20 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM gas ROCK DATA:

TYPE (SURFACE) gal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS ng -> 50µ

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

TYPE _____ RX TYPE (AT DEPTH) _____

QUANTITY _____ WATER USED FOR IMMEDIATE AREA USED FOR cat/ds

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Blm?

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F11



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10937 Date 2/21 Time 1400

Name Anderson Creek Cold Spring Location: Co. Nye State Nev-

Sec. _____ Twp. 12N R. 44E ; 1.5 km/mi SE of Moore's Creek Road

Lat. _____ Long. _____ Elevation 7050 Quad. Mount Jefferson

Sampler J. T. Seufels

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE 50 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS fg -> ag

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA caulds

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. creepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JSR6FB

open field

open field

open field



MIRKAL

open field
open field
open field
open field

open field
open field



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10938 Date 7/21 Time 1040

Name RO Ranch Cold well Location: Co. Nye State Nev

Sec. _____ Twp. 12N R. 43E ; 49 km(mi) south of Austin, Nev

Lat. _____ Long. _____ Elevation 5540 Quad. Cawena NW

Sampler J.T. Sanfelo

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15°C DISCHARGE 50 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 30°C DEPTH _____

ODOR no. BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Gal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg-

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR drinking

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY R.O. Lamb

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10939 Date 7/21 Time 955

Name 5494 Cold Artesian Well Location: Co. Nye State Nev

Sec. _____ Twp. 13W R. 43E ; 46 km/mi south of Austin, Nev

Lat. _____ Long. _____ Elevation 5494 Quad. Convers NW

Sampler A.T. Sample

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13 DISCHARGE 150 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 29 DEPTH _____

ODOR none BORE 12"

FLUID COLOR _____ PUMP TYPE none

FLUID TASTE _____ STATIC HEAD -

BUBBLING _____ SCALING -

BOILING _____ TYPE OF PIPING steel

VEGETATION grass ARTESIAN HEAD yes

FLUID ISSUES FROM Artesian well ROCK DATA:

TYPE (SURFACE) Gal

COLOR brn

GRAIN SIZE mg

MEGASCOPIC MINERALS _____

SALT:

TYPE _____ ALTERATION none

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR comb.

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian flow

PROPERTY OWNED BY Turb

PREVIOUS AND/OR CURRENT LEASES "

JS RB FIP



STIERE

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10940 Date 7/21 Time 930

Name Turks Ranch Cold Spring Location: Co. Nyo State Nev.

Sec. _____ Twp. 13N R. 43E ; 45 km(mi) South of Austin, Nev.

Lat. _____ Long. _____ Elevation 5485 Quad. Carver NW

Sampler J. T. Seifelt

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 29 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Gal ROCK DATA:

TYPE (SURFACE) Gal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA drinking

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Turks

PREVIOUS AND/OR CURRENT LEASES ?

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10941 Date 7/21 Time 1340

Name NW NE36 Cold Spring Location: Co. Nye State Nev

Sec. 36 Twp. 12N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6670 Quad. Mount Jefferson

Sampler J.T. Sanfey

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14 DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Dal ROCK DATA:

TYPE (SURFACE) Dal

COLOR brn

GRAIN SIZE mg

MEGASCOPIC MINERALS _____

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BDM?

PREVIOUS AND/OR CURRENT LEASES 0

JS RB F12





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10942 Date 7/21 Time 1600

Name 5498 Hot Spring Location: Co. Nyo State Nev

Sec. 34 Twp. 13 N R. 42 E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5498 Quad. M. Watt Ranch

Sampler J. T. Sample

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 55 DISCHARGE 3-7 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 37 DEPTH _____

ODOR none BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE mineral STATIC HEAD _____

BUBBLING yes SCALING _____

BOILING no TYPE OF PIPING _____

VEGETATION none ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE MEGASCOPIC MINERALS fg

SALT:

TYPE KCl

QUANTITY very minor (alkali flat)

COLOR white

FORM amorphous ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Sulf

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10943 Date 2/21 Time 1630

Name SW 20 Cold Spring Location: Co. Nyo State Neov.

Sec. 20 Twp. 13N R. 42E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5640 Quad. Mott Ranch

Sampler A.T. Sample

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18°C DISCHARGE 1-3 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE MEGASCOPIC MINERALS fg → mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cast

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w seepage

PROPERTY OWNED BY BDM ?

PREVIOUS AND/OR CURRENT LEASES ?

IS R6 F14

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10944 Date 7/21 Time 1700

Name NW 10 Cold well Location: Co. Wye State Neu

Sec. 10 Twp. 14N R. 43E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5545 Quad. Millet Ranch

Sampler A.T. Luffe

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 20-50 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR none BORE 6"

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel, copper

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Gal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS ng -> fg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA drinking

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Twist Ranch

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10945 Date 7/22/77 Time 1230

Name Hol Springs Park H.S. Location: Co. Lander State Nev.

Sec. - Twp. 24N R. 47E; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5660 Quad. Walki Hol Springs (15')

Sampler RBates

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 57° DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING yes SCALING _____

BOILING no TYPE OF PIPING _____

VEGETATION low dense, per grass ARTESIAN HEAD _____

FLUID ISSUES FROM inhibitor or ROCK DATA:

rally floor TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE yes

QUANTITY Major

COLOR White

FORM Amorphous ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

No picture



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10946 Date 7/22/77 Time 1500
 Name Rye Patch W.S. Location: Co. Esmeralda State Nevada
 Sec. 2 Twp. 24N R. 48E ; _____ km/mi _____ of _____
 Lat. _____ Long. _____ Elevation 6000 Quad. Waltz Hot Springs (15')
 Sampler RBaker
 Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter,
 travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>20°C</u>	DISCHARGE	<u>20-25</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>0</u>	BORE	_____
FLUID COLOR	<u>0</u>	PUMP TYPE	_____
FLUID TASTE	<u>0</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>0</u>	TYPE OF PIPING	_____
VEGETATION	<u>30m grass</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>base of</u>	ROCK DATA:	
<u>mountain range</u>		TYPE (SURFACE)	<u>Q.e</u>
		COLOR	_____

SALT:

TYPE	<u>0</u>	GRAIN SIZE	_____
QUANTITY	_____	MEGASCOPIC	_____
COLOR	_____	MINERALS	_____
FORM	_____	ALTERATION	<u>0</u>

SINTER:

		RX TYPE (AT DEPTH)	_____
TYPE	<u>0</u>	WATER USED FOR	_____
QUANTITY	_____	IMMEDIATE AREA	_____
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE: EXC., GOOD, POOR	<u>GOOD</u>

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow
 PROPERTY OWNED BY _____
 PREVIOUS AND/OR CURRENT LEASES No fracture



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10947 Date 7/21 Time 1100

Name Meadow Cr Cold Well Location: Co. Nye State Nev

Sec. — Twp. 10 N R. 46 E ; 1.3 km/m South of T10N & T11N Line
West of R46E & R47E Line

Lat. — Long. — Elevation 6890 Quad. Barley Creek

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 9° DISCHARGE 5° gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 26° DEPTH —

ODOR None BORE 12"

FLUID COLOR Clear PUMP TYPE Windmill

FLUID TASTE None STATIC HEAD —

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD —

FLUID ISSUES FROM Windmill ROCK DATA:

TYPE (SURFACE) oral

COLOR _____

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pop

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES —

No Picture



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10948 Date 7/21 Time 1030
 Name NW NE 36 Cold Well Location: Co. Nye State Nev
 Sec. 36 Twp. 11N R. 46E ; _____ km/mi _____ of _____
 Lat. _____ Long. _____ Elevation 6865 Quad. Mosquito creek
 Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>11°</u>	DISCHARGE	<u>2-3</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>26°</u>	DEPTH	<u>—</u>
ODOR	<u>None</u>	BORE	<u>20"</u>
FLUID COLOR	<u>Clear</u>	PUMP TYPE	<u>Windmill</u>
FLUID TASTE	<u>None</u>	STATIC HEAD	<u>—</u>
BUBBLING	<u>No</u>	SCALING	<u>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>—</u>
FLUID ISSUES FROM	<u>Windmill</u>	ROCK DATA:	

		TYPE (SURFACE)	<u>Gal</u>
		COLOR	<u> </u>
<u>SALT:</u>		GRAIN SIZE MEGASCOPIC MINERALS	<u> </u>
TYPE	<u>None</u>		
QUANTITY	<u> </u>		
COLOR	<u> </u>		
FORM	<u> </u>	ALTERATION	<u> </u>

<u>SINTER:</u>		RX TYPE (AT DEPTH)	
TYPE	<u>None</u>	WATER USED FOR IMMEDIATE AREA	<u>Cattle</u>
QUANTITY	<u> </u>	USED FOR	<u>Grazing</u>
COLOR	<u> </u>		
FORM	<u> </u>	QUALITY OF SAMPLE: EXG., GOOD, POOR	<u>EXG.</u>

PROBABLE CAUSE OF MANIFESTATION Well & Pump
 PROPERTY OWNED BY BLM
 PREVIOUS AND/OR CURRENT LEASES —

BW-R4-F31



WINDMILL

1917

1918

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10949 Date 7/21 Time 1430

Name Byers Ranch CS Location: Co. Churchill State Nev.

NW NW Sec. 9 Twp. 20N R. 38E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5140 Quad. Edwards Creek Valley 15'

Sampler Dallan Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13 DISCHARGE 35 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION clover ARTESIAN HEAD _____

FLUID ISSUES FROM alluvium ROCK DATA:

TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE _____

TYPE - MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F26



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10950 Date 7/21 Time 1645

Name SWSW 18 CS Location: Co. Churchill State Nev.

SWSW Sec. 18 Twp. 21N R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5120 Quad. Adwards Creek Valley 15

Sampler Dallan Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 1 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - / _____ STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE _____

TYPE - MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F27



1952
10/20/52
10/20/52

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10951 Date 7/21 Time 1600

Name SESE 22 WNW Location: Co. Churchill State Nev.

SESE Sec. 22 Twp. 21N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5270 Quad. Edwards Creek Valley 15'

Sampler Dallam Masters

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 25* DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR _____ BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD yes

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE

TYPE _____ MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR drinking

QUANTITY _____ IMMEDIATE AREA USED FOR mining

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture * water sampled had been backed up in pipes - well was turned off

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10952 Date 7/21 Time 1330

Name SESE 12 CW Location: Co. Churchill State Nev.

SESE Sec. 12 Twp. 19N R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5230 Quad. Clan Alpine Ranch 15'

Sampler Dallan Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17° DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE - MEGASCOPIIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA irrigation

QUANTITY _____ USED FOR farming

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10953 Date 7/27 Time 1830

Name SENE IS CW Location: Co. Lander State nev.

SENE Sec. 15 Twp. 24N R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4984 Quad. Gilbert Creek NW 7 1/2'

Sampler D. Masterson

Sample Type: Spring (with pipe), well ^{irrigation} (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 170 DISCHARGE — gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR — BORE _____

FLUID COLOR — PUMP TYPE diesel

FLUID TASTE — STATIC HEAD _____

BUBBLING — SCALING _____

BOILING — TYPE OF PIPING _____

VEGETATION — ARTESIAN HEAD no

FLUID ISSUES FROM pump ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE —

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE — WATER USED FOR IMMEDIATE AREA USED FOR irrigation

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10954 Date 7/22 Time 1500

Name Dagan Ranch Warm Spring Location: Co. Nye State Nev

NE, NW Sec. 25 Twp. 8N R. 49E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5920 Quad. Morey Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 31° DISCHARGE 15-20 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 32° DEPTH _____

ODOR mild H₂S BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE mild sulfur STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION green algae ARTESIAN HEAD _____

FLUID ISSUES FROM Spring on S. ROCK DATA:

side of Road TYPE (SURFACE) dal

COLOR _____

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA Cattle & Pond

QUANTITY _____ USED FOR Grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION E-W Fault zone

PROPERTY OWNED BY Private?

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F1





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10955 Date 7/22 Time 1230

Name Upper Warm Spring Location: Co. Nye State Nev

SE, SW Sec. 21 Twp. 8N R. 49E ; km/mi - of -

Lat. - Long. - Elevation 6160 Quad. Morey Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 35° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 29° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING Minor CO2 SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Green algae & Grasses ARTESIAN HEAD _____

FLUID ISSUES FROM Sinkhole on ROCK DATA:

North side of Road TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR Cattle Grazing

COLOR _____

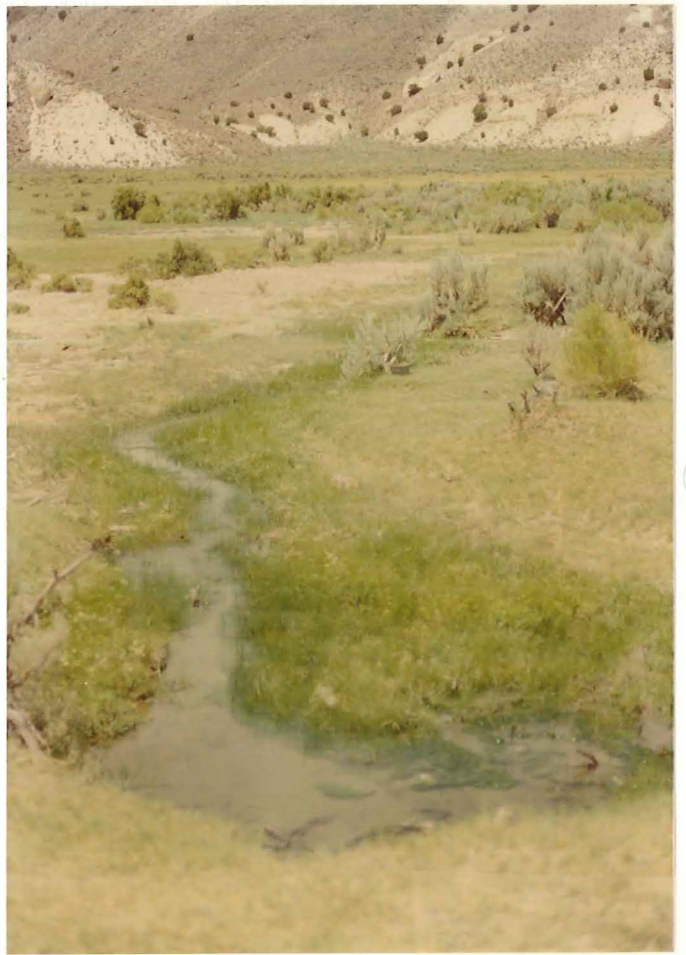
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible E-W Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F35



1980

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. _____ Sample No. W10956 Date 7/22 Time 1730

Name Little Fish Lake Ranch cold well Location: Co. Nye State Nev

NW, SW Sec. 11 Twp. 10N R. 49E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6560 Quad. Morey Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 10° DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 26° DEPTH —

ODOR None BORE 6"

FLUID COLOR clear PUMP TYPE Windmill

FLUID TASTE None STATIC HEAD —

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Galvanized Steel

VEGETATION None ARTESIAN HEAD —

FLUID ISSUES FROM Windmill S.W. ROCK DATA:

of House TYPE (SURFACE) oal

COLOR _____

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR Residential & livestock

QUANTITY _____ IMMEDIATE AREA USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pipe

PROPERTY OWNED BY Little Fish Lake Ranch

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F3



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10957 Date 7/00 Time 1630
 Name SE SE 14 Hot Spr. Location: Co. Nye State Nev
 Sec. 14 Twp. 10N R. 49E ; km/mi _____ of _____
 Lat. _____ Long. _____ Elevation 6520 Quad. Murray Peak
 Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 40° DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 26° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING Moderate CO2 SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Brown Algae ARTESIAN HEAD _____

FLUID ISSUES FROM Sinkhole .5 ROCK DATA:

in E. of South end TYPE (SURFACE) Gal

of Upper Fish Lake COLOR _____

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION N-S Fault System

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F2





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10958 Date 7/22 Time 1320

Name Paye Cold Spr. Location: Co. Nye State Nev

SW, NW Sec. 22 Twp. 8N R. 49E ; km/mi - of -

Lat. - Long. - Elevation 6160 Quad. Morey Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12° DISCHARGE <1 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 28° DEPTH _____

ODOR None BORE _____

FLUID COLOR Clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Green algae ARTESIAN HEAD _____

FLUID ISSUES FROM Spring at ROCK DATA:

Base of Rock Cliffs TYPE (SURFACE) Seyonite

COLOR white

SALT: GRAIN SIZE Fine

TYPE None MEGASCOPIC MINERALS Quartz

QUANTITY _____ Biotite

COLOR _____ Amphibole

FORM _____ ALTERATION Fe-staining

SINTER: RX TYPE (AT DEPTH) -

TYPE None WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR Grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible E-W Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F37





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10959 Date 7/22 Time 1715

Name Little Fish Lake Ranch Cold Spr Location: Co. Nye State Nev

SW, NW

Sec. 11 Twp. 10 N R. 49 E ; km/mi - of -

Lat. - Long. - Elevation 6520 Quad. Morey Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 26° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Grass ARTESIAN HEAD _____

FLUID ISSUES FROM Spring 200' ROCK DATA:

East of House TYPE (SURFACE) Sal

COLOR _____

SALT: GRAIN SIZE _____

TYPE No MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR Livestock

QUANTITY _____ IMMEDIATE AREA USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY Fish Lake Ranch

PREVIOUS AND/OR CURRENT LEASES -

No Picture



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10960 Date 7/22 Time 1800

Name Fish Warm Spring Location: Co. Nye State Nev

NW, NE Sec. 7 Twp. 11N R. 50E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6640 Quad. Fish Sprs.

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 19° partial solar heating DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 20° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Grasses ARTESIAN HEAD _____

FLUID ISSUES FROM Small Pond ROCK DATA:

on East side of Valley TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

BW-R5-F4





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10961 Date 7/22 Time 1200

Name Page Warm Spring Location: Co. Nye State Nev.

^{PWJNW} Sec. 28 Twp. 8N R. 49E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6160 Quad. Money Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22° Solar Heated DISCHARGE 41 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 24° DEPTH _____

ODOR None BORE _____

FLUID COLOR smoky PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Green algae ARTESIAN HEAD _____

FLUID ISSUES FROM Spring at ROCK DATA:

S. edge of Valley TYPE (SURFACE) Siltstone

COLOR White

SALT: GRAIN SIZE Fine

TYPE None MEGASCOPIC MINERALS Quartz

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA -0-

QUANTITY _____ USED FOR -0-

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible E-W Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BR-R4-F24





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10962 Date 7/20 Time 1245

Name Pat Warm Spring Location: Co. Nye State Nev

NE, SE Sec. 21 Twp. 8N R. 49E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6160 Quad. Morey Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 25° DISCHARGE 10-15 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 30° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Green algae & mosses ARTESIAN HEAD _____

FLUID ISSUES FROM Spring on S. ROCK DATA:

Side of Road TYPE (SURFACE) Rhyolite

COLOR White on fresh surface

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIC MINERALS Quartz

QUANTITY _____ K-Feldspar

COLOR _____

FORM _____ ALTERATION -

SINTER: RX TYPE (AT DEPTH) -

TYPE None WATER USED FOR Cattle

QUANTITY _____ IMMEDIATE AREA USED FOR Brazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION E-W Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F36





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10963 Date 7/23 Time 1220

Name Hay Ranch Cold Spring Location: Co. Eureka State Nev

Sec. 20 Twp. 19N R. 58E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6032 Quad. Whistler Mtn

Sampler NT Sample

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17°C DISCHARGE 1-3 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA castles

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

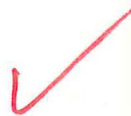
PROPERTY OWNED BY private

PREVIOUS AND/OR CURRENT LEASES 8

55 R6 F20

Faint, illegible text, possibly bleed-through from the reverse side of the page. The text is arranged in several paragraphs and appears to be a letter or a report. Some words are difficult to discern but seem to include "Dear", "I", "the", "of", "and", "with", "you", "is", "are", "was", "were", "has", "have", "had", "do", "does", "did", "will", "would", "could", "should", "may", "might", "must", "shall", "should", "ought", "used", "was", "were", "is", "are", "was", "were", "has", "have", "had", "do", "does", "did", "will", "would", "could", "should", "may", "might", "must", "shall", "should", "ought", "used".





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10964 Date 7/23 Time 1400

Name Mud Cold Spring Location: Co. Evans State New

Sec. _____ Twp. 20N R. 50E ; 2 km/mi NW of Lone Mtn

Lat. _____ Long. _____ Elevation 6136 Quad. Bartine Ranch

Sampler AT Sample

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12°C DISCHARGE 0.5-1.0 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 32 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION grass ARTESIAN HEAD slightly

FLUID ISSUES FROM pipe in Dal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS fg - mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA catdo

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F21





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10965 Date 7/23 Time 1600

Name NW 18 Warm Spring Location: Co. Eureka State Nev.

Sec. 18 Twp. 19N R. 49E; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6115 Quad. Bartine Ranch

Sampler QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20 DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31 DEPTH _____

ODOR minor sulfur BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grasses ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → f.g.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w seepage

PROPERTY OWNED BY Blm?

PREVIOUS AND/OR CURRENT LEASES ?

JSR/TSB



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10966 Date 7/22 Time 1600

Name Reese River Location: Co. Lander State Nev

Sec. 11 Twp. 18N R. 42E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5740 Quad. Austen

Sampler J. T. Siefert

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 26°C* DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR _____ BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → fig

SALT:

TYPE _____ ALTERATION none

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____ RX TYPE (AT DEPTH) _____

QUANTITY _____ WATER USED FOR IMMEDIATE AREA USED FOR cattle

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

denied access to springs feeding Reese River JS R6 F16





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10967 Date 7/23 Time 1530

Name NE 18 Cold Spring Location: Co. Emata State New

Sec. 18 Twp. 19N R. 49E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6115 Quad. Bardne Ranch

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE 2-5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31°C DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA can be

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION gwd seepage

PROPERTY OWNED BY Bemi?

PREVIOUS AND/OR CURRENT LEASES ?

JSR6F25





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10968 Date 7/23 Time 1230

Name Bartine Ranch Cold Art. well Location: Co. Emery State _____

Sec. 17 Twp. 19 N R. 49 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6095 Quad. Bartine Ranch

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 30 DEPTH _____

ODOR none BORE 10"

FLUID COLOR _____ PUMP TYPE -

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD yes

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Qal

COLOR br

GRAIN SIZE MEGASCOPIC MINERALS ng

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION -

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA carbo

QUANTITY _____ USED FOR _____

COLOR _____

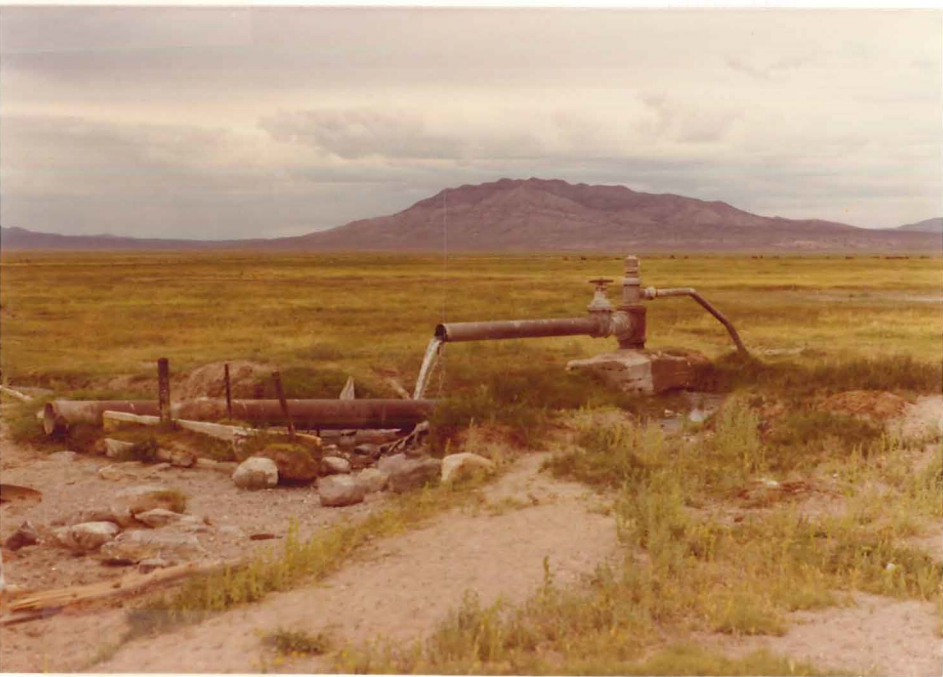
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION art. well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F27



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10969 Date 7/23 Time 1140

Name NE 8 Coldwell Location: Co. Eureka State Neu.

Sec. 8 Twp. 19N R. 52E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6090 Quad. Whistler Mtn

Sampler AT Leifto

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13°C DISCHARGE 1200 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 32 DEPTH _____

ODOR none BORE 12"

FLUID COLOR _____ PUMP TYPE above ground electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS fg → mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA irrigation

QUANTITY _____ USED FOR _____

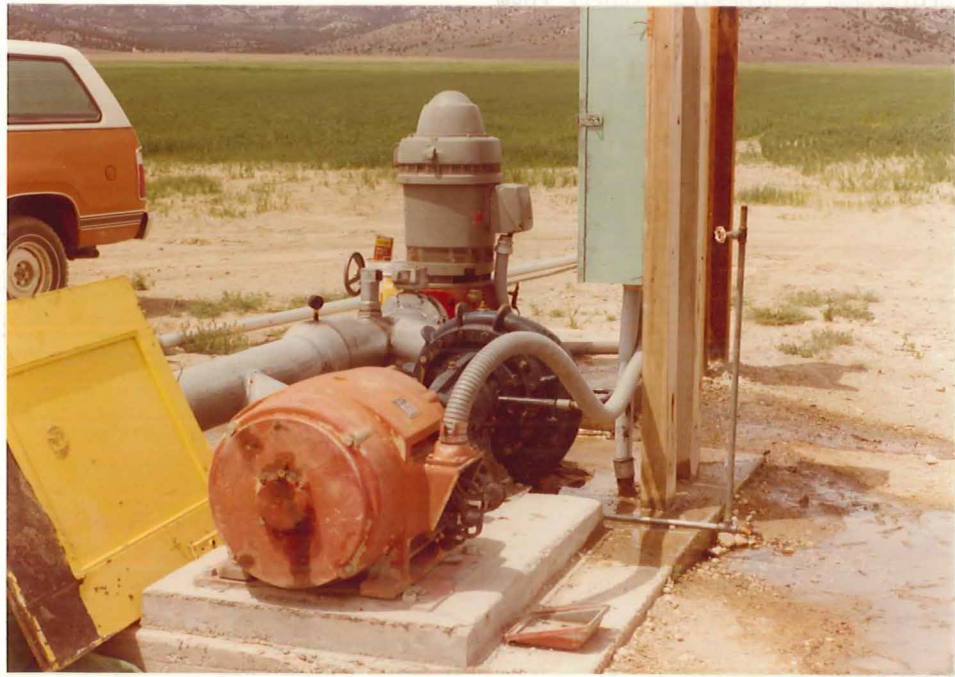
COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY private

PREVIOUS AND/OR CURRENT LEASES ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10970 Date 7/23 Time 1500

Name NE 5 Hot Spring Location: Co. Lincoln State Neu.

Sec. 5 Twp. 19N R. 49E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6175 Quad. Barbours Ranch

Sampler J.T.S

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 43°C DISCHARGE 2-10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31 DEPTH _____

ODOR - BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE mineral STATIC HEAD _____

BUBBLING min SCALING _____

BOILING no TYPE OF PIPING _____

VEGETATION none ARTESIAN HEAD _____

FLUID ISSUES FROM Gal ROCK DATA:

TYPE (SURFACE) Gal

COLOR blue

GRAIN SIZE MEGASCOPIC MINERALS ng

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE Travertine WATER USED FOR IMMEDIATE AREA _____

QUANTITY ancient deposits (large) USED FOR _____

COLOR white

FORM amorphous QUALITY OF SAMPLE: EXC., GOOD, POOR

Sampled

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BEM?

PREVIOUS AND/OR CURRENT LEASES ?



ARTESIAN WELL

NOT A WELL

EDWARDS COUNTY



WELL, EDWARDS COUNTY

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10971 Date 7/22 Time 1135

Name NE 22 Cold Spring Location: Co. Nye State Nev

Sec. 22 Twp. 14N R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5550 Quad. Mullett Ranch

Sampler _____ AT Lafite

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 24°C* DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR H₂S BORE _____

FLUID COLOR yellow PUMP TYPE _____

FLUID TASTE none STATIC HEAD _____

BUBBLING no SCALING _____

BOILING | TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE MEGASCOPIC MINERALS mg → fig.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

TYPE _____ RX TYPE (AT DEPTH) _____

QUANTITY _____ WATER USED FOR IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

JS R6 F15



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. _____ Sample No. W10972 Date 7/28/77 Time 0945

Name Wahki Canyon c.s. Location: Co. Hardey State Nev.

NESR

Sec. 27 Twp. 20N R. 77E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6680 Quad. Ackerman Canyon (15')

Sampler R. BATRA

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15.5°C DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION yellow algae / ferns ARTESIAN HEAD _____

FLUID ISSUES FROM font in block ROCK DATA:

limestone TYPE (SURFACE) Dal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

FDR3 F14



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10973 Date 7/28/77 Time 1100

Name Ferguson Ranch CW. Location: Co. Lander State Nev.

NESW

Sec. 10 Twp. 21N R. 48E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6600 Quad. Ackerman Canyon (15')

Sampler F. Dellarchaie

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13.5° DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE 6"

FLUID COLOR 0 PUMP TYPE Gas

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING 0

BOILING 0 TYPE OF PIPING Iron tubing

VEGETATION 0 ARTESIAN HEAD No

FLUID ISSUES FROM Gas Pump Well ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIIC MINERALS

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

FDR3 F15

Don Smith
Santa Fe Ranch, Box 36
Eureka, Nev. 89316



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10974 Date 7/23/77 Time 1200
Name Santa Fe Ranch o.s. Location: Co. Eureka State Nevada
Sec. NWNE 36 Twp. 22N R. 48E ; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation 6476 Quad. Ackerman Canyon
Sampler R. BATRA & F. Dellechiaie

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16^o * DISCHARGE 10 (gpm)/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP.	<u>0</u>	DEPTH	_____
ODOR	<u>0</u>	BORE	_____
FLUID COLOR	<u>0</u>	PUMP TYPE	_____
FLUID TASTE	<u>0</u>	STATIC HEAD	_____
BUBBLING	<u>0</u>	SCALING	_____
BOILING	<u>0</u>	TYPE OF PIPING	_____
VEGETATION	<u>0</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM sink hole on ROCK DATA: _____
valley floor TYPE (SURFACE) Qal
COLOR _____

SALT: _____ GRAIN SIZE _____
TYPE 0 MEGASCOPIC _____
MINERALS _____
QUANTITY _____
COLOR _____
FORM _____ ALTERATION 0

SINTER: _____ RX TYPE (AT DEPTH) _____
TYPE 0 WATER USED FOR _____
QUANTITY _____ IMMEDIATE AREA _____
USED FOR _____
COLOR _____
FORM _____ QUALITY OF SAMPLE: GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow
PROPERTY OWNED BY Don Smith, TH.

PREVIOUS AND/OR CURRENT LEASES NO
no picture *water flows under ground via pipe for 20 ft inc
maybe slightly solar heated.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10975 Date 7/23 Time 1300

Name Ardona Ranch Warm Spring Location: Co. Eureka State Nev

NE, NW Sec. 30 Twp. J7N R. 50E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6800 Quad. Antelope Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23° solar Heated DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 29° DEPTH _____

ODOR None BORE _____

FLUID COLOR Clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Grasses ARTESIAN HEAD _____

FLUID ISSUES FROM Spring south ROCK DATA:

of House TYPE (SURFACE) ool

COLOR _____

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY Cureka Ranches

PREVIOUS AND/OR CURRENT LEASES -

BW-RS-F11

✓

DATE: _____
 LOCATION: _____
 TIME: _____
 WEATHER: _____
 WIND: _____
 TEMPERATURE: _____
 HIGHER TEMPERATURE: _____
 LOWER TEMPERATURE: _____
 WIND DIRECTION: _____
 WIND VELOCITY: _____
 MOON: _____
 CLOUDS: _____
 VISIBILITY: _____
 STATE: _____
 COUNTY: _____
 TOWNSHIP: _____
 RANGE: _____
 SECTION: _____
 QUARTER: _____
 CORNER: _____
 DISTANCE: _____
 BEARING: _____
 AREA: _____
 COMMENTS: _____



DISTANCE: _____
 BEARING: _____
 AREA: _____
 COMMENTS: _____
 DATE: _____
 LOCATION: _____
 TIME: _____
 WEATHER: _____
 WIND: _____
 TEMPERATURE: _____
 HIGHER TEMPERATURE: _____
 LOWER TEMPERATURE: _____
 WIND DIRECTION: _____
 WIND VELOCITY: _____
 MOON: _____
 CLOUDS: _____
 VISIBILITY: _____
 STATE: _____
 COUNTY: _____
 TOWNSHIP: _____
 RANGE: _____
 SECTION: _____
 QUARTER: _____
 CORNER: _____
 DISTANCE: _____
 BEARING: _____
 AREA: _____
 COMMENTS: _____

J

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10976 Date 7/23 Time 1145

Name 18 Warm Artesian Well Location: Co. Eschka State Neu.

SW, SW, SW

Sec. 18 Twp. 18N R. S1E; km/mi - of -

Lat. - Long. - Elevation 6160 Quad. Antelope Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23° DISCHARGE 10 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 28° DEPTH -

ODOR None BORE 10"

FLUID COLOR clear PUMP TYPE Artesian

FLUID TASTE None STATIC HEAD Flowing

BUBBLING No SCALING Brown algae

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD Flowing

FLUID ISSUES FROM Artesian Well ROCK DATA:

TYPE (SURFACE) Dal

COLOR _____

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR Grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Artesian System

PROPERTY OWNED BY Eschka Ranch Co.

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F/0





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10977 Date 7/23 Time 1410

Name Sullivan Cold Spring Location: Co. Emery State Nev

NE, NW Sec. 31 Twp. 17N R. 50E; _____ km/mi _____ of _____

Lat. — Long. — Elevation 6840 Quad. Antelope Peak

Sampler Bob Williams

Sample Type: (Spring with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16° DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP.	_____	DEPTH	_____
ODOR	<u>None</u>	BORE	_____
FLUID COLOR	<u>Clear</u>	PUMP TYPE	_____
FLUID TASTE	<u>None</u>	STATIC HEAD	_____
BUBBLING	<u>No</u>	SCALING	_____
BOILING	<u>No</u>	TYPE OF PIPING	_____
VEGETATION	<u>Blosses & Green algae</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM Spring above ROCK DATA:

water trough TYPE (SURFACE) ool

COLOR _____

SALT:

TYPE No GRAIN SIZE _____

QUANTITY _____ MEGASCOPIC _____

COLOR _____ MINERALS _____

FORM _____ ALTERATION _____

SINTER:

TYPE No RX TYPE (AT DEPTH) _____

QUANTITY _____ WATER USED FOR Cattle

COLOR _____ IMMEDIATE AREA _____

FORM _____ USED FOR Grazing

QUALITY OF SAMPLE: EXC., GOOD, (POOR)

PROBABLE CAUSE OF MANIFESTATION Natural groundwater seepage

PROPERTY OWNED BY Emery Ranches

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F12



CHARGE

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10978 Date 7/23 Time 1030

Name Hot Springs Ranch Hot Spring Location: Co. Eureka State New

^{Nw, Sw} Sec. 28 Twp. 18N R. 50E ; km/mi - of -

Lat. - Long. - Elevation 6340 Quad. Antelope Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 64° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 27° DEPTH -

ODOR None BORE 10"

FLUID COLOR Clear PUMP TYPE -

FLUID TASTE None STATIC HEAD Surface

BUBBLING Minor CO₂ SCALING KCl & algae

BOILING No TYPE OF PIPING Steel

VEGETATION Brown algae ARTESIAN HEAD -

FLUID ISSUES FROM sinkhole & ROCK DATA:

well casing on East TYPE (SURFACE) ool

side of Road COLOR _____

SALT: TYPE KCl GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY Minor

COLOR white

FORM Amorphous ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible N-S Fault

PROPERTY OWNED BY Eureka Ranch Co.

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F8





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10979 Date 7/23 Time 1115

Name 30 Warm Artesian Well Location: Co. Eureka State Nev

SW, NW

Sec. 30 Twp. 18N R. 51E ; - km/mi - of -

Lat. - Long. - Elevation 6200 Quad. Antelope Peak

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22° DISCHARGE 150-200 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 26° DEPTH -

ODOR None BORE 10"

FLUID COLOR Clear PUMP TYPE Flowing Artesian

FLUID TASTE None STATIC HEAD Flowing

BUBBLING No SCALING Black-Brown algae

BOILING No TYPE OF PIPING Steel

VEGETATION Green Algae ARTESIAN HEAD Flowing

FLUID ISSUES FROM Artesian well ROCK DATA:

TYPE (SURFACE) Quartz

COLOR _____

SALT: TYPE No GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR Grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Artesian Flow

PROPERTY OWNED BY Eureka Ranch Co

PREVIOUS AND/OR CURRENT LEASES _____

BW-R5-F9

The following is a list of the names of the persons who have been
 named in the will of the late John A. Smith, deceased, as
 beneficiaries of the same, together with the amount of the
 share of each, as determined by the court in its final
 decree in the matter of the estate of the said John A. Smith,
 deceased, and as the same appears from the records of the
 court in the said matter.

Name of Beneficiary	Amount of Share
John A. Smith, Jr.	\$10,000.00
John A. Smith, Sr.	\$5,000.00
John A. Smith, III	\$5,000.00
John A. Smith, IV	\$5,000.00
John A. Smith, V	\$5,000.00
John A. Smith, VI	\$5,000.00
John A. Smith, VII	\$5,000.00
John A. Smith, VIII	\$5,000.00
John A. Smith, IX	\$5,000.00
John A. Smith, X	\$5,000.00
John A. Smith, XI	\$5,000.00
John A. Smith, XII	\$5,000.00
John A. Smith, XIII	\$5,000.00
John A. Smith, XIV	\$5,000.00
John A. Smith, XV	\$5,000.00
John A. Smith, XVI	\$5,000.00
John A. Smith, XVII	\$5,000.00
John A. Smith, XVIII	\$5,000.00
John A. Smith, XIX	\$5,000.00
John A. Smith, XX	\$5,000.00



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10980 Date 7/23 Time 1345

Name NESE 27 CW Location: Co. Lander State Nev.

NESE Sec. 27 Twp. 24N R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5208 Quad. Manhattan Mtn. NE 7 1/2

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16 DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR - BORE _____

FLUID COLOR brownish due to pipe rust PUMP TYPE windmill

FLUID TASTE salty STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE _____ MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR cattle ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION -

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F33



Rock Samples (from mine area)

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10981 Date 7/23 Time 1730

Name McCoy HW Location: Co. Churchill State nev.

Sec. - Twp. 23N R. 40E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4940 Quad. Gilbert Creek SW 7 1/2'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

110°F WATER TEMP. °C 39 DISCHARGE - gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH 180' to H₂O

ODOR - BORE 1 1/2"

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING no

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM pipe in wash below mine ROCK DATA:

TYPE (SURFACE) limestones

COLOR gray to blue

GRAIN SIZE MEGASCOPIIC MINERALS cinnebar

SALT:

TYPE -

QUANTITY _____

COLOR _____

FORM _____ ALTERATION yes - HT alteration to clays

SINTER:

RX TYPE (AT DEPTH) limestone

TYPE - WATER USED FOR IMMEDIATE AREA drinking

QUANTITY _____ USED FOR mercury mine

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Monte Lloyd

PREVIOUS AND/OR CURRENT LEASES none

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10982 Date 7/23 Time 1000

Name 5429 WW Location: Co. Lander State Nev.

Sec. - Twp. 22N R. 43E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Manhattan Mon. 7 1/2'

Sampler Dallan Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 32 DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR - BORE 3"

FLUID COLOR - PUMP TYPE -

FLUID TASTE - STATIC HEAD -

BUBBLING - SCALING -

BOILING - TYPE OF PIPING steel

VEGETATION green, brown algae ARTESIAN HEAD yes

FLUID ISSUES FROM pipe E of ROCK DATA:

intermittant stream bed TYPE (SURFACE) Qal

COLOR _____

SALT:

TYPE - GRAIN SIZE _____

QUANTITY _____ MEGASCOPIC _____

COLOR _____ MINERALS _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR grazing

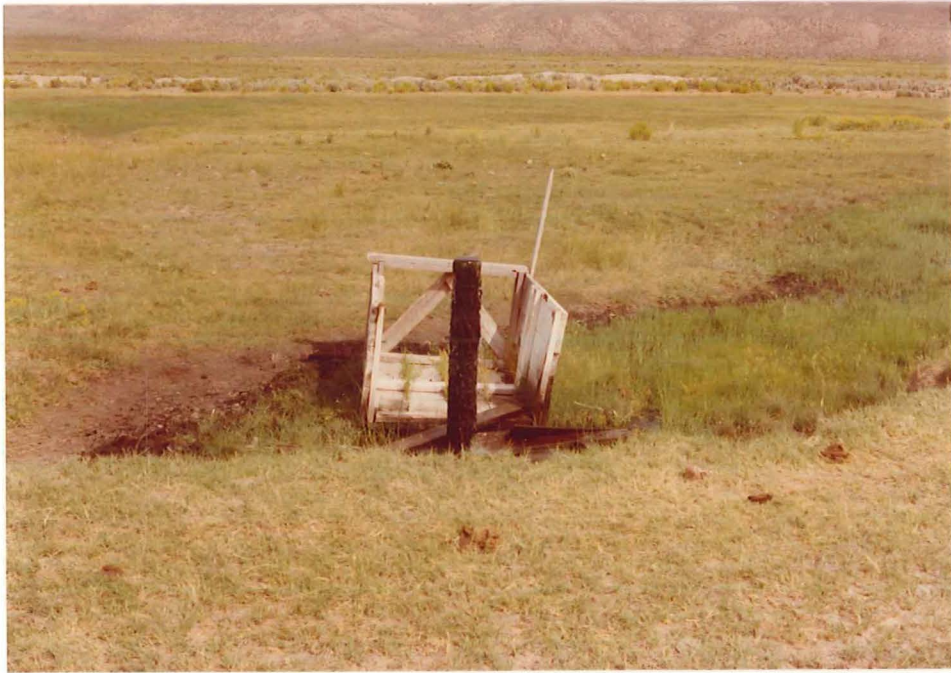
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION unknown

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F32



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10983 Date 7/23 Time 1545

Name Cain CIS Location: Co. Lander State Nev.

SW Sec. 5 Twp. 24N R. 40E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5480 Quad. Shoshone Meadows 15'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 25 @ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION clover ARTESIAN HEAD _____

FLUID ISSUES FROM limestone ROCK DATA:

on E flank of TYPE (SURFACE) limestone

Augusta Mtns. COLOR gray

SALT: GRAIN SIZE very fine

TYPE - MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION -

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F34



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10984 Date 7/23 Time 1445

Name SESE9 CW Location: Co. Lander State Nev.

SESE Sec. 9 Twp. 25N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Mt. Moses 15'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14 DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA: _____

AIR TEMP. _____ DEPTH ?

ODOR - BORE _____

FLUID COLOR - PUMP TYPE diesel

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA: _____

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE _____ MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA irrigation

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ? pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10985 Date 7/23 Time 930

Name W of 8A WS Location: Co. Lander State Nev

Sec. - Twp. 22N R. 43E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Manhattan Mtn. 7 1/2'

Sampler Dallon Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM road seep. W of ROCK DATA:

TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE _____

TYPE - MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

OM R2 F31



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10986 Date 7/25 Time 1245

Name Stillwater Hot well Location: Co. Churchill State New

SW, SE Sec. 7 Twp. 19N R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3895 Quad. Stillwater

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 67° DISCHARGE 2-5 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 34° DEPTH -

ODOR Mild Sulfur BORE 3"

FLUID COLOR clear PUMP TYPE None

FLUID TASTE Very salty & Sulfurous STATIC HEAD Artesian

BUBBLING No SCALING Minor KCl

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD Flowing

FLUID ISSUES FROM Well ROCK DATA:

TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE NaCl & KCl

QUANTITY Minor

COLOR white

FORM amorphous ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR Residential

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian Well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F13



WELL DATA



WELL NO.

DATE

TIME

DEPTH

WELL NO.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10987 Date 7/25 Time 1310

Name Hager Hot Well Location: Co. Churchill State Nev

SW, SE

Sec. 7 Twp. 19N R. 31E ; 323 km/mi - of -

Lat. - Long. - Elevation 3895 Quad. Stillwater

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 98° DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 34° DEPTH -

ODOR mild H₂S BORE 6"

FLUID COLOR clear PUMP TYPE None

FLUID TASTE Very salty + sulfurous STATIC HEAD under hot water pressure

BUBBLING No SCALING NaCl

BOILING Yes TYPE OF PIPING Steel

VEGETATION Brown algae ARTESIAN HEAD No

FLUID ISSUES FROM Well on S. ROCK DATA:

side Highway 42° TYPE (SURFACE) Gal

COLOR _____

SALT:

TYPE NaCl GRAIN SIZE _____

QUANTITY Moderate MEGASCOPIC _____

COLOR White MINERALS _____

FORM amorphous ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR Residential

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Hot well under pressure

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F14





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10988 Date 7/25 Time 1515

Name Hole in the Wall WS Location: Co. _____ State _____

S Sec. 24 Twp. 24N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3920 Quad. Shoshone Meadows 15'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 24 DISCHARGE 10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION green algae ARTESIAN HEAD _____

FLUID ISSUES FROM dry stream ROCK DATA:

bed TYPE (SURFACE) Qal (nearest outcrop)
amphibolitic gneiss

COLOR grayish

GRAIN SIZE medium

MEGASCOPIC MINERALS amphibole,

K-feldspar

SALT:

TYPE -

QUANTITY _____

COLOR _____

FORM _____ ALTERATION -

SINTER:

RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault?

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 FO





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10989 Date 7/25 Time 1700

Name Borax Working w S. *solar heated Location: Co. Chander State Nev.

Sec. _____ Twp. 16N R. 30E ; 1.5 km/mi south of Scott Woods

Lat. _____ Long. _____ Elevation 3970 Quad. Canyon Lake

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 35 DISCHARGE 0 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 36 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg -> sig

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR, Terrible

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BEM?

PREVIOUS AND/OR CURRENT LEASES ?

JS R6F29



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10990 Date 7/25 Time 1530

Name Cold Rock Spring Location: Co. Church State New

Sec. 31 Twp. 16 N R. 30 E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3980 Quad. Carson Lake

Sampler J.T. Salgado

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17°C DISCHARGE 1-3 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR none BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE mineral STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR br

GRAIN SIZE MEGASCOPIC MINERALS fg → mg

SALT:

TYPE NaCl

QUANTITY minor

COLOR white

FORM amorph ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION a.w. seepage

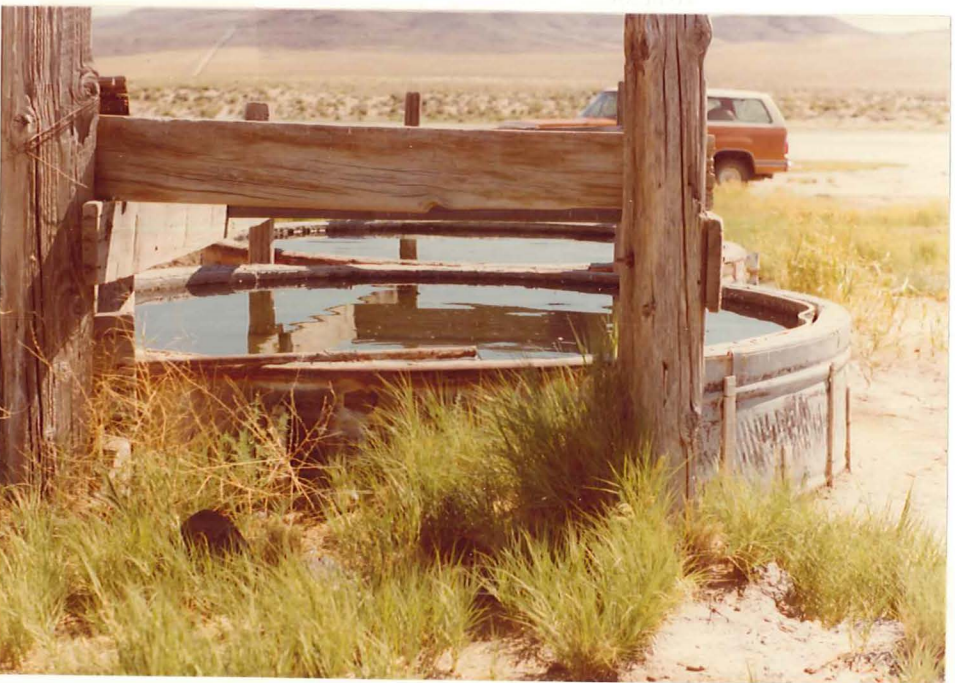
PROPERTY OWNED BY BDM

PREVIOUS AND/OR CURRENT LEASES ?

55 RB F28



1977
1978



send analysis report to:

Carl Bennett
P.O. Box 975
Lovelock, Nevada.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10991 Date 7/27/77 Time 1200

Name Archie Ranch e.s. Location: Co. Pershing State Nev.

NE SW

Sec. 28 Twp. 27N R. 31E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3960 Quad. Toulon (15')

Sampler Burke Wilkins

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15°C DISCHARGE 20-25 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 26° DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE mildly sulfurous, salty STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM salty floor ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE 0 _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR Irrigation

QUANTITY _____ IMMEDIATE AREA USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

BW RS FIS





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10992 Date 7/28 Time 1445

Name Packard Flat C. Well Location: Co. Pershing State Nev

Sec. _____ Twp. 27N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Buffalo Mountain

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18° DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 27° DEPTH -

ODOR None BORE 6"

FLUID COLOR Clear PUMP TYPE Windmill

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING steel

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Windmill NE ROCK DATA:

of Paved Road TYPE (SURFACE) ool

COLOR _____

SALT:

TYPE None GRAIN SIZE _____

QUANTITY _____ MEGASCOPIC _____

COLOR _____ MINERALS _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR Cattle

QUANTITY _____ IMMEDIATE AREA Brazing

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pipe

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BV-RS-P17



2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10993 Date 7/28 Time 1400

Name Colado Hot Well Location: Co. Pershing State Nev

NW, SE

Sec. 33 Twp. 28N R. 32E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4080 Quad. Lovelock

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 54° DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 27° DEPTH _____

ODOR None BORE 16"

FLUID COLOR clear PUMP TYPE Electric

FLUID TASTE Very Salty & Hard STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD _____

FLUID ISSUES FROM Electric Pump ROCK DATA:

& well Behind TYPE (SURFACE) ool

Diatomite Processing Plant COLOR _____

SALT: TYPE No GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR IMMEDIATE AREA Mineral Plant

QUANTITY _____ USED FOR Mineral Processing

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well & Pump

PROPERTY OWNED BY Eagle-Pitcher Industries

PREVIOUS AND/OR CURRENT LEASES ?

No Picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. _____ Sample No. W10994 Date 7/28/77 Time 1400

Name Cool Canyon W. W. Location: Co. Perkins State Nebraska

NWSN

Sec. 8 Twp. 27N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4810 Quad. (Dorelock), 15'

Sampler RBaha

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21° DISCHARGE Windmill pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA: _____

AIR TEMP. 26° DEPTH _____

ODOR 0 BORE 6"

FLUID COLOR 0 PUMP TYPE Mechanical/windmill

FLUID TASTE salty, alkaline STATIC HEAD -

BUBBLING 0 SCALING -

BOILING 0 TYPE OF PIPING Steel tubing

VEGETATION brn algae ARTESIAN HEAD No

FLUID ISSUES FROM well operated ROCK DATA: _____

by windmill pump TYPE (SURFACE) Qal

COLOR _____

SALT:

GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE 0

QUANTITY _____

COLOR _____

FORM _____

ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) _____

TYPE 0

WATER USED FOR IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____

FORM _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Windmill pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

BWR5F1/6

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10995 Date 7/28 Time 1030

Name HAZEN H.S. Location: Co. Lyon State NEV

Sec. 18 Twp. 20N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4060 Quad. TWO TIPS

Sampler P. Wager

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 92°C DISCHARGE 500 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR NONE BORE _____

FLUID COLOR Colorless PUMP TYPE _____

FLUID TASTE NONE STATIC HEAD _____

BUBBLING YES - 6"-12" geyser SCALING _____

BOILING YES TYPE OF PIPING _____

VEGETATION Swamp grass + algae ARTESIAN HEAD _____

FLUID ISSUES FROM Natural cast hole ROCK DATA:

Cross valley floor TYPE (SURFACE) Quartz

_____ COLOR _____

SALT: _____ GRAIN SIZE _____

TYPE KCl MEGASCOPIC MINERALS _____

QUANTITY Minor _____

COLOR White _____

FORM amorphous ALTERATION _____

SINTER: _____ RX TYPE (AT DEPTH) _____

TYPE ~ WATER USED FOR IMMEDIATE AREA Nothing

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES Magma?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10996 Date 7/28 Time 1200
Name NW 18 W.S. Location: Co. LYON State NEV
Sec. _____ Twp. 21N R. 26E ; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation 4020 Quad. _____
Sampler R. Haagen

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23° solonch DISCHARGE 50 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____
ODOR / BORE _____
FLUID COLOR / PUMP TYPE _____
FLUID TASTE / STATIC HEAD _____
BUBBLING / SCALING _____
BOILING / TYPE OF PIPING _____
VEGETATION swamp grasses cattails ARTESIAN HEAD _____

FLUID ISSUES FROM seep ROCK DATA:

TYPE (SURFACE) Qal
COLOR _____

SALT: GRAIN SIZE _____
TYPE KCl + NaCl MEGASCOPIIC _____
QUANTITY Major - minor MINERALS _____
COLOR white

FORM amorph ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR _____
QUANTITY _____ IMMEDIATE AREA _____
COLOR _____ USED FOR nothing

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NH Flow

PROPERTY OWNED BY BVM

PREVIOUS AND/OR CURRENT LEASES ??

✓

SAME AS W11247

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10997 Date 7/28 Time 1400
Name NE 35 WS Location: Co. Two Tps State NEV
Sec. 35 Twp. 22N R. 26E ; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation _____ Quad. _____
Sampler R.H

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>19</u> collected	DISCHARGE	<u>30</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	_____
AIR TEMP.	_____	DEPTH	<u>?</u>
ODOR	<u>None</u>	DIG BORE	<u>12' x 12'</u>
FLUID COLOR	<u>Clear</u>	PUMP TYPE	_____
FLUID TASTE	<u>None</u>	STATIC HEAD	_____
BUBBLING	<u>No</u>	SCALING	_____
BOILING	<u>No</u>	TYPE OF PIPING	_____
VEGETATION	<u>Grass + algae</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>open shaft</u>	ROCK DATA:	_____
<u>well</u>	_____	TYPE (SURFACE)	<u>pad</u>
_____	_____	COLOR	_____

SALT:

TYPE	<u>chloride</u>	GRAIN SIZE	_____
QUANTITY	<u>minor</u>	MEGASCOPIC	_____
COLOR	<u>white</u>	MINERALS	_____
FORM	_____	ALTERATION	_____

SINTER:

TYPE	_____	RX TYPE (AT DEPTH)	_____
QUANTITY	_____	WATER USED FOR IMMEDIATE AREA USED FOR	<u>catfish</u>
COLOR	_____		<u>caste</u>
FORM	_____	QUALITY OF SAMPLE: EXC., GOOD, <u>POOR</u>	

PROBABLE CAUSE OF MANIFESTATION N H Flow
PROPERTY OWNED BY _____
PREVIOUS AND/OR CURRENT LEASES Z,

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10998 Date 7/28 Time 1130
Name 4040 W.S Location: Co. LYON State NEV
Sec. 27 Twp. 21N R. 25E ; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation 4040 Quad. TWO TIPS
Sampler R Hooper

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21° solar DISCHARGE 30 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR — BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE soft STATIC HEAD _____

BUBBLING — SCALING _____

BOILING — TYPE OF PIPING _____

VEGETATION swamp grass ARTESIAN HEAD _____

FLUID ISSUES FROM stream bed ROCK DATA:

TYPE (SURFACE) gal

COLOR _____

SALT: GRAIN SIZE _____

TYPE KCl + NaCl MEGASCOPIC MINERALS _____

QUANTITY Major

COLOR white

FORM amorphous ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE — WATER USED FOR IMMEDIATE AREA NOTHING

QUANTITY _____ USED FOR NOTHING

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY Satan

PREVIOUS AND/OR CURRENT LEASES BLM

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10999 Date 7/27 Time 1100

Name Iron Tank CS Location: Co. Lander State Nev

Sec. - Twp. 20N R. 40E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7060 Quad. MA. Curry 7 1/2'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12° DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) ?

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE - _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F5





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11000 Date 7/27 Time 1530

Name NW36 CW Location: Co. Lander State Nev.

Sec. 36 Twp. 21N R. 42E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5544 Quad. Vigas Butte NW

Sampler D. Materson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14.6 DISCHARGE 570 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA: _____

AIR TEMP. _____ DEPTH ?

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD yes

FLUID ISSUES FROM pipe ROCK DATA: _____

TYPE (SURFACE) Qal

COLOR _____

SALT: _____ GRAIN SIZE _____

TYPE - MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: _____ RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR cattle

QUANTITY _____ IMMEDIATE AREA USED FOR grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC., GOOD, POOR)

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F6



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11001 Date 7/27 Time 1600

Name NWSE 1 CW Location: Co. Lander State Nev.

NWSE Sec. 1 Twp. 21N R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5463 Quad. Vigas Butte NW

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14 DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA: _____

AIR TEMP. _____ DEPTH ?

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD yes

FLUID ISSUES FROM pipe ROCK DATA: _____

TYPE (SURFACE) Qal

COLOR _____

SALT: _____ GRAIN SIZE _____

TYPE - MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: _____ RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F7



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11002 Date 7/27 Time 1736

Name China CS Location: Co. Lander State Nev

SWNE

Sec. 6 Twp. 21N R. 44E; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6140 Quad. Vigas Butte NE 7 1/2

Sampler D. Maerterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE 20 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR _____ BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING minor SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION green algae ARTESIAN HEAD _____

FLUID ISSUES FROM rhyncholites ROCK DATA:

E of road TYPE (SURFACE) rhyncholite

COLOR pink

SALT: GRAIN SIZE MEGASCOPIC MINERALS quartz

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION no

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault?

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 #8

Very little vegetation is present in the area. The soil is sandy and the vegetation is sparse. The area is mostly open and the vegetation is mostly small shrubs and grasses. The area is mostly open and the vegetation is mostly small shrubs and grasses. The area is mostly open and the vegetation is mostly small shrubs and grasses.



The area is mostly open and the vegetation is mostly small shrubs and grasses. The area is mostly open and the vegetation is mostly small shrubs and grasses. The area is mostly open and the vegetation is mostly small shrubs and grasses. The area is mostly open and the vegetation is mostly small shrubs and grasses.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W10003 Date 7/27 Time 1900

Name MWNW 30 WW Location: Co. Lander State Nev

Sec. 30 Twp. 18N R. 42E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5846 Quad. Gandolfo Canyon T 1/2'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18.5 DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA: _____

AIR TEMP. _____ DEPTH _____

ODOR _____ BORE _____

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA: _____

TYPE (SURFACE) Qal

COLOR _____

SALT: _____ GRAIN SIZE _____

TYPE _____ MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: _____ RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR irrigation

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11004 Date 7/26 Time 1915

Name Big antelope CS Location: Co. Zander State Nev.

Sec. - Twp. 22N R. 41E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5520 Quad. Mount Airy NW 7 1/2'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM deep at ROCK DATA:

side of road TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE _____

TYPE - MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR cattle

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

DM R3 FB



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11005 Date 7/26 Time 2015

Name Petersons Mill WW Location: Co. Lander State Nev

Sec. _____ Twp. 20N R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6345 Quad. Md. Airy 7 1/2'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 33° DISCHARGE 4 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH 3

ODOR - BORE 4"

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING steel

VEGETATION - ARTESIAN HEAD yes

FLUID ISSUES FROM artesian ROCK DATA:

well TYPE (SURFACE) gal

COLOR _____

SALT: GRAIN SIZE _____

TYPE _____ MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F4





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11006 Date 7/27 Time 1130

Name New 19 Cold Well Location: Co. Lander State Nev

Sec. 19 Twp. 16N R. 39E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6111 Quad. South Shoshone Peak

Sampler AT Samples

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17°C DISCHARGE 1000 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 32 DEPTH _____

ODOR none BORE 12"

FLUID COLOR _____ PUMP TYPE abo. qd; electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM irrigation pump ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → 8'g

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA

QUANTITY _____ USED FOR _____

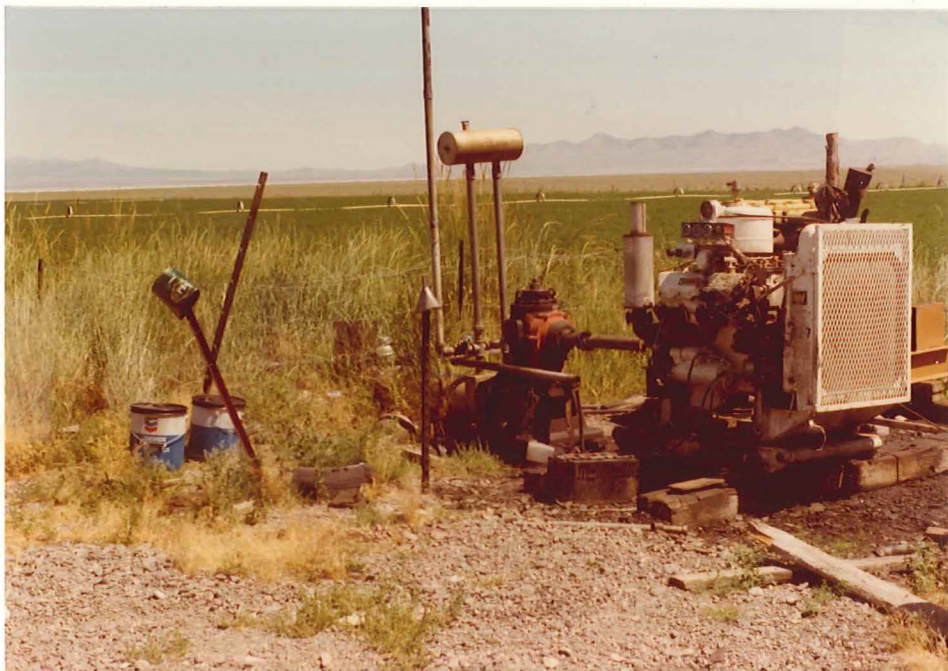
COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11067 Date 2/27 Time 1315

Name Midas Warm Spa (Solar Heated) Location: Co. Nyc State Ned

Sec. _____ Twp. 13N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6800 Quad. South Shoshone Peak

Sampler A T Senfala

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22 (Solar Heated) DISCHARGE 0.25-0.5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Oil ROCK DATA:

TYPE (SURFACE) Oil

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg -> g

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY REM

PREVIOUS AND/OR CURRENT LEASES ?

JS R6F34





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11008 Date 7/27 Time 1230

Name Peterson Cold Spring Location: Co. Lander State nev.

Sec. 32 Twp. 14N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6600 Quad. South Shoshone Lake

Sampler AT Sample

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14 DISCHARGE 0.25 - 1.0 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 32 DEPTH _____

ODOR none BORE _____

FLUID COLOR milky PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Sal ROCK DATA:

TYPE (SURFACE) Quil

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg -> 5g

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA castle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JSR6 F37



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11009 Date 7/27 Time 1510
 Name Ione Cold Spring Location: Co. Nyo State Nev.
 Sec. _____ Twp. 12N R. 39E ; .25 km/mi NE of Ione
 Lat. _____ Long. _____ Elevation 6780 Quad. Ione
 Sampler AT Seifelo

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>16</u>	DISCHARGE	<u>.5</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	<u>34</u>	DEPTH	_____
ODOR	<u>none</u>	BORE	_____
FLUID COLOR	_____	PUMP TYPE	_____
FLUID TASTE	_____	STATIC HEAD	_____
BUBBLING	_____	SCALING	_____
BOILING	_____	TYPE OF PIPING	_____
VEGETATION	<u>grass</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>pipe</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>Bas</u>
_____	_____	COLOR	<u>brn</u>

SALT:

TYPE	_____	GRAIN SIZE	_____
QUANTITY	_____	MEGASCOPIC	_____
COLOR	_____	MINERALS	<u>mg.</u>
FORM	_____	ALTERATION	<u>none</u>

SINTER:

TYPE	_____	RX TYPE (AT DEPTH)	_____
QUANTITY	_____	WATER USED FOR IMMEDIATE AREA	<u>water</u>
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE:	<u>EXC</u> , GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage
 PROPERTY OWNED BY ADM?
 PREVIOUS AND/OR CURRENT LEASES ?

JSR7 F2



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11010 Date 7/27 Time 1450

Name Ione Warm Spring Location: Co. Nye State Nev

Sec. _____ Twp. 12N R. 39E ; 2 km(m) NE of Ione

Lat. _____ Long. _____ Elevation 7200 Quad. Ione

Sampler JT Sefto

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21°C DISCHARGE 0.5-1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pipes ROCK DATA:

TYPE (SURFACE) gal

COLOR brn

SALT: TYPE _____ GRAIN SIZE MEGASCOPIC MINERALS mg

QUANTITY _____

COLOR _____

FORM _____ ALTERATION none

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

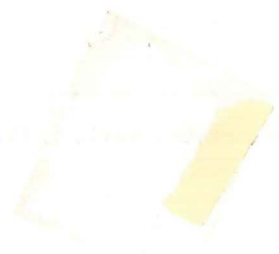
COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seeping

PROPERTY OWNED BY Bem?

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11011 Date 7/27 Time 1500

Name SW 19 Cold Well Location: Co. Nya State Nev

Sec. 19 Twp. BW R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6470 Quad. South Shoshone Park

Sampler AT Sample

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE ? gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR none BORE 6-8'

FLUID COLOR _____ PUMP TYPE aluminum; gas

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE mg -> 8'g

MEGASCOPIC MINERALS _____

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR cattle

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

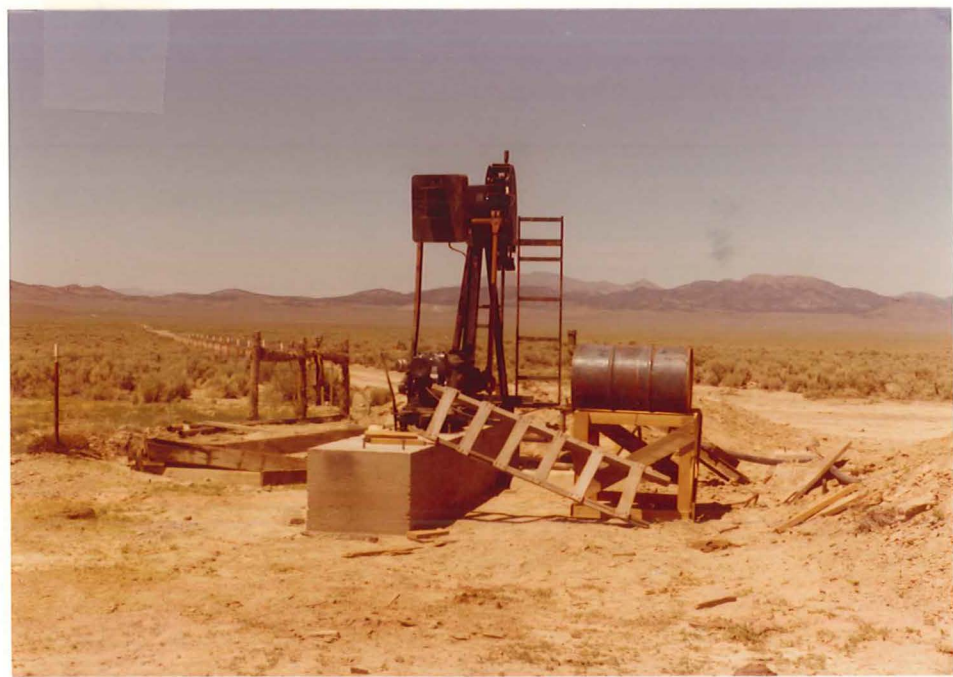
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JSR6F35



Faint, illegible text, possibly bleed-through from the reverse side of the page. Some faint markings are visible, including a circled '1' near the top right and another circled '1' further down.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W 11012 Date 7/26 Time 1630

Name Bentley Cold Well Location: Co. Nye State Nev

Sec. _____ Twp. 11N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6676 Quad. 10ne

Sampler JT Sample

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 500? gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR none BORE 6"

FLUID COLOR _____ PUMP TYPE also good electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM none ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIIC MINERALS mg -> 2g

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION rop

SINTER:

TYPE _____ RX TYPE (AT DEPTH) _____

QUANTITY _____ WATER USED FOR IMMEDIATE AREA USED FOR drinking

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11013 Date 7/26 Time 1330

Name 2mw of Holly Woods Cold Well Location: Co. Nyo State Nev

Sec. _____ Twp. 12N R. 36E ; 2 km/mi west of Holly wells

Lat. _____ Long. _____ Elevation 4680 Quad. Paradise Peak

Sampler JT Senfelle

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD 1

FLUID ISSUES FROM pump ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIIC MINERALS mg - 2 fig.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA drinking

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES _____



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11014 Date 2/26 Time 1530

Name Green Cold Spring Location: Co. Nya State Nev.

Sec. 16 Twp. 12N R. 36E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5800 Quad. Paradise Peak

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13 DISCHARGE 0.25 - 0.75 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grasses ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg - fg

SALT: TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA calld

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BEM

PREVIOUS AND/OR CURRENT LEASES _____

JS RB P30



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11015 Date _____ Time _____

Name SENE33 HOT Well Location: Co. Nyo State Nev

Sec. 33 Twp. 11N R. 32E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4600 Quad. Paradise Peak

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 41°C DISCHARGE 1200 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 37 DEPTH ?

ODOR none BORE 12"

FLUID COLOR _____ PUMP TYPE above ground electric

FLUID TASTE mineral STATIC HEAD 1

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD 1

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIIC MINERALS ng -> fg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA drinking

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11016 Date 7/26 Time 1300

Name SW NE 8 Warm Well Location: Co. Nyo State New

Sec. 8 Twp. 12N R. 35E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4656 Quad. Paradise Peak

Sampler OT Sanjole

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 30 DISCHARGE 300 ? gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR none BORE 12"

FLUID COLOR _____ PUMP TYPE abu. qcd.; electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pump ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA

QUANTITY _____ USED FOR cooking, irrigation (not drinkable)

COLOR _____ Mg Content U.h.

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES _____

Send Charles Lowery
Analysis: Highway 50 & 23
Fallon, Nev.
89406



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11017 Date 7/28 Time 1730

Name SESE 34 WW Location: Co. Churchill State NV

SESE Sec. 34 Twp. 17N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4610 Quad. West Gate 7 1/2'

Sampler A. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21° DISCHARGE — gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH 208'

ODOR - BORE _____

FLUID COLOR - PUMP TYPE diesel

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS

TYPE -

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES ?

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11018 Date 7/28 Time 1615

Name NENE 32 WS Location: Co. Churchill State Nev.

NENE Sec. 32 Twp. 17N R. 36E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4820 Quad. Coastgate 7 1/2'

Sampler A. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 27* DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM wash ROCK DATA:

TYPE (SURFACE) Dal

COLOR white

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE - _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

Dm R3 F10 * solar heated



Send Cold Springs St.
Analysis: Fallon, Nev.
89406

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11019 Date 7/28 Time 1415

Name Cold Springs well Location: Co. Churchill State Nev.

SWNE Sec. 20 Twp. 18 N R. 37E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5540 Quad. Cold Spgs. 7 1/2'

Sampler D Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21 * DISCHARGE — gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH 230'

ODOR — BORE _____

FLUID COLOR — PUMP TYPE submersible electric

FLUID TASTE — STATIC HEAD _____

BUBBLING — SCALING _____

BOILING — TYPE OF PIPING _____

VEGETATION — ARTESIAN HEAD no

FLUID ISSUES FROM sink in ROCK DATA:

kitchen TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIIC MINERALS _____

TYPE — _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE — WATER USED FOR drinking

QUANTITY _____ IMMEDIATE AREA USED FOR gas station

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumps

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

* water had been standing in tank

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Same as W10989

Spring No. _____ Sample No. W11020 Date _____ Time _____

Name BORAX WORKING Location: Co. _____ State _____

Sec. _____ Twp. _____ R. _____ ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. _____

Sampler _____

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C _____ DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR _____ BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM _____ ROCK DATA:

_____ TYPE (SURFACE) _____

_____ COLOR _____

SALT: _____ GRAIN SIZE _____

TYPE _____ MEGASCOPIIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: _____ RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11021 Date 7/30/77 Time 1530
Name Sec 10 W.W. Location: Co. Lyon State Nevada

NWNW

Sec. 10 Twp. 17N R. 23E ; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation 4300 Quad. Churchill Butte (15')
Sampler BBobes

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>18.5°C</u>	DISCHARGE	<u>Pump</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>0</u>	BORE	<u>10"</u>
FLUID COLOR	<u>0</u>	PUMP TYPE	<u>Electric</u>
FLUID TASTE	<u>0</u>	STATIC HEAD	<u>-</u>
BUBBLING	<u>0</u>	SCALING	<u>-</u>
BOILING	<u>0</u>	TYPE OF PIPING	<u>Steel tubes</u>
VEGETATION	<u>0</u>	ARTESIAN HEAD	<u>No</u>

FLUID ISSUES FROM	<u>well head</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>Quel</u>
_____	_____	COLOR	_____

SALT:		GRAIN SIZE	
TYPE	<u>0</u>	MEGASCOPIC	
QUANTITY	_____	MINERALS	_____
COLOR	_____		
FORM	_____	ALTERATION	<u>0</u>

SINTER:		RX TYPE (AT DEPTH)	
TYPE	<u>0</u>	WATER USED FOR	<u>Longhorn</u>
QUANTITY	_____	IMMEDIATE AREA	<u>Ranching</u>
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE:	EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11022 Date 7/20/77 Time 1800

Name Sec 11 M.W. Location: Co. Lyon State Nevada

SWSE Sec. 11 Twp. 179 R. 23E; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4260 Quad. Churchill Butte (15')

Sampler R. Bahr

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 19°c DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH -

ODOR 0 BORE 4"

FLUID COLOR 0 PUMP TYPE Diaphragm

FLUID TASTE 0 STATIC HEAD -

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING Steel Tube

VEGETATION 0 ARTESIAN HEAD No

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Steel Pump

PROPERTY OWNED BY Burke

PREVIOUS AND/OR CURRENT LEASES _____

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11023 Date 7/30/77 Time 1600

Name Cornal U.S. Location: Co. Lyon State Nevada

SNSW Sec. 33 Twp. 18 N R. 23 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4400 Quad. Churchill Butte (15')

Sampler RBates

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 19°c DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grasses, grass ARTESIAN HEAD _____

FLUID ISSUES FROM pediment down ROCK DATA:

~ broad wash TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RB R3 F33



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. _____ Sample No. W11024 Date 1/30/77 Time 1900

Name Sec 27 W.W. Location: Co. Lyon State Nevada

NWSE Sec. 27 Twp. 18N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4280 Quad. Chorckill Butte (15')

Sampler R Baber

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20°C DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH 6"

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE 0 STATIC HEAD -

BUBBLING 0 SCALING -

BOILING 0 TYPE OF PIPING Steel tube

VEGETATION 0 ARTESIAN HEAD No

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. _____ Sample No. W11025 Date 7/30/77 Time 1130
Name Buddman W.S. Location: Co. Storey State Nevada

NWSE

Sec. 29 Twp. 19N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5560 Quad. Churchill Butte (15')

Sampler R Babes

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21°C DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grm grass ARTESIAN HEAD _____

FLUID ISSUES FROM side of canyon ROCK DATA:

wall TYPE (SURFACE) Sandstone

COLOR Rust

SALT: GRAIN SIZE Large

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR Walking

QUANTITY _____ IMMEDIATE AREA 10 Mining

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY West Coast Oil & Gas Co, Mineral Div

PREVIOUS AND/OR CURRENT LEASES _____

RBR3 F32



SEND ANALYSIS

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11026 Date 7-29-77 Time 1600

Name Rawhide H.S. Location: Co. Mineral State Neu

Sec. _____ Twp. 12S R. 33E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4131 Quad. Walkerlake AMS

Sampler J.S.

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 54 DISCHARGE 25 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE hard STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION green algae ARTESIAN HEAD _____

FLUID ISSUES FROM sal. ROCK DATA:

TYPE (SURFACE) sal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC _____

MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR drinking

QUANTITY _____ IMMEDIATE AREA ranching

USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY J.C. Soley, Gabbs Box 45 89409

PREVIOUS AND/OR CURRENT LEASES _____



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11027 Date 7/30 Time 1230

Name NE 15 Warm Spring Location: Co. Lyon State Neu

Sec. 15 Twp. 15N R. 25E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4400 Quad. Wabuska

Sampler _____ JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22* solar DISCHARGE 0 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass, algae ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Quartz

COLOR brn

SALT: TYPE _____ GRAIN SIZE MEGASCOPIC MINERALS mg

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

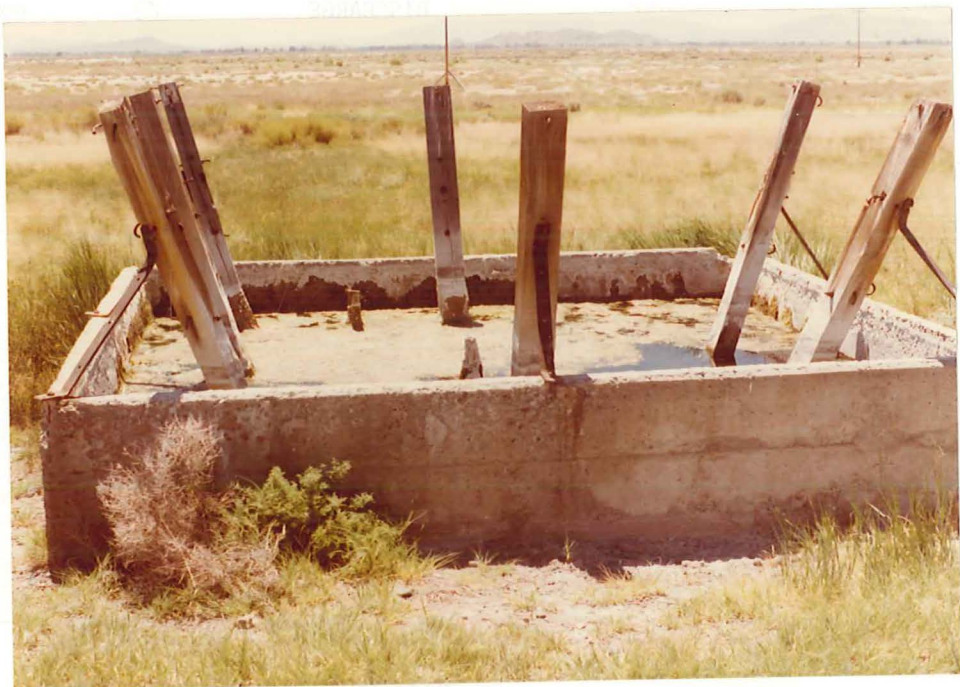
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION 0.1M 4000000

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

JTS R7 F10





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11028 Date 7/30 Time 1250

Name SESW 15 Cold Wood Location: Co. Lyon State New

Sec. 15 Twp. 14N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4350 Quad. Wabuska

Sampler DTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 1000 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR none BORE 12"

FLUID COLOR _____ PUMP TYPE abused; electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM irrigation well ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

SALT: GRAIN SIZE MEGASCOPIC MINERALS fg - mig

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA irrigation

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F13





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11029 Date 7/30 Time 1700

Name SE NW 8 Irrigation well Location: Co. Chanda State Nev

Sec. 8 Twp. 17 N R. 28 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3920 Quad. Fallon

Sampler _____ QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20°C DISCHARGE 1000 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____ mg

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11030 Date 7/30 Time 900

Name Silver Springs Cold well * Location: Co. Lyon State Neu.

Sec. 19 Twp. 17N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4200 Quad. Silver Springs

Sampler DTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20°C DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 30°C DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM _____ ROCK DATA:

town drinking water TYPE (SURFACE) Qal

- poor temperature reading COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg → pg

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR drinking

QUANTITY _____

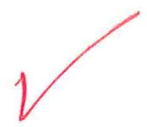
COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES P



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11031 Date 7/30 Time 1400

Name NESW 21 Warm Artesian Well Location: Co. Lyon State Neu

Sec. 21 Twp. 14N R. 24E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4300 Quad. Wabaska

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 29 DISCHARGE 50-100 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA: _____

AIR TEMP. 34 DEPTH ?

ODOR none BORE 8"

FLUID COLOR clear PUMP TYPE -

FLUID TASTE sulfur STATIC HEAD -

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING steel

VEGETATION grass, algae ARTESIAN HEAD yes

FLUID ISSUES FROM art. well ROCK DATA: _____

TYPE (SURFACE) Quartz

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA calls

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 FH



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11032 Date 7/29 Time 1630

Name Shirrtail Warm Well Location: Co. Churchill State Nev

Sec. — Twp. 20N R. 32E ; 2.1 mi. East of R31E & R32E Line
1.9 mi North of T19N & T20N Line

Lat. — Long. — Elevation 3936 Quad. Foxtail Lake

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 19.5° DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 35° DEPTH —

ODOR None BORE 6"

FLUID COLOR clear PUMP TYPE windmill

FLUID TASTE Very Salty STATIC HEAD —

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION Green moss ARTESIAN HEAD —

FLUID ISSUES FROM Pipe inside ROCK DATA:

of corals N. of Windmill TYPE (SURFACE) oal

COLOR _____

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA attle

QUANTITY _____ USED FOR — 0 —

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R5-F19



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11033 Date 7/27 Time 1700

Name West Lee Warm Well Location: Co. Dundell State Nev
South of Stillwater Wildlife Area Boundary

Sec. — Twp. 20N R. 32E ; 1.3 mi 1.5 mi W/mi West of of County Road

Lat. — Long. — Elevation 3920 Quad. Table Mtn.

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21° DISCHARGE 3-5 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 36° DEPTH —

ODOR None BORE 6"

FLUID COLOR Clear PUMP TYPE Windmill

FLUID TASTE None STATIC HEAD —

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION Green algae ARTESIAN HEAD —

FLUID ISSUES FROM Windmill ROCK DATA:

West of Road TYPE (SURFACE) ool

COLOR _____

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR Grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pumps

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-RS-F20

Location: [illegible]
Date: [illegible]
[illegible text]



[illegible text]

Send sample analysis to: Ned At
Box 116, Schurz, Nevada.

Rock Sample.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11034 Date 7/29/77 Time 1000

Name Lee H.S. Location: Co. Churchill State Nev

Sec. _____ Twp. 16N R. 29E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4000 Quad. Allen Springs (15)

Sampler _____

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 97°c DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR bluish tint PUMP TYPE _____

FLUID TASTE hard STATIC HEAD _____

BUBBLING yes SCALING _____

BOILING yes TYPE OF PIPING _____

VEGETATION grm grass ARTESIAN HEAD _____

FLUID ISSUES FROM sinkhole in valley ROCK DATA:

floor TYPE (SURFACE) Qal/Ts

COLOR light grey

GRAIN SIZE large

MEGASCOPIC MINERALS _____

SALT:

TYPE Ca/Mg

QUANTITY Moderate

COLOR White

FORM Amorphous ALTERATION Carbonates

SINTER:

RX TYPE (AT DEPTH) _____

TYPE CaCO₃ WATER USED FOR IMMEDIATE AREA _____

QUANTITY Passive USED FOR _____

COLOR White

FORM Amorphous QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION E-W fault

PROPERTY OWNED BY Ned At

PREVIOUS AND/OR CURRENT LEASES Several overriding leases

RB R3 F ~~27~~, 27, 28

1974

Location: Co. 9

State: N.M.



Man in red pants

Woman

Faint, illegible handwritten notes and text at the bottom of the page.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11035 Date 7/29/77 Time 1500

Name Walker River W.S. Location: Co. Mineral State Nevada

Sec. _____ Twp. 11N R. 29E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4000 Quad. Gillis Canyon (15')

Sampler Rbakia

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21.0 DISCHARGE 10-15 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION thin green algae, grass ARTESIAN HEAD _____

FLUID ISSUES FROM sinkhole at base ROCK DATA:

of mountain range TYPE (SURFACE) Qal

COLOR _____

SALT: TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Range front faulting

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR3 F31



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11036 Date 7/29/77 Time 1230

Name Double c.s. Location: Co. Navajo State Nv.

NEW

Sec. 25 Twp. 13N R. 29E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4100 Quad. Gilts Canyon (15')

Sampler _____

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16c DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE bitter/alkaline STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION green/brown algae, grass ARTESIAN HEAD _____

FLUID ISSUES FROM sinkhole on ROCK DATA:

valley floor TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE Alkaline MEGASCOPIC MINERALS _____

QUANTITY Major

COLOR White

FORM Amorphous ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA Nothing

QUANTITY _____ USED FOR Nothing

COLOR _____

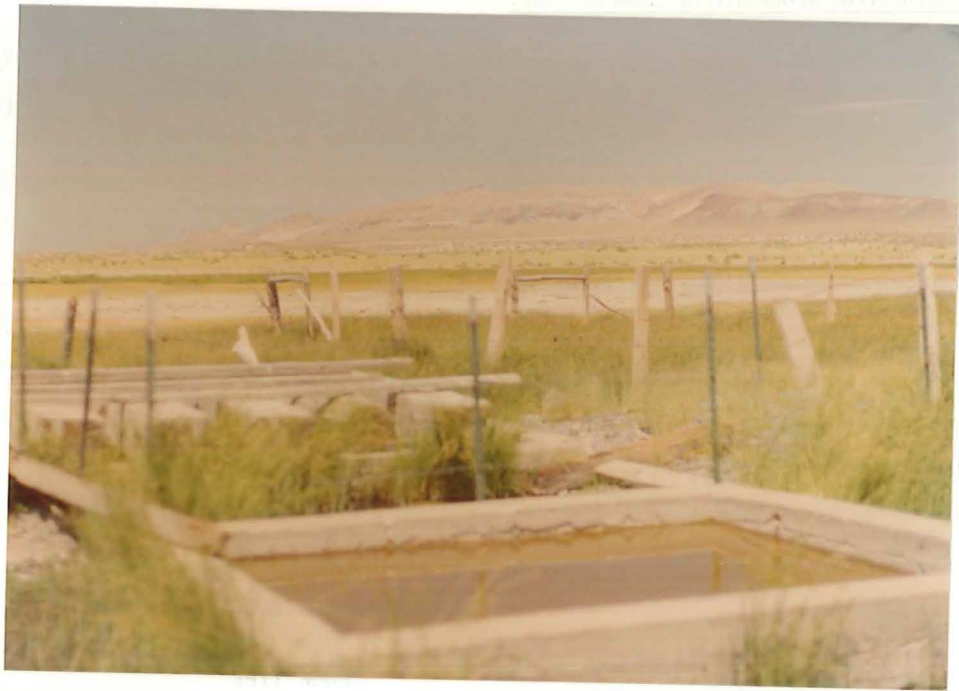
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RB R3 F30



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11037 Date 7/29/77 Time 1215

Name Sec 25 CAW Location: Co. Huerfano State Nev.

NENW

Sec. 25 Twp. 13N R. 29E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4100 Quad. Gillis Canyon (15')

Sampler R Baber

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14.0 DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE 12"

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE not bitter / alkaline STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING Steel tube

VEGETATION pin grass ARTESIAN HEAD yes

FLUID ISSUES FROM well pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA Nothing

QUANTITY _____ USED FOR Nothing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian Well

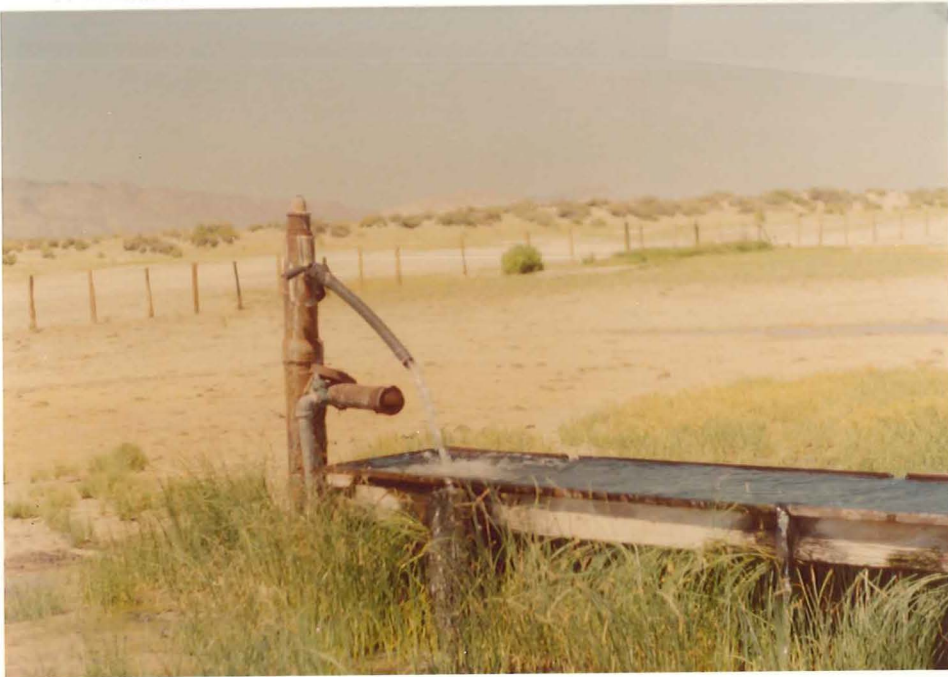
PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR3 F29

Location
 Elevation
 Date
 Name

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 99. *[Faint text]*
 100. *[Faint text]*



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11038 Date 7/30 Time 1615

Name SWNE 1 CW Location: Co. Lyon State Nev.

SWNE Sec. 1 Twp. 11N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4550 Quad. Yerington 15'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16 DISCHARGE 10,000 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR - BORE _____

FLUID COLOR - PUMP TYPE electric

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE - _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA irrigation

QUANTITY _____ USED FOR farming

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11039 Date 7/30 Time 1200

Name Summit CS Location: Co. Mineral State Nev.

Sec. - Twp. 11N R. 28E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6320 Quad. Schwartz 15'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14 DISCHARGE 10 gpm/lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE _____

TYPE - MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

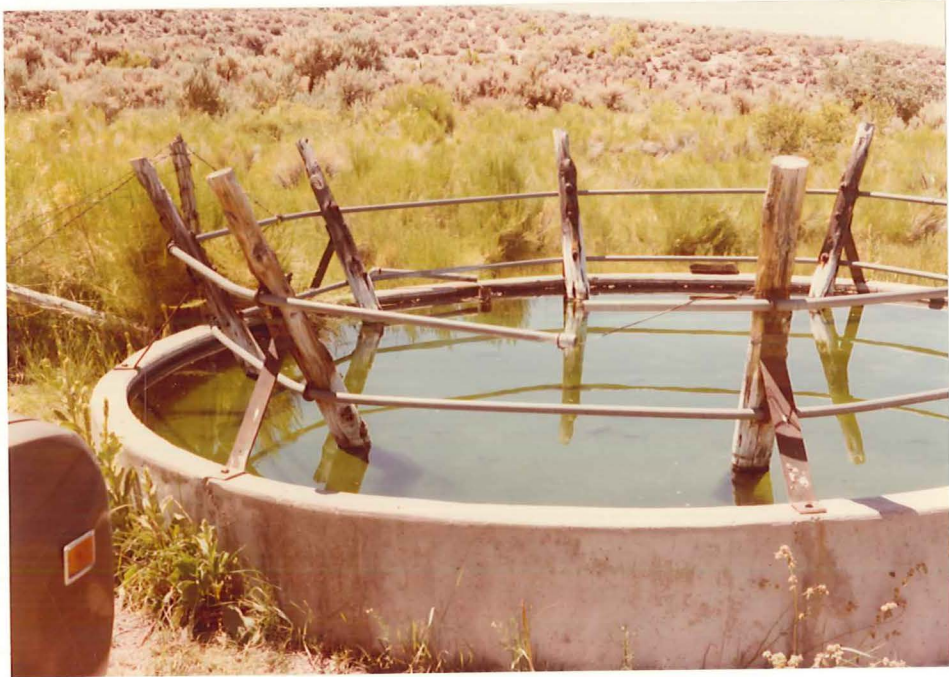
FORM _____ QUALITY OF SAMPLE: (EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F14





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11040 Date 7/30 Time 1130

Name Buck Brush WS * Location: Co. Minerals State Neor.

NWNE Sec. 18 Twp. 11N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Schuy 151

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23 DISCHARGE 25 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION green algae ARTESIAN HEAD _____

FLUID ISSUES FROM pipe in ROCK DATA:

cement tank TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE - MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES _____

DM R3 F-13 * water could be mixed with water upslope by pipeline



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11041 Date 7/29 Time 1400
 Name 5128 WW Location: Co. Mineral State Nev.
 Sec. - Twp. 13N R. 27E ; _____ km/mi _____ of _____
 Lat. _____ Long. _____ Elevation 5128 Quad. Schwartz 15'
 Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>20</u>	DISCHARGE	<u>-</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	<u>?</u>
ODOR	<u>-</u>	BORE	_____
FLUID COLOR	<u>-</u>	PUMP TYPE	<u>windmill</u>
FLUID TASTE	<u>-</u>	STATIC HEAD	_____
BUBBLING	<u>-</u>	SCALING	_____
BOILING	<u>-</u>	TYPE OF PIPING	_____
VEGETATION	<u>-</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>pipe</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>Gal</u>
_____	_____	COLOR	_____
SALT:		GRAIN SIZE	_____
TYPE	<u>-</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____		
FORM	_____	ALTERATION	_____
SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>-</u>	WATER USED FOR	<u>cattle</u>
QUANTITY	_____	IMMEDIATE AREA	_____
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE:	<u>EXC</u> , GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ? pump
 PROPERTY OWNED BY ?
 PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F11



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11042 Date 7/30 Time 1015

Name 4015 G15 Location: Co. Mineral State Nebr.

Sec. - Twp. 11N R. 29E; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4015 Quad. Schwyz 15'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 50 gpm/lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM sand E of Hwy. 15 ROCK DATA:

TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE - _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F 12



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11043 Date 7/30 Time 1030

Name Desert Cold Well Location: Co. Churchill State Nev

NW, SW Sec. 25 Twp. 21N R. 32E ; - km/mi - of -

Lat. _____ Long. _____ Elevation 3932 Quad. Cox Canyon

Sampler Burke Villhans

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21° DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 27° DEPTH _____

ODOR None BORE 6"

FLUID COLOR Clear PUMP TYPE Windmill

FLUID TASTE _____ STATIC HEAD _____

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD _____

FLUID ISSUES FROM Pipe on ROCK DATA:

Windmill beside Corral TYPE (SURFACE) Ool

COLOR _____

SALT: TYPE No GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR Grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pans

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F22 solow Heated





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11044 Date 7/30 Time 930

Name Government Cold Spr. Location: Co. Chubbuck State Nev.
Sec. - Twp. 20N R. 32E; km/mi 39° 37' 30" of 118° 22' 30"

Lat. - Long. - Elevation 3890 Quad. Cox Canyon

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20° * DISCHARGE - gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 26° DEPTH _____

ODOR None BORE _____

FLUID COLOR Lt. Yellow PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No No TYPE OF PIPING _____

VEGETATION Green Moss ARTESIAN HEAD _____

FLUID ISSUES FROM Pipe East of ROCK DATA:
Small Pond TYPE (SURFACE) Gal.

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS
TYPE No _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR Grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

* Solar heated

BW-RS-F21





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11045 Date 7/30 Time 1100

Name Silver Hill Warm Well Location: Co. Churchill State Nev

Sec. - Twp. 21N R. 33E ; km/mi 1.6 mi E. of T22N4T21N Line R30E4 R33E Line

Lat. _____ Long. _____ Elevation 3960 Quad. Cox Canyon

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22° DISCHARGE 2 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 28° DEPTH -

ODOR None BORE 6"

FLUID COLOR Clear PUMP TYPE Windmill

FLUID TASTE alkali STATIC HEAD -

BUBBLING No SCALING No

BOILING No TYPE OF PIPING Steel

VEGETATION Brown algae ARTESIAN HEAD -

FLUID ISSUES FROM Windmill ROCK DATA:

TYPE (SURFACE) Quil

COLOR _____

SALT:

GRAIN SIZE
MEGASCOPIC
MINERALS

TYPE No

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE No

WATER USED FOR IMMEDIATE AREA
USED FOR Cattle

QUANTITY _____

COLOR _____

FORM _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BL-R5-F23

Location of _____
State of _____
County of _____
Section _____
Township _____
Range _____



WATER USED FOR _____
TYPICAL AREA _____
USED FOR _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

J

Spring No. _____ Sample No. W11046 Date 7/30 Time 1430

Name Sands Cold Spring Location: Co. Cummins State Nev

SW, NW

Sec. 5 Twp. 16N R. 32E ; km/mi _____ of _____

Lat. - Long. - Elevation 3920 Quad. Fourmile Flat

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16.5° DISCHARGE 41 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 39° DEPTH -

ODOR None BORE 6"

FLUID COLOR clear PUMP TYPE -

FLUID TASTE NaCl STATIC HEAD ?

BUBBLING No SCALING None

BOILING No TYPE OF PIPING ?

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Well? on East ROCK DATA:

Side of Road .2 mi N. Highway TYPE (SURFACE) soil

50 COLOR _____

SALT: GRAIN SIZE _____

TYPE No MEGASCOPIC _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well?

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F24

$$\begin{array}{r} 36 \\ 60 \overline{)220} \\ \underline{180} \\ 400 \end{array}$$





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11047 Date 7/30 Time 1500

Name Frenchman Cold Well Location: Co. Cherokee State Nev.

SW, NW

Sec. 3 Twp. 16N R. 33E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4150 Quad. Frenchman

Sampler Burke Villias

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 7.5 DISCHARGE ? gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 39° DEPTH -

ODOR None BORE ?

FLUID COLOR clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING -

BOILING No TYPE OF PIPING -

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM well behind ROCK DATA:

Frenchman Bar TYPE (SURFACE) ool

COLOR _____

SALT:

TYPE No GRAIN SIZE _____

MEGASCOPIC _____

MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR Residential

IMMEDIATE AREA _____

QUANTITY _____ USED FOR Bar & Cafe

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well & pipe

PROPERTY OWNED BY Frenchman Bar

PREVIOUS AND/OR CURRENT LEASES -

BV-R5-F25





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11048 Date 8/17 Time 0900

Name Rabbit c.s. Location: Co. Esmeralda State NV

NENE Sec. 10 Twp. 3S R. 42E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5880 Quad. Goldfield (15')

Sampler Rabbit

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17.0 DISCHARGE Tap* gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION jun grass ARTESIAN HEAD _____

FLUID ISSUES FROM crack in granitic ROCK DATA:

canyon wall TYPE (SURFACE) granite

COLOR light grey

SALT: GRAIN SIZE _____ MEGASCOPIC MINERALS _____

TYPE 0 QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____ USED FOR _____

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR3F34

* Spring water stored in tank and released by tap.



1954

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11049 Date 8/2/77 Time 1045

Name Tognoni W.S. Location: Co. Nye State Nevada

SWNE

Sec. 28 Twp. 2S R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5960 Quad. Goldfield (15')

Sampler RB

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 26°c * → (partially solar heated) DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION green algae ARTESIAN HEAD _____

FLUID ISSUES FROM sinkhole at base ROCK DATA:

of range TYPE (SURFACE) Qel

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Probably range fault faulting

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RB R3 F35

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11050 Date 8/2/77 Time 1400

Name Alkali A.S. Location: Co. Emery State Nev.

SENE Sec. 26 Twp. 1S R. 41E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5020 Quad. Alkali (1 1/2')

Sampler R. Baker

Sample Type: (Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow)

DESCRIPTION:

WATER TEMP. °C 50.2 DISCHARGE 20-25 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE hard STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION blue algae ARTESIAN HEAD _____

FLUID ISSUES FROM sinkhole on ROCK DATA:

valley floor TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE Alkaline

QUANTITY Moderate

COLOR White

FORM Amorphous ALTERATION Silica

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR Nothing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Actual hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RB R3 F37



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11051 Date 2/27/77 Time 1130

Name Willow W.S. Location: Co. Nye State Nevada

NWNW Sec. 1 Twp. 3S R. 43E; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation _____ Quad. Goldfield (15)

Sampler Rhodes

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22°C (partially solar heated) DISCHARGE ~ 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION green grass ARTESIAN HEAD _____

FLUID ISSUES FROM alluvium on ROCK DATA:

valley floor TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Willow flows Range front faulting

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR3 F36



Water trough

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Send Lab Result To
Address on back



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11052 Date 8/2 Time 1130

Name 24 cold well Location: Co. Nye State Nev.

NE, NE

Sec. 24 Twp. 6N R. 40E; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5050 Quad. San Antonio Ranch

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15° DISCHARGE 1100 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 36° DEPTH -

ODOR None BORE 12"

FLUID COLOR clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD 176'

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Well Sr ROCK DATA:

TYPE (SURFACE) gal

COLOR _____

SALT:

GRAIN SIZE
MEGASCOPIC
MINERALS

TYPE -

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR

QUANTITY _____ IMMEDIATE AREA

USED FOR Irrigation

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Ponds

PROPERTY OWNED BY Big Smokey Land & Cattle

PREVIOUS AND/OR CURRENT LEASES -

No Picture

Big Smokey Land & Cattle Co

Box 1268

Tonopah, Nev 89049



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11053 Date 8/2 Time 1730

Name Ice Plant Warm Spring Location: Co. Nye State Nev

NW, NE Sec. 17 Twp. 3N R. 43E; _____ km/mi _____ of _____

Lat. - Long. - Elevation 6080 Quad. Tonopah

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 28° solar Heated DISCHARGE <1 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 34° DEPTH _____

ODOR None BORE _____

FLUID COLOR Green Tint PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION None ARTESIAN HEAD _____

FLUID ISSUES FROM Pipe into ROCK DATA:

water trough on S. side TYPE (SURFACE) Gal

road COLOR _____

SALT: GRAIN SIZE _____

TYPE No MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Groundwater Seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F30

The first of these is the fact that the
 water is not only pure but also
 contains a large amount of
 dissolved oxygen. This is due to
 the fact that the water is
 constantly being aerated by the
 wind and the waves. The second
 fact is that the water is
 constantly being filtered by the
 sand and the rocks. This
 process removes any impurities
 that may be present. The third
 fact is that the water is
 constantly being heated by the
 sun. This process kills any
 bacteria that may be present.
 The fourth fact is that the
 water is constantly being
 refreshed by the waves. This
 process ensures that the water
 is always fresh and clean.



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 contains a large amount of
 dissolved oxygen. This is due to
 the fact that the water is
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 wind and the waves. The second
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 constantly being filtered by the
 sand and the rocks. This
 process removes any impurities
 that may be present. The third
 fact is that the water is
 constantly being heated by the
 sun. This process kills any
 bacteria that may be present.
 The fourth fact is that the
 water is constantly being
 refreshed by the waves. This
 process ensures that the water
 is always fresh and clean.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11054 Date 8/1 Time 1530

Name Liberty Cold Spr Location: Co. Nye State Nev
2.5 mi. S. T6N9T5W Line
Sec. _____ Twp. SN R. 42E ; km/mi 2.4 mi. E. of R41E7 R42E Line

Lat. _____ Long. _____ Elevation _____ Quad. San Antonio Ranch

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16.5° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP.	<u>37°</u>	DEPTH	_____
ODOR	<u>None</u>	BORE	_____
FLUID COLOR	<u>Clear</u>	PUMP TYPE	_____
FLUID TASTE	<u>None</u>	STATIC HEAD	_____
BUBBLING	<u>No</u>	SCALING	_____
BOILING	<u>No</u>	TYPE OF PIPING	_____
VEGETATION	<u>None</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM	<u>Pipe below</u>	ROCK DATA:	
<u>Spring at head of</u>		TYPE (SURFACE)	<u>ool</u>
<u>Draw</u>		COLOR	_____

SALT:		GRAIN SIZE	_____
TYPE	<u>No</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____		
FORM	_____	ALTERATION	_____

SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>No</u>	WATER USED FOR	<u>Water trough</u>
QUANTITY	_____	IMMEDIATE AREA	<u>- 0 -</u>
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE:	<u>EXC.</u> , GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Fault controlled

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R5-F26





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11055 Date 8/2 Time 1330

Name Rest Stop Cold Well Location: Co. Esmeralda State Nev.

Sec. 2 Twp. 3N R. 40E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4820 Quad. Lone Mtn

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21° * DISCHARGE 200 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 35° DEPTH 160'

ODOR None BORE 8"

FLUID COLOR Clear PUMP TYPE Submersible Electric

FLUID TASTE None STATIC HEAD 12'

BUBBLING No SCALING None

BOILING No TYPE OF PIPING ?

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Well at ROCK DATA:

Millers Rest Stop TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE None _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR Rest area

QUANTITY _____ IMMEDIATE AREA USED FOR Rest area

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY State Highway Dept

PREVIOUS AND/OR CURRENT LEASES -

BW-RS-F29

* water saved in Holding Tank

Send Lab Results to
Address on Back



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11056 Date 8/2 Time 11:15

Name Big Smokey Cold Well Location: Co. NYE State Nev.

Center SE 1/4 Sec. 13 Twp. T6N R. 40E ; km/mi - of -

Lat. - Long. - Elevation 5065 Quad. San Antonio Ranch

Sampler Bruce Villions

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12° DISCHARGE 2100 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 37° DEPTH 400'

ODOR None BORE 12"

FLUID COLOR Clear PUMP TYPE electric

FLUID TASTE None STATIC HEAD 176'

BUBBLING No SCALING None

BOILING No TYPE OF PIPING steel

VEGETATION None ARTESIAN HEAD None

FLUID ISSUES FROM Well ROCK DATA:

TYPE (SURFACE) Bas

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE None _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA Irrigation

QUANTITY _____ USED FOR Farming

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Big Smokey Land & Cattle

PREVIOUS AND/OR CURRENT LEASES -

BW-RS-F28

Big Smokey Land & Cattle Co.
Box 1268
Tonopah, Nev. 89049





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11057 Date 8/0 Time 930

Name San Antonio Ranch Cold Well Location: Co. Nye State Nev

SE, SW Sec. 17 Twp. 7N R. 42E ; km/mi - of -

Lat. - Long. - Elevation 5400 Quad. San Antonio Ranch

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. _____ DEPTH -

ODOR None BORE 10"

FLUID COLOR clear PUMP TYPE None

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION Water Creeper & Green Moss ARTESIAN HEAD Flowing

FLUID ISSUES FROM Well casing ROCK DATA:
at head of excavated ditch TYPE (SURFACE) _____

COLOR _____

SALT: TYPE No GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY San Antonio Ranch

PREVIOUS AND/OR CURRENT LEASES -

BW-RS-F27



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11058 Date 8/2 Time 1300

Name NE 22 Warm Art well Location: Co. Mineral State Nev

Sec. 22 Twp. 5N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4380 Quad. Sodaville

Sampler _____ ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23 DISCHARGE 800 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 37 DEPTH _____

ODOR none BORE 12"

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION grass ARTESIAN HEAD yes

FLUID ISSUES FROM Art well ROCK DATA:

TYPE (SURFACE) Bas

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg -> fig

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Art well

PROPERTY OWNED BY Bem

PREVIOUS AND/OR CURRENT LEASES ?

SCALING
TYPE OF PIPING
APPROXIMATE





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11059 Date 8/2 Time 1415

Name Pepper Cold Spring Location: Co. Mineral State Nev

Sec. _____ Twp. 5N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6440 Quad. Camp Douglas

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 11.0 DISCHARGE 2-5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 37 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn - gray

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Barn?

PREVIOUS AND/OR CURRENT LEASES ?



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11060 Date 8/2 Time 1530

Name Garfield Cold Spring Location: Co. Mineral State Nev

Sec. 25 Twp. 6N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6000 Quad. Moho Mtn

Sampler QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16°C DISCHARGE 2-5 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 36 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION goats ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA carbo

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F23

STATE OF TEXAS
COUNTY OF _____
DATE OF DEED _____





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11061 Date 8/2 Time 1330

Name NW 23 Warm Artesian Well Location: Co. Mineral State New

Sec. 23 Twp. 5N R. 35E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4380 Quad. Sodaville

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23 DISCHARGE ? gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 38 DEPTH _____

ODOR S₂ BORE 16'

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE Sulfur strong STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING steel

VEGETATION brn algae ARTESIAN HEAD yes

FLUID ISSUES FROM Well ROCK DATA:

TYPE (SURFACE) Gal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg → fig

TYPE NaCl

QUANTITY min

COLOR white

FORM amorphous ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Art well

PROPERTY OWNED BY Rem

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F01



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11062 Date 8/2 Time 930

Name NWSW 27 Warm Well Location: Co. Mineral State Nev.

Sec. 27 Twp. 7N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4880 Quad. Mina

Sampler DT Sample

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 26°C DISCHARGE 700-1000? gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31 DEPTH _____

ODOR none BORE 6-8"

FLUID COLOR _____ PUMP TYPE submersible; electric

FLUID TASTE _____ STATIC HEAD -

BUBBLING _____ SCALING -

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD -

FLUID ISSUES FROM pump ROCK DATA:

TYPE (SURFACE) Gal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

QUANTITY _____ WATER USED FOR IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BEM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F15

1950
MAY 10
MAY 10





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11063 Date 8/2 Time 900

Name Luning Warm Well * Location: Co. Mineral State Nea

Sec. _____ Twp. 8N R. 34E ; 24 km/mi East of Hawthorne

Lat. _____ Long. _____ Elevation 4468 Quad. AMS

Sampler _____ ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 25* DISCHARGE 500 gpm/Lpm

GROUND TEMP. °C 5 solar heated WELL DATA:

AIR TEMP. 30 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Qua

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Born

PREVIOUS AND/OR CURRENT LEASES P



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11064 Date 8/2 Time 1000

Name Mina Warm Well Location: Co. Mineral State Nev

Sec. 8 Twp. 6N R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4550 Quad. Mina

Sampler QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 27* DISCHARGE - gpm/Lpm
color tested

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 21 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

SALT: GRAIN SIZE MEGASCOPIIC MINERALS mg - 5g

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11065 Date 8/2 Time 1130

Name SESE 29 Warm Spring Location: Co. Mineral State New

Sec. 29 Twp. 6N R. 35E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4680 Quad. Sodaulla

Sampler JT Saulters

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 36 DISCHARGE 3-10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 37 DEPTH _____

ODOR none BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE S₂ STATIC HEAD _____

BUBBLING no SCALING _____

BOILING no TYPE OF PIPING _____

VEGETATION brown algae ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brown -> grey

GRAIN SIZE mg -> 1g

MEGASCOPIC MINERALS _____

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

WATER USED FOR IMMEDIATE AREA catito

USED FOR _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage along fault

PROPERTY OWNED BY Bern

PREVIOUS AND/OR CURRENT LEASES ?

JSR7F17



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11066 Date 8/2 Time 1200

Name NENE 21CS Location: Co. Mineral State Nev

Sec. 21 Twp. 5N R. 35E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4366 Quad. Sodaville

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 37 DEPTH _____

ODOR S₂ BORE _____

FLUID COLOR none PUMP TYPE _____

FLUID TASTE Na₂CO₃ STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS ng -> f.g.

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Blom?

PREVIOUS AND/OR CURRENT LEASES ?

JSR>FIR





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11067 Date 8/2 Time 1100

Name NESW29 Cold Spring Location: Co. Mineral State New

Sec. 29 Twp. 6N R. 35E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4680 Quad. Sodaville

Sampler ITS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 1-3 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP.	<u>31</u>	DEPTH	_____
ODOR	<u>none</u>	BORE	_____
FLUID COLOR		PUMP TYPE	_____
FLUID TASTE		STATIC HEAD	_____
BUBBLING		SCALING	_____
BOILING		TYPE OF PIPING	_____
VEGETATION	<u>grass</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE)	<u>Qal</u>
COLOR	<u>brn</u>

SALT:

TYPE		GRAIN SIZE MEGASCOPIC MINERALS	<u>mg → fig</u>
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QUANTITY		ALTERATION	<u>-</u>
COLOR			
FORM			

SINTER: RX TYPE (AT DEPTH) _____

TYPE		WATER USED FOR IMMEDIATE AREA USED FOR	<u>cattle</u>
QUANTITY			
COLOR			
FORM			

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BOM

PREVIOUS AND/OR CURRENT LEASES ?



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11068 Date 8/1 Time 1600

Name Sweetwater Ranch Coldwell Location: Co. Mineral State Nev.

Sec. 8 Twp. 5N R. 30E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5880 Quad. Powell Mtn

Sampler J.T. Sandoz

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 1000 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 36 DEPTH _____

ODOR none BORE 12"

FLUID COLOR _____ PUMP TYPE absged; electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT:

GRAIN SIZE _____

TYPE _____ MEGASCOPIC MINERALS mg

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR drinking

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Sweetwater Ranch

PREVIOUS AND/OR CURRENT LEASES ?

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11069 Date 8/1 Time 1530

Name Whiskey Cold Spring Location: Co. Mineral State New

Sec. 20 Twp. 5N R. 30E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5426 Quad. Powell Mtn

Sampler J.T.S.

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE 1-3 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Dal ROCK DATA:

TYPE (SURFACE) Dal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → f.g.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA catals

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BDM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F14



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11070 Date 8/13 Time 1200

Name Sw 16 Coldwell Location: Co. Lyon State New

Sec. 16 Twp. 9N R. 26E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4240 Quad. Mt Grant

Sampler _____ JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 200-500 gpm/lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR _____ BORE _____

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Quartz

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Powata

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11071 Date 8/3 Time 1600

Name Pine Grove Cold Spring Location: Co. Lyon State Neu.

Sec. 32 Twp. 9N R. 25E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6400 Quad. Pine Grove

Sampler _____ JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM Quail ROCK DATA:

TYPE (SURFACE) Quail

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS ng.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Bem

PREVIOUS AND/OR CURRENT LEASES ?

JTS R7F30





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11072 Date 8/13 Time 1530

Name Twin Springs Cold Spring Location: Co. Lyon State Nev

Sec. _____ Twp. 9N R. 26E ; 9 km(mi) NW of Flying M Ranch

Lat. _____ Long. _____ Elevation 6750 Quad. Pine Grove Hill

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 5 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR _____ BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM pipe & Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → f-g.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA

QUANTITY _____ USED FOR cattle

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., (GOOD), POOR

PROBABLE CAUSE OF MANIFESTATION g-w. seepage

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11073 Date 8/3 Time 1430

Name Flying m Ranch Cold well Location: Co. Lyon State New

Sec. 29 Twp. 8N R. 26E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4930 Quad. Mt Grant

Sampler _____ ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 1200 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Quartz

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____ mg -> f.g.

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.) GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

A.P.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11074 Date 8/3 Time 1330

Name Mitchell Cold Spring Location: Co. Lyon State New

Sec. 25 Twp. 7N R. 27E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5581 Quad. M+. Grant

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 1-3 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34°C DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Coal ROCK DATA:

TYPE (SURFACE) Coal

COLOR brn

GRAIN SIZE _____

MEGASCOPIC MINERALS _____

mg

SALT:

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. see page

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JTS RZF27





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11075 Date 8/3 Time 1130

Name SE 25 Cold Spring Location: Co. Mineral State New.

Sec. 25 Twp. 5N R. 27E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6125 Quad. Aurora

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14 DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP.	<u>32</u>	DEPTH	_____
ODOR	<u>none</u>	BORE	_____
FLUID COLOR		PUMP TYPE	_____
FLUID TASTE		STATIC HEAD	_____
BUBBLING		SCALING	_____
BOILING		TYPE OF PIPING	_____
VEGETATION	<u>clover grass</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM	<u>Qal</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	<u>brn</u>

SALT:		GRAIN SIZE	_____
TYPE	_____	MEGASCOPIC	_____
QUANTITY		MINERALS	<u>mg</u>
COLOR			_____
FORM	_____	ALTERATION	_____

SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	_____	WATER USED FOR	<u>cattle</u>
QUANTITY		IMMEDIATE AREA	_____
COLOR		USED FOR	_____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

J5 R7 F26





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11076 Date 8/3 Time 1230

Name Ninemile Ranch Cdd well Location: Co. Mineral State Neu'

Sec. 14 Twp. 6N R. 22E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5950 Quad. Aurora

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18°C DISCHARGE 500 ? (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE electric abu. gnd

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Qal

COLOR ben

GRAIN SIZE _____

MEGASCOPIC _____

MINERALS mg -> f.g

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

QUANTITY _____ WATER USED FOR IMMEDIATE AREA drinking

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11077 Date 8/3 Time 930

Name Mud Cold Spring Location: Co. Mineral State Nev

Sec. 22 Twp. 5N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6500 Quad. Aurora

Sampler _____ JTS _____

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14 DISCHARGE 3-5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 28 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____ mg → f.g.

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

TYPE OF



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11078 Date 8/3 Time 1500

Name SW 12 Cold Spring Location: Co. Lyon State Neu

Sec. 12 Twp. 8N R. 27E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5560 Quad. Mt Grant

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 1-1.5 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Coal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

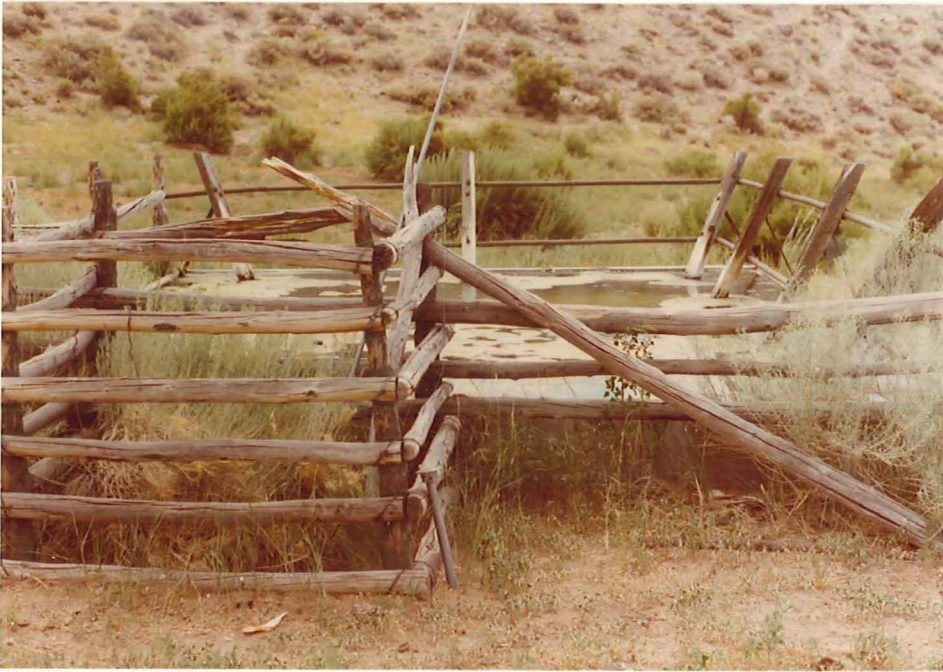
COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g. w. seepage

PROPERTY OWNED BY Bem

PREVIOUS AND/OR CURRENT LEASES ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11079 Date 8/30 Time 1030

Name SWNF 17 Cold Spring Location: Co. Mineral State Nev

Sec. 17 Twp. 5N R. 27E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7200 Quad. Aurora

Sampler JTS

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12°C DISCHARGE 0.5-1 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 30 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS cg. → mg.

SALT:

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., (GOOD) POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BDM

PREVIOUS AND/OR CURRENT LEASES ?



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11080 Date 8/4 Time 1230

Name sw 22 Cold Spring Location: Co. Mono State Calif.

Sec. 22 Twp. 4N R. 26E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8600 Quad. Bridgeport

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12 DISCHARGE 0.5-1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 25 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE _____

MEGASCOPIC MINERALS mg → fig

ALTERATION _____

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Bom

PREVIOUS AND/OR CURRENT LEASES ?

JS R7F35





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11081 Date 8/4/77 Time 1020

Name LAKEVIEW COLD SPRING Location: Co. Mono State Calif

NW NE Sec. 20 Twp. 5 N R. 26 E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8000 Quad. BRIDGEPORT, Calif

Sampler JOE SENEHLE

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12° DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR NONE BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Vinyl pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR brown

GRAIN SIZE MEGASCOPIC MINERALS med - coarse

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA drinking

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11082 Date 8/4 Time 1045

Name McMillan Cold Spring Location: Co. Mono State Calif

Sec. 29 Twp. 5N R. 25E; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8300 Quad. Bridgeport

Sampler _____ JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20 DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 29 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM Red ROCK DATA:

TYPE (SURFACE) Red

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg -> fig

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA could

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION gas see page

PROPERTY OWNED BY Berm

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11083 Date 8/4 Time 930

Name NW 23 Cold Spring Location: Co. Mono State Calif.

Sec. 23 Twp. 5N R. 25E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Bridgeport, Calif.

Sampler JTS

Sample Type: Spring (with pipe) well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13°C DISCHARGE 1-1.5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 28 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg -> fig.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA drinking

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BQM

PREVIOUS AND/OR CURRENT LEASES ?

J5 R7 F31





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11084 Date 8/4 Time 1300

Name Bridgeport Cold well Location: Co. Mono State Calif

Sec. 33 Twp. 4N R. 24E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Bridgeport

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE - gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 24 DEPTH _____

ODOR nae BORE _____

FLUID COLOR _____ PUMP TYPE hand

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Gal

COLOR br

SALT: GRAIN SIZE MEGASCOPIIC MINERALS

TYPE _____ mg -> f.g.

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11085 Date 8/4 Time 1530

Name Lava Cold Springs Location: Co. Mono State Calif

Sec. 36 Twp. 6N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8400 Quad. Falco HS

Sampler _____ JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C _____ 9 DISCHARGE _____ 40-60 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA: _____

AIR TEMP. _____ 25 DEPTH _____

ODOR _____ none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ grass ARTESIAN HEAD _____

FLUID ISSUES FROM _____ Qal + Volc ROCK DATA: _____

_____ border TYPE (SURFACE) _____ Qal + Volc border

COLOR _____ brn → blk

SALT: _____ GRAIN SIZE _____

TYPE _____ MEGASCOPIC _____

QUANTITY _____ MINERALS _____ mg → cg

COLOR _____

FORM _____ ALTERATION _____

SINTER: _____ RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____ g-w seepage

PROPERTY OWNED BY _____ RLM

PREVIOUS AND/OR CURRENT LEASES _____ ?

JSR8F2



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11086 Date 8/4 Time 1630

Name SW 34 Cold Spring Location: Co. Mono State Calif

Sec. 34 Twp. 5N R. 23E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7400 Quad. Fales HS

Sampler _____ JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 0.25 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 24 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____ mg

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BEM

PREVIOUS AND/OR CURRENT LEASES ?

JSR8F4

THE UNIVERSITY OF CALIFORNIA
 HERBARIUM
 BERKELEY, CALIF.

No. _____
 Date _____
 Locality _____
 Collector(s) _____
 Plant Name _____
 Botanical Description _____
 Use _____
 Other _____
 Name of Collector _____
 Name of Institution _____
 Name of Country _____
 Name of State _____
 Name of County _____
 Name of District _____
 Name of Township _____
 Name of Range _____
 Name of Section _____
 Name of Quarter _____
 Name of Meridian _____
 Name of Base _____
 Name of Section _____
 Name of Quarter _____
 Name of Meridian _____
 Name of Base _____





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11087 Date 8/4 Time 1700

Name NE 20 Cold Spring Location: Co. Mono State Calif.

Sec. 20 Twp. 5N R. 22E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7150 Quad. Falco HS

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13 DISCHARGE 100-200 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 25 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION ginseng ARTESIAN HEAD _____

FLUID ISSUES FROM Quil ROCK DATA:

TYPE (SURFACE) Quil

COLOR grey

GRAIN SIZE _____

MEGASCOPIC MINERALS fg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g. w. See page

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R8F5



2

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11088 Date 8/4 Time 1500

Name NE 31 Cold Spring Location: Co. Mojo State Calif.

Sec. 31 Twp. 6N R. 23E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8800 Quad. Falco HS

Sampler STS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12 DISCHARGE 1 - 5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 25 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → cg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cooking

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION a.w. seep

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

JS RPF3



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11089 Date 8/4 Time 1600

Name Moly Creek Cold Well Location: Co. Mon State Calif

Sec. 9 Twp. 5N R. 22E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8000 Quad. Falco H.S.

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16 DISCHARGE 100-300 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 24 DEPTH _____

ODOR _____ BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

(Sinter) TYPE (SURFACE) Gal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA drinking

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

sampled

Spring No. _____ Sample No. W11090 Date 8/4 Time 1500

Name Fales Hot Spring Location: Co. Mono State Nev

Sec. 24 Twp. 5N R. 23E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7330 Quad. Fales H.S.

Sampler OTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 60 DISCHARGE 50-75 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 29 DEPTH _____

ODOR none BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE iron STATIC HEAD _____

BUBBLING yes SCALING _____

BOILING no TYPE OF PIPING _____

VEGETATION no ARTESIAN HEAD _____

FLUID ISSUES FROM Quartz + ROCK DATA:

Travertine TYPE (SURFACE) Quartz + CaCO₃

COLOR white

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE Travertine * WATER USED FOR IMMEDIATE AREA _____

QUANTITY major USED FOR _____

COLOR white

FORM amorphous QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Fault

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

* major deposits north of road

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11091 Date 8/4 Time 12:05

Name NWNE 26 Cold Spring Location: Co. Mono State Calif.

Sec. 26 Twp. 4N R. 26E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8800 Quad. Bridgeport

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 11 DISCHARGE 1-3 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 30 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR gray

GRAIN SIZE MEGASCOPIC MINERALS mg → fg

SALT:

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JS R7 F34



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11092 Date 8/5 Time 1530

Name Company Meadows CS Location: Co. Mojo State Nev

Sec. 1 Twp. 8N R. 21E; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8000 Quad. Topog Lake

Sampler _____ QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 9°C DISCHARGE 25-1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 29 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION green algae ARTESIAN HEAD _____

FLUID ISSUES FROM Red ROCK DATA:

TYPE (SURFACE) Red

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg -> cg

SALT:

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seep

PROPERTY OWNED BY BDM

PREVIOUS AND/OR CURRENT LEASES ?

JS RB F12





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11093 Date 8/5 Time 1500

Name Big Cold Spring Location: Co. Mono State Calif

Sec. 30 Twp. 9N R. 21E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7800 Quad. Tapes Lake

Sampler NTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 110e DISCHARGE 70 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 29 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____ ng -> ag

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seep

PROPERTY OWNED BY BDM

PREVIOUS AND/OR CURRENT LEASES ?

JS R8F11

STATE OF
NEW YORK
OFFICE OF THE
COMMISSIONER OF
THE ENVIRONMENT
ALBANY, N.Y.





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11094 Date 8/5 Time 1520

Name NE 18 Cold Well Location: Co. Douglas State Neu

Sec. 18 Twp. 10N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5600 Quad. Topaz Lake

Sampler _____ GTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE — gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qd

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → pg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR drinking

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____ pump

PROPERTY OWNED BY _____ Private

PREVIOUS AND/OR CURRENT LEASES _____ ?

np



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11095 Date 8/5 Time 1130

Name NE9 CS Location: Co. Lyon State Neu

Sec. 9 Twp. 8N R. 24E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6800 Quad. Pine Grove Hills

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 10 DISCHARGE 30 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 26 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____ mg

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seep.

PROPERTY OWNED BY Biem

PREVIOUS AND/OR CURRENT LEASES ?

JSR8F9





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11096 Date 8/5 Time 1200

Name Wiley Ranch C.S. Location: Co. Lyon State Neu

Sec. 5 Twp. 8N R. 25E; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6400 Quad. Pine Grove N40

Sampler _____ JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 30-50 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 23 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qd ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg -> cg

SALT:

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

TYPE _____ RX TYPE (AT DEPTH) _____

QUANTITY _____ WATER USED FOR IMMEDIATE AREA USED FOR cauld

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

JSR8F10





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11097 Date 8/5 Time 1030

Name Rye Grass C.S. Location: Co. Lyon State NeV

Sec. 34 Twp. 7N R. 24E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7100 Quad. Pine Grove Hills

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 25-0.5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 25 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____ mg

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

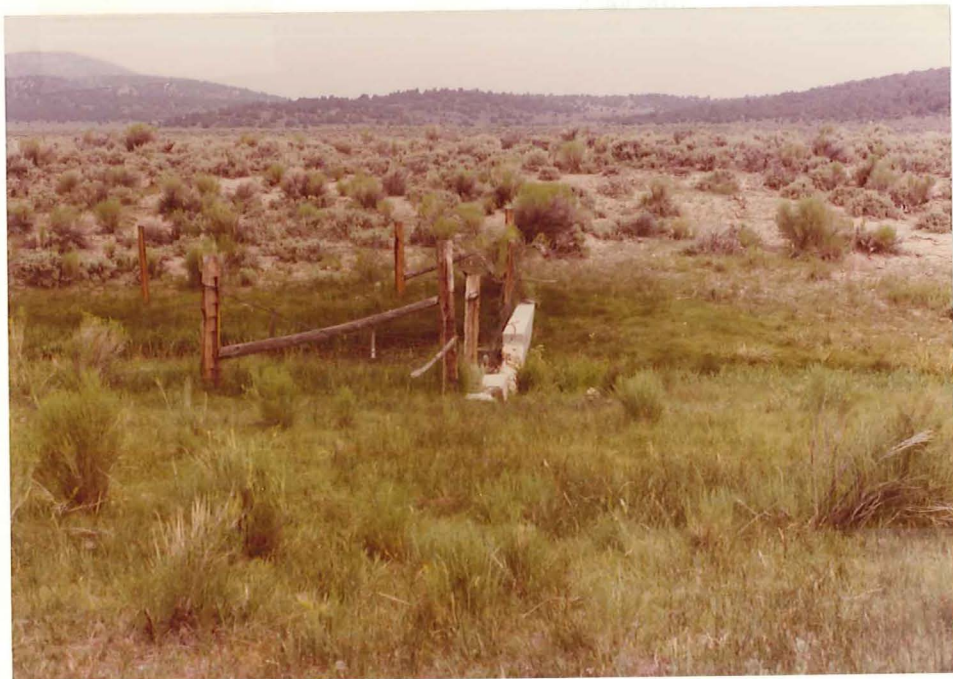
COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seep

PROPERTY OWNED BY RLM

PREVIOUS AND/OR CURRENT LEASES ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11098 Date 8/5 Time 1430

Name Sec 27 Cold Wood Location: Co. Mono State Calif

Sec. 27 Twp. 9N R. 21E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5200 Quad. Topaz Lake

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE 200 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA: _____

AIR TEMP. 30 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE Electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA: _____

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS ng -> S.g.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

np



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11099 Date 8/5 Time 1100

Name Gulch Cold Spring Location: Co. Lyon State Neu

Sec. 13 Twp. 8N R. 24E ; 3 km/mi NW of Sweetwater Summit

Lat. _____ Long. _____ Elevation 6700 Quad. Pine Grove Hills

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE .25 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 25 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Gas ROCK DATA:

TYPE (SURFACE) Quil

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____ mg -> f.g.

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA calde

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seep

PROPERTY OWNED BY BDM

PREVIOUS AND/OR CURRENT LEASES ?

JTS RBT





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11100 Date 8/5 Time 1500

Name NW 16 CW Location: Co. Douglas State Mo

Sec. 16 Twp. 9N R. 21E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5460 Quad. Topos Lake

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE 200 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 30 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Quartz

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg -> fig.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA drinking

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY private

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11101 Date 2/5 Time 940

Name Long Doctor Cold Spring Location: Co. Lyon State Nev

Sec. 4 Twp. 7N R. 24E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6600 Quad. Bridgport

Sampler STS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 25 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Cal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS

TYPE _____ mg

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cond

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seep

PROPERTY OWNED BY RLM

PREVIOUS AND/OR CURRENT LEASES ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11102 Date 8/6 Time 1600

Name Manetta Cold Well Location: .Co. Esmer State WV

Sec. _____ Twp. 5N R. 33E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4941 Quad. Teeds M. S. 4

Sampler NTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31 DEPTH _____

ODOR none BORE 6"

FLUID COLOR _____ PUMP TYPE hand

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Dal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → fg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR domestic

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: (D), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11103 Date 8/6 Time 1530

Name Company Warm Spr Location: Co. Esmer. State Ned

Sec. 31 Twp. 4N R. 33E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5160 Quad. Teele Marsh

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23°C DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) dal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → fg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BDM

PREVIOUS AND/OR CURRENT LEASES ?

JSR8F17



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11104 Date 8/6 Time 1500

Name West Coe Cold Spring Location: Co. Essex State Nev

Sec. _____ Twp. 3N R. 33E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5220 Quad. Teels Marsh

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE 3-10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) ~~Qal~~ Qal + trav

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → fig.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE Trav. WATER USED FOR IMMEDIATE AREA cattle

QUANTITY Minor USED FOR _____

COLOR white

FORM amorph. QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g. w. seepage

PROPERTY OWNED BY BDM

PREVIOUS AND/OR CURRENT LEASES ?

JTS R8F16



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11105 Date 8/6 Time 1230
Name Columbus Cold Well Location: Co. Esmeralda State Nev
Sec. 18 Twp. 3N R. 36E ; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation 4580 Quad. Columbus
Sampler PTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE 0 gpm/Lpm
GROUND TEMP. °C _____ WELL DATA:
AIR TEMP. 29 DEPTH ~ 50'
ODOR none BORE 3.5 ft
FLUID COLOR _____ PUMP TYPE none
FLUID TASTE _____ STATIC HEAD -
BUBBLING _____ SCALING -
BOILING _____ TYPE OF PIPING none
VEGETATION _____ ARTESIAN HEAD -

FLUID ISSUES FROM well ROCK DATA:
TYPE (SURFACE) Qal
COLOR brn

SALT: TYPE _____ GRAIN SIZE _____
QUANTITY _____ MEGASCOPIIC _____
COLOR _____ MINERALS ng.
FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____
TYPE _____ WATER USED FOR _____
QUANTITY _____ IMMEDIATE AREA _____
COLOR _____ USED FOR _____
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well
PROPERTY OWNED BY Private
PREVIOUS AND/OR CURRENT LEASES ?

JS RPF3



Sampled

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11106 Date 8/5 Time 1400

Name Rock House Warm Spr Location: Co Emeralda State Nev

Sec. _____ Twp. 3 N R. 32 E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5400 Quad. Teels Marsh

Sampler QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21 DISCHARGE .25 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 29 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal + Trav

COLOR brn-white

GRAIN SIZE mg -> fg

MEGASCOPIC MINERALS _____

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE travertine WATER USED FOR _____

QUANTITY major IMMEDIATE AREA _____

COLOR white USED FOR _____

FORM amorphous QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY BEM

PREVIOUS AND/OR CURRENT LEASES ?

JS R8F15





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11107 Date 8/6 Time 1300

Name German Warm Spr * Location: Co Essex State Nev

Sec. 4 Twp. 3 N R. 33 E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5376 Quad. Teels Marsh

Sampler ITS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21°C* DISCHARGE .25 gpm/Lpm
solar heated

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31 DEPTH _____
ODOR no BORE _____
FLUID COLOR _____ PUMP TYPE _____
FLUID TASTE _____ STATIC HEAD _____
BUBBLING _____ SCALING _____
BOILING _____ TYPE OF PIPING _____
VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM sal ROCK DATA:
TYPE (SURFACE) sal
COLOR brn

SALT: TYPE _____ GRAIN SIZE _____
QUANTITY _____ MEGASCOPIC _____
COLOR _____ MINERALS mg -> fg
FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____
TYPE _____ WATER USED FOR cattle
QUANTITY _____ IMMEDIATE AREA _____
COLOR _____ USED FOR _____
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w seepage
PROPERTY OWNED BY Private
PREVIOUS AND/OR CURRENT LEASES ?

JS R8F14





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11108 Date 2/4/77 Time 1045

Name Crow W.S. (EAST) Location: Co. Emeralda State Nev

Sec. - Twp. 4N R. 39E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5220 Quad. Crow Springs (7-1')

Sampler RBaltes

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23°c DISCHARGE 4-5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION green algae ARTESIAN HEAD _____

FLUID ISSUES FROM gravel bed ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fractured fault topography

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBRAF9



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11109 Date 4/5/77 Time 1530

Name McLeans W.S. Location: Co. Esmeralda State Nev

Sec. - Twp. 2N R. 39E; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4730 Quad. Devils Gate (7 1/2')

Sampler Robaker

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 28°C DISCHARGE <1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 31°C DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE salty STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION from forest ARTESIAN HEAD _____

FLUID ISSUES FROM sinkhole on ROCK DATA:

valley floor TYPE (SURFACE) Qel

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

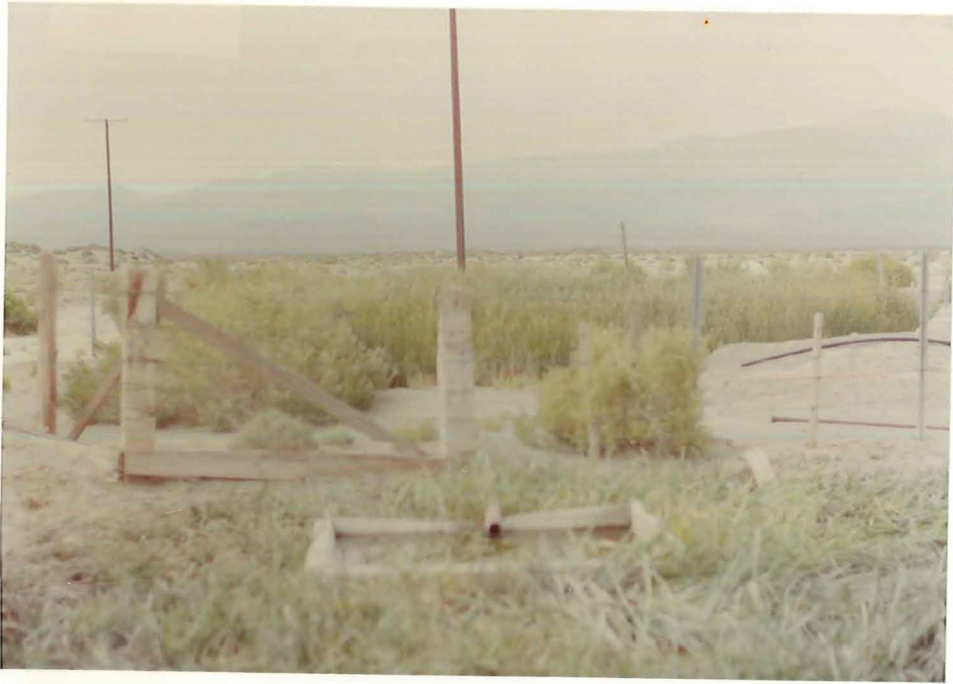
PROBABLE CAUSE OF MANIFESTATION Natural hydrothermal flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBRAF7

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11110 Date 8/5/99 Time 1000

Name Columbus W.W. Location: Co. Emerald State Nev.

NENE Sec. 17 Twp. 3N R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4570 Quad. Baldale (7 1/2')

Sampler RBaker

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21°c DISCHARGE Electric Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE 16"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE very salty STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING Steel tube

VEGETATION 0 ARTESIAN HEAD NO

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT:

GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR Mining operations

COLOR _____

FORM _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RB R4 F6



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11111 Date 2/6/97 Time 1030

Name Cross C.S. Location: Co. Emeralda State Nev.

Sec. 1 Twp. 7N R. 39E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5220 Quad. Grand Springs (7 1/2')

Sampler R. Baker

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17°C DISCHARGE < 1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION gan grass / brown algae ARTESIAN HEAD _____

FLUID ISSUES FROM drinkhole in ROCK DATA:

gravel bed TYPE (SURFACE) Qal

COLOR _____

SALT: TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Probable fault suggested by topography

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RB R4 F8



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11112 Date 8/3/72 Time 1230

Name Coyote W.S. Location: Co. Emeralda State Nev.

NESW

Sec. 15 Twp. 2S R. 38E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6120 Quad. Silverfork (15')

Sampler RB

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 24°C DISCHARGE 3-4 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grass/algae ARTESIAN HEAD _____

FLUID ISSUES FROM crack in cherty ROCK DATA:

limestone TYPE (SURFACE) Limestone

COLOR light grey

GRAIN SIZE large

MEGASCOPIC MINERALS _____

SALT: TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBRAF2 (Photo not printed)

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11113 Date 2/3/87 Time 1600

Name Cave C.S. Location: Co. Emerald State Nv

Sec. — Twp. 2S R. 37E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Rhyolite Ridge (15')

Sampler R. Baker - D. Nashman

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17° DISCHARGE 8-10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION gan grass/algae ARTESIAN HEAD _____

FLUID ISSUES FROM _____ ROCK DATA:

TYPE (SURFACE) Limestone

COLOR White

GRAIN SIZE Small

MEGASCOPIC MINERALS _____

SALT:

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ~~Natural hydrologic flow~~ Fault in Limestone Cave

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES —

RR4F5





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11114 Date 8/6 Time 1200

Name 4622 Warm Well Location: Co. Esmeralda State Nev

Sec. 4 Twp. 6S R. 43E; km/mi 8 mi. S 7559765 Line
9 mi. W. of Esmeralda & Nye County
Line

Lat. - Long. - Elevation 4622 Quad. Stonewall Pass

Sampler Bruce Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 19° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 30° DEPTH -

ODOR None BORE 8"

FLUID COLOR Clear PUMP TYPE Windmill

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Windmill well ROCK DATA:

TYPE (SURFACE) Bas

COLOR _____

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR Stock Pond

QUANTITY _____ IMMEDIATE AREA USED FOR Grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pipe

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R6-F14



STATE
TYPE OF
MATERIAL
SOME DATA
SOURCE (S)

LOCATION

NO.

DATE

BY

REMARKS

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. _____ Sample No. W11115 Date 8/6 Time 1130

Name Lida Cold Spr. Location: Co. Esméralda State New

SW, SW Sec. 36 Twp. 5S R. 40E ; km/mi - of -

Lat. - Long. - Elevation 6060 Quad. Lida

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16.5° DISCHARGE 41 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 29° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Green algae ARTESIAN HEAD _____

FLUID ISSUES FROM seep on Hillside ROCK DATA:

Flows into Pond TYPE (SURFACE) oal

COLOR _____

SALT:

TYPE No GRAIN SIZE _____

QUANTITY _____ MEGASCOPIC _____

COLOR _____ MINERALS _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR Pond

QUANTITY _____ IMMEDIATE AREA Residential

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY Private?

PREVIOUS AND/OR CURRENT LEASES -

BW-R6-F13



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11116 Date 8/6 Time 1730

Name Cedar ws Location: Co. Bernalillo State N.M.

Sec. _____ Twp. 5S R. 41E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6202 Quad. Montezuma Peak SW 7 1/2

Sampler Dallan Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 19 DISCHARGE 1 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH 1

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE no MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE no WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F18

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11117 Date 8/6 Time 1200

Name Stinking WS Location: Co. Mye State Nev.

SENE Sec. 31 Twp. 1N R. 49E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6520 Quad. Stinking Spring 15'

Sampler Dallin Musterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18.5 DISCHARGE 1 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP.	_____	DEPTH	_____
ODOR	<u>-</u>	BORE	_____
FLUID COLOR	<u>-</u>	PUMP TYPE	_____
FLUID TASTE	<u>-</u>	STATIC HEAD	_____
BUBBLING	<u>-</u>	SCALING	_____
BOILING	<u>-</u>	TYPE OF PIPING	_____
VEGETATION	<u>green algae, grass</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM	_____	ROCK DATA:	_____
_____	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	<u>white</u>

SALT:	_____	GRAIN SIZE	_____
TYPE	<u>no</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____	ALTERATION	_____
FORM	_____		_____

SINTER:	_____	RX TYPE (AT DEPTH)	_____
TYPE	<u>mg</u>	WATER USED FOR	_____
QUANTITY	_____	IMMEDIATE AREA	_____
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE: EXC., GOOD, <u>POOR</u>	_____

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F17



Send Lab Results
to address on Back



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11118 Date 8/6 Time 1445
Name Bonnie Claire Well Location: Co. Nye State Nev
Sec. — Twp. 85 R. 43-E ; _____ km/mi _____ of _____
Lat. — Long. — Elevation 3975 Quad. Bonnie Claire
Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>22°</u>	DISCHARGE	<u>?</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>37°</u>	DEPTH	<u>Dry</u>
ODOR	<u>None</u>	BORE	<u>—</u>
FLUID COLOR	<u>Clear</u>	PUMP TYPE	<u>Electric</u>
FLUID TASTE	<u>None</u>	STATIC HEAD	<u>—</u>
BUBBLING	<u>No</u>	SCALING	<u>—</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>—</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>—</u>

FLUID ISSUES FROM	<u>Hard dug</u>	ROCK DATA:	
	<u>Well</u>	TYPE (SURFACE)	<u>Gal</u>
		COLOR	_____

SALT:		GRAIN SIZE	
TYPE	<u>No</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____		
FORM	_____	ALTERATION	_____

SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>No</u>	WATER USED FOR	<u>Residential</u>
QUANTITY	_____	IMMEDIATE AREA	<u>"</u>
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE:	EXC., <u>GOOD</u> , POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pops
PROPERTY OWNED BY Robert Terrell
PREVIOUS AND/OR CURRENT LEASES —

BW-R6-FIS

Robert Terrell
P.O. 795
Goldfield, Nev 89013





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11119 Date 8/3/77 Time 1530

Name Rhyolite Ridge C.S Location: Co. Esmeralda State Nev.

Sec. _____ Twp. 25 R. 37E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6660 Quad. Rhyolite Ridge (15)

Sampler RBato - D. Mathews

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15°C DISCHARGE 8-11 gpm/Lpm

GROUND TEMP. °C 0 WELL DATA:

AIR TEMP. 0 DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION Pin pines ARTESIAN HEAD _____

FLUID ISSUES FROM side of ROCK DATA:

rhyolite canyon well TYPE (SURFACE) Rhyolite

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBRAFA

Location: _____
Elevation: _____

DATE: _____
TIME: _____



Notes: _____



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11120 Date 8/3 Time 1030

Name 5 Windmill Cold Well Location: Co. Nye State NV

NW, NW

Sec. 5 Twp. 4N R. 44E ; km/mi - of -

Lat. - Long. - Elevation 5760 Quad. Tonopah

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15° DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 28° DEPTH -

ODOR None BORE 6"

FLUID COLOR clear PUMP TYPE Windmill

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING Black algae

BOILING No TYPE OF PIPING steel

VEGETATION Green algae ARTESIAN HEAD -

FLUID ISSUES FROM Pipe on ROCK DATA:

Windmill TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE None

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA Stock Pond

QUANTITY _____ USED FOR Residential

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION windmill pipe

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES -

BW-RS-F32

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11121 Date 8/3 Time 930

Name Pumping Station Cold well Location: Co. Nye State Nev

^{NE, NE} Sec. 19 Twp. 4N R. 44E ; km/mi - of -

Lat. - Long. - Elevation 5640 Quad. Tonopah

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 24° * DISCHARGE ? gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 25° DEPTH _____

ODOR Odor BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING NO TYPE OF PIPING _____

VEGETATION None ARTESIAN HEAD _____

FLUID ISSUES FROM Holding Tank ROCK DATA:

For wells in Valley No of TYPE (SURFACE) sal

Tank. Water a combination of COLOR _____

SALT: 4-5 wells GRAIN SIZE _____

TYPE None MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR Tonopah City

QUANTITY _____ IMMEDIATE AREA Pumping Station

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Wells & Pumps

PROPERTY OWNED BY City of Tonopah

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F31

* water has been sitting in holding tank



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. _____ Sample No. W11122 Date 8/3/79 Time 1500

Name North c.s. Location: Co. Esmeralda State Nev.

Sec. 29 Twp. 1S R. 38E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7360 Quad. Rhyolite Ridge (15')

Sampler J. Matheson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15°c DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grm grass ARTESIAN HEAD _____

FLUID ISSUES FROM crack in rhyolite ROCK DATA:

ridge of canyon wall TYPE (SURFACE) Rhyolite

COLOR Pink

SALT: TYPE 0 GRAIN SIZE MEGASCOPIC MINERALS shape

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBRA F3



2/10/63

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11123 Date 8/3 Time 1100

Name Tailings Pond ww Location: Co. Emerald State Nev.

Sec. _____ Twp. 2S R. 40E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4270 Quad. Silverpeak 15'

Sampler RB-DM

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22 DISCHARGE 5000 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR - BORE _____

FLUID COLOR - PUMP TYPE electric

FLUID TASTE salty STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR white

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE NaCl

QUANTITY minor

COLOR white

FORM amorphous ALTERATION -

SINTER: RX TYPE (AT DEPTH) -

TYPE - WATER USED FOR IMMEDIATE AREA tailings pond

QUANTITY _____ USED FOR mining

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

RB R4 F1 (Not printed)

Send Lab Results
to Address on Back



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11124 Date 8/5 Time 1630
Name Five Mile Warm Spr Location: Co. Nye State Nev
Sec. — Twp. 3N R. 48E ; _____ km/mi _____ of _____
Lat. — Long. — Elevation 5200 Quad. Tonopah A.M.S.
Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>19.5°</u>	DISCHARGE	<u>10-15</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>29°</u>	DEPTH	_____
ODOR	<u>None</u>	BORE	_____
FLUID COLOR	<u>Clear</u>	PUMP TYPE	_____
FLUID TASTE	<u>None</u>	STATIC HEAD	_____
BUBBLING	<u>No</u>	SCALING	_____
BOILING	<u>No</u>	TYPE OF PIPING	_____
VEGETATION	<u>None</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>Pipe behind</u>	ROCK DATA:	
	<u>Trailer, House from</u>	TYPE (SURFACE)	<u>Gal</u>
	<u>Spring</u>	COLOR	_____
SALT:		GRAIN SIZE	_____
TYPE	<u>No</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____		
FORM	_____	ALTERATION	_____
SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>No</u>	WATER USED FOR	<u>Residential</u>
QUANTITY	_____	IMMEDIATE AREA	
COLOR	_____	USED FOR	<u>Ranching</u>
FORM	_____	QUALITY OF SAMPLE: (EXC), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION Groundwater seepage
PROPERTY OWNED BY Five Mile Ranch
PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F11

Fern Ekstrom
Five Mile Ranch

89049



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11125 Date 8/5 Time 1730

Name Willow Creek CU Location: Co. Wyo State Nev.

Sec. - Twp. 3N R. 48E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5990 Quad. Topopah AMS

Sampler Dallan Masterson

Sample Type: Spring (with pipe), ~~well (with pipe)~~, creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13.5 DISCHARGE - gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR - BORE 6"

FLUID COLOR - PUMP TYPE gas

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD no

FLUID ISSUES FROM hole in ROCK DATA:

casing TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE no MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE no WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

BW R6 F12



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11126 Date 8/5 Time 930

Name Prospect Warm Spr. Location: Co. Nye State Nev

Sec. — Twp. 6N R. 47E; km/mi 1.2 mi. N of 5 mi. W. R47E4R48E line of T6N+T5N line

Lat. — Long. — Elevation 6180 Quad. Georges Canyon Rim

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 25° DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 29° DEPTH _____

ODOR None BORE _____

FLUID COLOR Clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Grasses ARTESIAN HEAD _____

FLUID ISSUES FROM Spring in alluvium ROCK DATA:

on East side of TYPE (SURFACE) Gal

Road COLOR _____

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC. GOOD POOR

PROBABLE CAUSE OF MANIFESTATION Natural groundwater Seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F7

6

The first thing I noticed when I stepped
 out of the plane was the dry, dusty air.
 The landscape was a vast, flat expanse of
 scrubby bushes and dry grass. In the
 distance, a range of low mountains
 stretched across the horizon under a
 clear, pale sky. A small, dark wooden
 building was visible on the left side of
 the field. The overall scene was one of
 quiet isolation and rugged beauty.



The second thing I noticed was the
 sound of the wind rustling through
 the dry grass. The air felt thick
 with dust. The mountains in the
 distance looked like a giant's
 hand reaching across the sky. The
 wooden building was a stark
 contrast to the natural surroundings.
 The landscape was a mix of
 green and brown, a sign of a
 dry season. The mountains were
 a soft, hazy blue, almost
 blending into the sky. The
 wooden building was a simple,
 rectangular structure, a small
 shelter in a vast, open space.
 The overall atmosphere was one
 of quiet solitude and natural
 beauty.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11127 Date 8/5 Time 1530

Name Fallini Gold Well Location: Co. Mye State Nev.

SW, NW

Sec. 19 Twp. 5N R. 51E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5800 Quad. Tybo

Sampler Bonnie Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13° DISCHARGE 3-5 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 28° DEPTH -

ODOR None BORE 6"

FLUID COLOR Clear PUMP TYPE Windmill

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Pipe from ROCK DATA:

Windmill TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE No _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR Grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY BCM

PREVIOUS AND/OR CURRENT LEASES -

BW-R6-F10



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11128 Date 8/5 Time 9:15

Name Point of Rock WS Location: Co. Mye State Nev.

Sec. - Twp. 5N R. 47E; 18 km(mi) N of U.S. 6

Lat. _____ Long. _____ Elevation 6035 Quad. Georges Canyon Rim 7 1/2'

Sampler Dallan Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20 DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 28 DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe in ROCK DATA:

wash next to road TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA

QUANTITY _____ USED FOR cattle grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

BW R6 F6

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11129 Date 8/3 Time 1300

Name Spanish Cold Spring Location: Co. Nye State Nev

SW, SW Sec. 14 Twp. 7 N R. 44 E ; km/mi - of -

Lat. - Long. - Elevation 6580 Quad. Baxter Spring

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 24° solar heated DISCHARGE 21 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 35° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Green algae + moss ARTESIAN HEAD _____

FLUID ISSUES FROM seeps into ROCK DATA:

Small cement pool on TYPE (SURFACE) Gal

W. side Road COLOR _____

SALT: GRAIN SIZE _____

TYPE No MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR -0-

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Groundwater seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F34



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11130 Date 8/3 Time 1700

Name Saulsbury Warm Spr Location: Co. Nye State Nev

Sec. - Twp. 5N R. 46E ; _____ km/mi _____ of _____

Lat. - Long. - Elevation 6520 Quad. Saulsbury Basin

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 33° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 29° DEPTH _____

ODOR None BORE _____

FLUID COLOR Clear PUMP TYPE _____

FLUID TASTE Hard STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Green algae ARTESIAN HEAD _____

FLUID ISSUES FROM Spring in ROCK DATA:

alluvium on SE side TYPE (SURFACE) Gal

of Road COLOR _____

SALT: GRAIN SIZE _____

TYPE None MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible Intersection of N-S & NW-SE Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R5-F35





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11131 Date 8/3 Time 1200

Name Baxter Warm Spr. Location: Co. Mye State Nev.

SW, NW

Sec. 25 Twp. 7N R. 43E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6800 Quad. Baxter Spring

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 25° DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR None BORE _____

FLUID COLOR Clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION None ARTESIAN HEAD _____

FLUID ISSUES FROM Pipe beside ROCK DATA:

Water Tank on pediment S.E. of TYPE (SURFACE) Gal

mountain range COLOR _____

SALT: GRAIN SIZE _____

TYPE No MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR Stock Pond

QUANTITY _____ IMMEDIATE AREA USED FOR Grazing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11132 Date 8/4 Time 1245

Name Antelope Warm Spring Location: Co. Nye State Nev
Sec. - Twp. 5N R. 45E; km/mi 2.2 mi E 3.8 mi S. of R44E4R45E Line T4N4T5N Line

Lat. - Long. - Elevation 6480 Quad. Antelope Spring

Sampler Burke Wilhoit

Sample Type: (Spring (with pipe)), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 19° DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 35° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION None ARTESIAN HEAD _____

FLUID ISSUES FROM Spring in alluvium, next to corals ROCK DATA: TYPE (SURFACE) Sol

SALT:

TYPE None GRAIN SIZE _____

QUANTITY _____ MEGASCOPIC _____

COLOR _____ MINERALS _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR cattle

QUANTITY _____ IMMEDIATE AREA Brazing

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural groundwater seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-RC-F3



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11133 Date 8/4 Time 1045

Name Spanish Pipeline CW Location: Co. Mye State Nev.

NESW

Sec. 36 Twp. 7N R. 44E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6175 Quad. Big 10 Peak W 7 1/2'

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16 DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR - BORE _____

FLUID COLOR - PUMP TYPE gas

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe at top of tank ROCK DATA:
TYPE (SURFACE) Qal
COLOR _____

SALT: TYPE - GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

Bw R6 F1





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11134 Date 8/4 Time 1630

Name Hunts Ranch Warm Spa Location: Co. Nye State NEV

NW, SE Sec. 31 Twp. 8N R. 46E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6800 Quad. Big Ten Peak East

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 19 DISCHARGE 21 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 26° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Green algae ARTESIAN HEAD _____

FLUID ISSUES FROM Spring on ROCK DATA:

South side of Road, out TYPE (SURFACE) Lithic Conglomerate

of Rock outcrop COLOR White-grey

SALT: GRAIN SIZE Medium

TYPE None MEGASCOPIC MINERALS Rock Fragments

QUANTITY _____ Quartz

COLOR _____ amphibole

FORM _____ ALTERATION —

SINTER: RX TYPE (AT DEPTH) —

TYPE None WATER USED FOR Pond

QUANTITY _____ IMMEDIATE AREA Ranching

COLOR _____ USED FOR _____

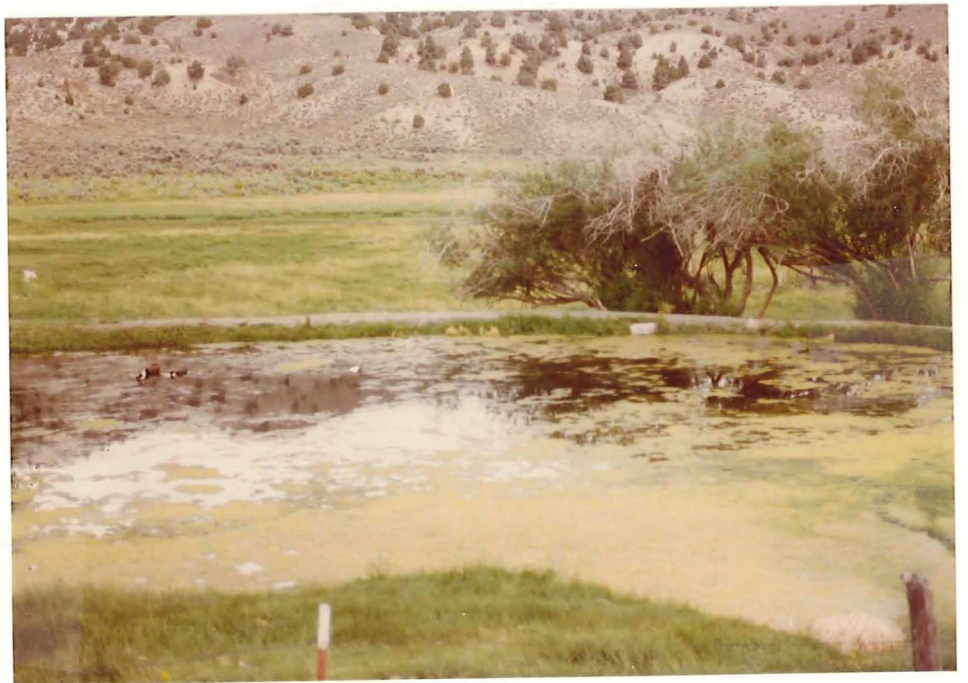
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible E-W Fault

PROPERTY OWNED BY Hunts Ranch

PREVIOUS AND/OR CURRENT LEASES —

BW-R6-F4





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11135 Date 8/5 Time 900

Name Sidehill Warm Spring Location: Co. Nye State Nev.

Sec. — Twp. 5N R. 47E; km/mi 1.8 mi W 4.5 mi S. of R47E & R48E line T5N & T6N line

Lat. — Long. — Elevation 6130 Quad. Georges Canyon Rim

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20° DISCHARGE 30-40 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 28° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Grosses & water cress ARTESIAN HEAD _____

FLUID ISSUES FROM Base of ROCK DATA:

Rock cliffs above TYPE (SURFACE) Rhyolite

Pediment COLOR Pink

SALT: GRAIN SIZE Fine

TYPE No MEGASCOPIC MINERALS Quartz

QUANTITY _____ Na-Plagioclase

COLOR _____

FORM _____ ALTERATION minor

SINTER: RX TYPE (AT DEPTH) —

TYPE No WATER USED FOR IMMEDIATE AREA — 0 —

QUANTITY _____ USED FOR — 0 —

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Groundwater through Joint & Fracture system

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R6-F5



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11136 Date 8/4 Time 1345

Name Big 10 CW Location: Co. Nye State Nev

Sec. - Twp. 7N R. 45E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6244 Quad. Big 10 CW

Sampler D. Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14.5 DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR - BORE _____

FLUID COLOR - PUMP TYPE gas

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS

TYPE -

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE - WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, (POOR)

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW R6 F3





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

3WNW

Spring No. _____ Sample No. W11137 Date 8/5 Time 1415
 Name Keystone CW Location: Co. Mo State Nev
 Sec. 11 Twp. 6N R. 50E ; _____ km/mi _____ of _____
 Lat. _____ Long. _____ Elevation 5553 Quad. Tybo 15'
 Sampler Dallan Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>18</u>	DISCHARGE	<u>—</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	<u>?</u>
ODOR	<u>—</u>	BORE	_____
FLUID COLOR	<u>—</u>	PUMP TYPE	<u>gas</u>
FLUID TASTE	<u>—</u>	STATIC HEAD	_____
BUBBLING	<u>—</u>	SCALING	_____
BOILING	<u>—</u>	TYPE OF PIPING	_____
VEGETATION	<u>—</u>	ARTESIAN HEAD	<u>no</u>
FLUID ISSUES FROM	<u>pipe</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	_____
SALT:		GRAIN SIZE	_____
TYPE	<u>no</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____		
FORM	_____	ALTERATION	_____
SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>no</u>	WATER USED FOR	<u>cattle</u>
QUANTITY	_____	IMMEDIATE AREA	<u>ranching</u>
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE:	<u>EXC.</u> , GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump
 PROPERTY OWNED BY BLM?
 PREVIOUS AND/OR CURRENT LEASES ?

BW R6 F9





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11138 Date 8/5 Time 1330

Name Kempstone Cold Spring Location: Co. Nye State Nev

NE NW Sec. 30 Twp. 7N R. 50E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6400 Quad. Tybo

Sampler Burke William

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 20 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 30° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Grasses ARTESIAN HEAD _____

FLUID ISSUES FROM Pipes at Spring ROCK DATA:
on N. Side Road TYPE (SURFACE) Quartzite

COLOR white

SALT: TYPE No GRAIN SIZE Fine
MEGASCOPIC MINERALS —

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR Livestock

QUANTITY _____ IMMEDIATE AREA USED FOR — 0 —

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

BW-RG-F8



ALBATROSS

(MAY 1911)

ALBATROSS
MAY 1911

ALBATROSS



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11139 Date 8/7 Time 1145
Name Sand Cold Spring Location: Co. Esmer State Nev
Sec. 34 Twp. 1N R. 34E ; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation 5640 Quad. Davis Mtn
Sampler _____ ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 10 gpm/Lpm
GROUND TEMP. °C _____ WELL DATA:
AIR TEMP. 31 DEPTH _____
ODOR none BORE _____
FLUID COLOR _____ PUMP TYPE _____
FLUID TASTE _____ STATIC HEAD _____
BUBBLING _____ SCALING _____
BOILING _____ TYPE OF PIPING _____
VEGETATION grass ARTESIAN HEAD _____
FLUID ISSUES FROM Gal ROCK DATA:

TYPE (SURFACE) Gal
COLOR brn
GRAIN SIZE MEGASCOPIIC MINERALS mg

SALT:

TYPE _____
QUANTITY _____
COLOR _____
FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____
TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR cauld
QUANTITY _____
COLOR _____
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION gas seepage
PROPERTY OWNED BY Blm
PREVIOUS AND/OR CURRENT LEASES ?

JS R8 FA

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11140 Date 8/7 Time 1430

Name Rhyolite Ridge Production Test Location: Co. Esmer State Nev

SW Sec. 15 Twp. 1S R. 36E ; 2 km/mi East of NW 20 W A W

Lat. _____ Long. _____ Elevation _____ Quad. Rhyolite Ridge

Sampler _____ ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 38 DISCHARGE very high ^{≈ 1600 gpm} gpm/Lpm.

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR none BORE 12-16"

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE slightly mineral STATIC HEAD _____

BUBBLING light S₂ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD lightly

FLUID ISSUES FROM production well ROCK DATA:

TYPE (SURFACE) Dal

COLOR blue

SALT:

GRAIN SIZE MEGASCOPIC MINERALS mg → 8 g

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

WATER USED FOR IMMEDIATE AREA USED FOR _____

QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION art. well

PROPERTY OWNED BY Bem?

PREVIOUS AND/OR CURRENT LEASES ?

JSRB F22



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11141 Date 8/7 Time 1300

Name NW 17 Cold Spring Location: Co. Essex State Nev

Sec. 17 Twp. 1S R. 34E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7100 Quad. Danna Mtn

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE .25 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS ng

SALT:

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA callo

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seep

PROPERTY OWNED BY BEM?

PREVIOUS AND/OR CURRENT LEASES ?

JSR8F21





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11142 Date 8/7 Time 1500

Name Sec 21 Cold Well Location: Co. Esmer State Nev

Sec. 21 Twp. 2S R. 35E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4910 Quad. Davis Mtn

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 400-500 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR none BORE 6"

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR domestic

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11143 Date 8/7 Time 1530

Name Circle & Ranch Cold Well Location: Co. Esmer State Nev

Sec. 33 Twp. 2S R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4882 Quad. mt Bancroft

Sampler QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 1200 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR none BORE 12'

FLUID COLOR _____ PUMP TYPE abv. grad; electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM ungate well ROCK DATA:

TYPE (SURFACE) gal

COLOR brn

GRAIN SIZE _____

MEGASCOPIC MINERALS mg

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA irrigation

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Circle & Ranch

PREVIOUS AND/OR CURRENT LEASES ?

Ap



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11144 Date 8/2 Time 1615

Name Fish Warm Lake Location: Co. Esmer State Nev

Sec. 26 Twp. 2S R. 35E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4866 Quad. Mt Barcroft

Sampler _____ NTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 23 → DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR no BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM out spring ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS

TYPE _____ ng sg.

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JSR8 F25



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11145 Date 2/5 Time 1600

Name SW 24 Warm Spr Location: Co. Esna State Nev

Sec. 24 Twp. 2 S R. 35 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4800 Quad. mt Bancroft

Sampler OTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION: _____ never freezes in the winter

WATER TEMP. °C 22°C DISCHARGE 0.5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM Rail ROCK DATA:

TYPE (SURFACE) Dal

COLOR brn

SALT: _____ GRAIN SIZE MEGASCOPIC MINERALS

TYPE _____ mg → fg

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: _____ RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seep

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11146 Date 8/7 Time 1700

Name Dyn P.O. Warm Well Location: Co. Esna State New

Sec. 7 Twp. 4S R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4875 Quad. Mt Ransdelt

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 26 DISCHARGE 200? gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 32 DEPTH _____

ODOR none BORE 6"

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____ mg

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR domestic

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Bo. at

PREVIOUS AND/OR CURRENT LEASES _____

7



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11147 Date 8/7 Time 1720

Name NE26 Cold Well Location: Co. Esna State Nev

Sec. 26 Twp. 2S R. 3SE ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4844 Quad. Mt. Bancroft

Sampler _____ JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18°C DISCHARGE 1000 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 33 DEPTH _____

ODOR none BORE 12"

FLUID COLOR _____ PUMP TYPE shut out electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM weld ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA irrigation

QUANTITY _____ USED FOR _____

COLOR _____

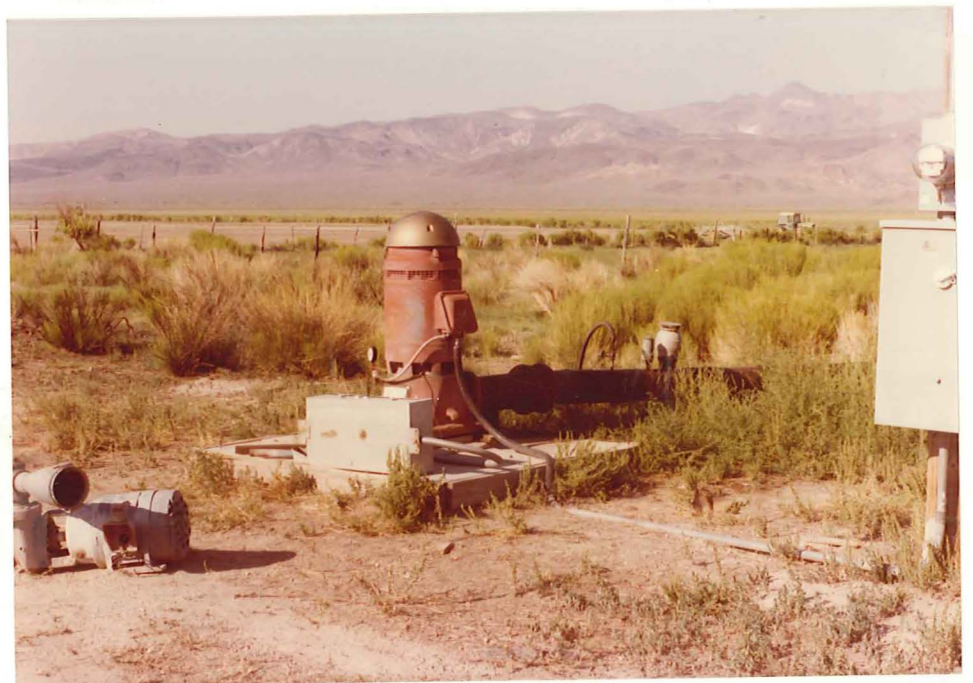
FORM _____ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____ pump

PROPERTY OWNED BY _____ Private

PREVIOUS AND/OR CURRENT LEASES _____ ?

JSRBF27





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11148 Date 8/7 Time 1430

Name FLUSH Warm Well Location: Co. Esmer State Nev

Sec. 9 Twp. 2 S R. 35 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4859 Quad. M+ Barcroft

Sampler QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 25 DISCHARGE 200 ? gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 32 DEPTH _____

ODOR none BORE 6"

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE mg

MEGASCOPIC MINERALS _____

SALT: TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR domestic

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W111149 Date 8/7 Time 1230

Name NW 20 Warm Art Well Location: Co. Egnon State New

Sec. 20 Twp. 1S R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4740 Quad. Damo Mtn

Sampler _____ NTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 25 DISCHARGE 500 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 32 DEPTH _____

ODOR no BORE 12"

FLUID COLOR _____ PUMP TYPE -

FLUID TASTE _____ STATIC HEAD -

BUBBLING _____ SCALING -

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD yes

FLUID ISSUES FROM art. well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA carls

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION art well

PROPERTY OWNED BY Bem?

PREVIOUS AND/OR CURRENT LEASES ?

JS R8 F00



2013 11/20

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1000' 1000'

Send Results

R. E Duvall
Fish Lake Valley
Via Tonopah 89049



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11150 Date 8/7 Time 1330
Name Duvall Cold Well Location: Co. Esmer State Nev
Sec. 28 Twp. 1S R. 35E ; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation 4960 Quad. Davis Mtn
Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE _____ gpm/Lpm
GROUND TEMP. °C _____ WELL DATA:
AIR TEMP. 33 DEPTH _____
ODOR none BORE _____
FLUID COLOR _____ PUMP TYPE electric
FLUID TASTE _____ STATIC HEAD _____
BUBBLING _____ SCALING _____
BOILING _____ TYPE OF PIPING steel
VEGETATION _____ ARTESIAN HEAD _____
FLUID ISSUES FROM well ROCK DATA:

SALT: TYPE _____ GRAIN SIZE _____
QUANTITY _____ MEGASCOPIIC _____
COLOR _____ MINERALS mg
FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____
TYPE _____ WATER USED FOR domestic
QUANTITY _____ IMMEDIATE AREA _____
COLOR _____ USED FOR _____
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump
PROPERTY OWNED BY Private
PREVIOUS AND/OR CURRENT LEASES P

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11151 Date 8-7-77 Time 1500

Name Kelty Canyon @ S Location: Co. Mono State Cal

Sec. SE NE 19 Twp. 2S R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6800 Quad. Class Min 15 Ca

Sampler 2D

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14.5 DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION 0 ARTESIAN HEAD _____

FLUID ISSUES FROM stream bottom ROCK DATA:

TYPE (SURFACE) Cal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: 0 EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydro flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

FD R6F23



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11152 Date 8-7-77 Time 17:00
Name River @ S. Location: Co. Mason State Ca
Sec. NENE 24 Twp. 1N R. 30E ; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation 6480 Quad. Glaso M7N
Sampler 310

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE sweet STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION algae grasses ARTESIAN HEAD _____

FLUID ISSUES FROM bank at ROCK DATA:

roadside TYPE (SURFACE) Basalt

COLOR Black

SALT: GRAIN SIZE aphan

TYPE 0 MEGASCOPIC MINERALS OLU

QUANTITY _____

COLOR _____

FORM _____ ALTERATION no

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: 0 EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION nat hydro flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

FD R6F28, 29



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11153 Date 8-7-77 Time 14:30

Name Benton H.S. Location: Co. Mono State Ca

Sec NE SW 2 Twp. 2S R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5626 Quad. Class Mtn Ca

Sampler SD

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow *

** I was denied access to Spring Took Sample at roadside*

DESCRIPTION:

WATER TEMP. °C 49* DISCHARGE 1000 (gpm)/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 0 DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING yes* SCALING _____

BOILING yes* TYPE OF PIPING _____

VEGETATION green algae ARTESIAN HEAD _____

FLUID ISSUES FROM granite ROCK DATA:

cliff at north side of road TYPE (SURFACE) granite

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR residential

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

R6 F22

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11154 Date 8-7-77 Time 16:30

Name BLACK Lake CW Location: Co. Mojo State Ca

Sec. NENW 17 Twp. 1S R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6501 Quad. Black Mt NW

Sampler FD

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 10 DISCHARGE 5 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH ?

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE windmill

FLUID TASTE 0 STATIC HEAD ?

BUBBLING 0 SCALING no

BOILING 0 TYPE OF PIPING Steel

VEGETATION 0 ARTESIAN HEAD no

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION no

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA USED FOR ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

FD R6 F27



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11155 Date 8-7-77 Time 1600

Name Black Mtn CW Location: Co. Mono State Ca

Sec. NWNE 12 Twp. 19 R. 30E; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6640 Quad. Black Mtn

Sampler 2A

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12 DISCHARGE 5 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH 3

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION 0 ARTESIAN HEAD _____

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) Gal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION no

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA USED FOR handing

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

FD R6F26



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11156 Date 8-7-77 Time 14:30
 Name Dutch Peter CS Location: Co. Mono State Ca
 Sec. SF SW 4 Twp. 25 R. 31 E ; _____ km/mi _____ of _____
 Lat. _____ Long. _____ Elevation 6410 Quad. Glenn M9
 Sampler SD

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 13 DISCHARGE 1 0 gpm/Lpm
 GROUND TEMP. °C _____ WELL DATA:
 AIR TEMP. _____ DEPTH _____
 ODOR 0 BORE _____
 FLUID COLOR 0 PUMP TYPE _____
 FLUID TASTE 0 STATIC HEAD _____
 BUBBLING 0 SCALING _____
 BOILING 0 TYPE OF PIPING _____
 VEGETATION grasses ARTESIAN HEAD _____

FLUID ISSUES FROM Steel drum ROCK DATA:
at hill side TYPE (SURFACE) Granite Part
 COLOR white Gray
 GRAIN SIZE coarse
 MEGASCOPIC MINERALS K Spot

SALT: TYPE 0 ALTERATION 0
 QUANTITY _____
 COLOR _____
 FORM _____

SINTER: RX TYPE (AT DEPTH) _____
 TYPE 0 WATER USED FOR IMMEDIATE AREA USED FOR 0
 QUANTITY _____ ranching
 COLOR _____
 FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION nat hydro flow
 PROPERTY OWNED BY _____
 PREVIOUS AND/OR CURRENT LEASES _____

FDR 6 F 254



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11157 Date 7-8-77 Time 14:00

Name Blind Hill C.S Location: Co. Monro State Ca

Sec. SE NW 36 Twp. 1S R. 31E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5520 Quad. @ base Mt 15

Sampler 2.10

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM stream bed ROCK DATA:

TYPE (SURFACE) Granite

COLOR gray

GRAIN SIZE med

MEGASCOPIC MINERALS K Spar

SALT:

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER:

RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA 0

QUANTITY _____ USED FOR ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydro flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES 0

R 4 F 21

Send analysis ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11158 Date 8-7-77 Time 11:00
Name WOLF ART W. W. Location: Co. Mono State Ca
Sec. SE 6 Twp. 1S R. 32E ; _____ km/mi _____ of _____
Lat. _____ Long. _____ Elevation 5586 Quad. Benton
Sampler J. DeBechace

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>19</u>	DISCHARGE	<u>30</u> (gpm/Lpm)
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	<u>100</u>
ODOR	<u>0</u>	BORE	<u>12"</u>
FLUID COLOR	<u>0</u>	PUMP TYPE	<u>—</u>
FLUID TASTE	<u>hard</u>	STATIC HEAD	<u>—</u>
BUBBLING	<u>0</u>	SCALING	<u>—</u>
BOILING	<u>0</u>	TYPE OF PIPING	<u>steel</u>
VEGETATION	<u>green algae</u>	ARTESIAN HEAD	<u>yes</u>
FLUID ISSUES FROM	<u>12" steel pipe</u>	ROCK DATA:	
		TYPE (SURFACE)	<u>gal</u>
		COLOR	_____
SALT:		GRAIN SIZE	_____
TYPE	<u>0</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	_____
COLOR	_____		
FORM	_____	ALTERATION	_____
SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>0</u>	WATER USED FOR	<u>ranching</u>
QUANTITY	_____	IMMEDIATE AREA	<u>'</u>
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE: (EXC.), GOOD, POOR	

PROBABLE CAUSE OF MANIFESTATION well
PROPERTY OWNED BY Willie Wolf P.O. 940 Benton Ca 93512
PREVIOUS AND/OR CURRENT LEASES no
no pic

send analysis to -

James P. Wallace
Dyer, Nev. 89016

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11159 Date 8/7/77 Time 1500
Name Sec 9 CW. Location: Co. Edwards State Nevada
Sec. 9 Twp. 4S R. 3CE ; km/mi _____ of _____
Lat. _____ Long. _____ Elevation 4880 Quad. Pipe Peak
Sampler RBaker

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16°C DISCHARGE Electric Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION 0 ARTESIAN HEAD _____

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR Irrigation

QUANTITY _____ IMMEDIATE AREA USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric pump

PROPERTY OWNED BY Wallace Ranch

PREVIOUS AND/OR CURRENT LEASES _____

No fracture -

Send analysis to:

James P. Wallace
Dyer, Nev 89010



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11160 Date 8/7/77 Time 1300

Name Sec 15 W & W, Location: Co. Esmeralda State Nev.

SWSW

Sec. 15 Twp. 4S R. 36E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4890 Quad. Lipin Peak (15')

Sampler RBatra

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 19^o DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE slightly bitter STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION 0 ARTESIAN HEAD _____

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Del

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA

QUANTITY _____ USED FOR Irrigation Ranch

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric pump

PROPERTY OWNED BY James Wallace

PREVIOUS AND/OR CURRENT LEASES _____

RB R4 F14

send analysis to,

James P. Wallace
Oyer, Nevada 89010



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

SENE

Spring No. _____ Sample No. W11161 Date 9/7/77 Time 1230

Name Sec 16 c.w. Location: Co. Esmeralda State Nev.

Sec. 16 Twp. 4S R. 36E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Pipe Peak (15')

Sampler Rebate

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15°C DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE 10"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE mineral STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING Steel tube

VEGETATION 0 ARTESIAN HEAD No

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA Do Domestic

QUANTITY _____ USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY James Wallace

PREVIOUS AND/OR CURRENT LEASES _____

RBR4F13



WELL AT THE
MOUNTAIN
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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11162 Date 8/7/77 Time 1130

Name Sec 8 W.W. Location: Co. Mono State Calif.

Sec. N108 Twp. SS R. 37E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4980 Quad. Piper Peak (15')

Sampler Roberts

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20°C DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE 2 1/2"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE slightly bitter STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING Steel tube

VEGETATION 0 ARTESIAN HEAD No

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA

QUANTITY _____ USED FOR Evaporation

COLOR _____ hard

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RB R4 12





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11163 Date 8/7/77 Time 1415

Name Sec 23 C.W Location: Co. Evanville State Nevada

SWSW Sec. 23 Twp. 4S R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4920 Quad. Piper Peak (15')

Sampler RBaker

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16°C DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE 8"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING Steel tube

VEGETATION 0 ARTESIAN HEAD No

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Qel

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA Irrigation

QUANTITY _____ USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

No picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11164 Date 8/1/77 Time 1330

Name Sec 22 C.W. Location: Co. Emery State Nev.

NENR Sec. 22 Twp. 4S R. 36E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Piper Peak (15')

Sampler P. Baker

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15°C DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE 10"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE 0 STATIC HEAD -

BUBBLING 0 SCALING -

BOILING 0 TYPE OF PIPING -

VEGETATION 0 ARTESIAN HEAD No

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR Ranching

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric Pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RB R4F15





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11165 Date 8/7 Time 1700

Name Kirkwood Cold Spr. Location: Co. Mono State Calif.

NE, SE Sec. 10 Twp. 3N R. 27E; km/mi - of -

Lat. - Long. - Elevation 6720 Quad. Trench Canyon

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 20° Partial solar Heating DISCHARGE 30-40 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 26° DEPTH _____

ODOR None BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE None STATIC HEAD _____

BUBBLING No SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Grosses ARTESIAN HEAD _____

FLUID ISSUES FROM Spring at ROCK DATA:

head of non road TYPE (SURFACE) soil

Trench COLOR _____

SALT: TYPE No GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY Inyo National Forest

PREVIOUS AND/OR CURRENT LEASES -

BW-R6-F19



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11166 Date 8/7 Time 1730

Name Walford Cold well Location: Co. Mono State Calif

NE NE Sec. 27 Twp. 3N R. 27E ; km/mi - of -

Lat. _____ Long. _____ Elevation 6480 Quad. Trench Canyon

Sampler Burke Villians

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 12° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 28° DEPTH -

ODOR None BORE 24"

FLUID COLOR Clear PUMP TYPE None

FLUID TASTE None STATIC HEAD Flowing

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Galvanized Culvert

VEGETATION Grosses ARTESIAN HEAD Flowing

FLUID ISSUES FROM Well & Pipe ROCK DATA:
in most area TYPE (SURFACE) ool

SALT:

TYPE No GRAIN SIZE

QUANTITY _____ MEGASCOPIC

COLOR _____ MINERALS

FORM _____ ALTERATION

SINTER:

RX TYPE (AT DEPTH) _____

TYPE No WATER USED FOR

QUANTITY _____ IMMEDIATE AREA

COLOR _____ USED FOR Stock Pond

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Artesian Head

PROPERTY OWNED BY Inyo Forest Service

PREVIOUS AND/OR CURRENT LEASES -

BW-R6-F20





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11167 Date 8/7 Time 1800

Name Sulphur artesian Cold well Location: Co. Mono State Calif.

SW, SE

Sec. 26 Twp. 3N R. 27E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6440 Quad. Trench Canyon

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14° DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 25° DEPTH -

ODOR Mild Sulfur BORE 6"

FLUID COLOR Clear PUMP TYPE None

FLUID TASTE High Sulfur STATIC HEAD Flowing

BUBBLING No SCALING No

BOILING No TYPE OF PIPING ?

VEGETATION White & Brown algae ARTESIAN HEAD Flowing

FLUID ISSUES FROM Well casing ROCK DATA:
in alluvium TYPE (SURFACE) Sol

COLOR _____

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR hazy

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA -0-

QUANTITY _____ USED FOR -0-

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural artesian Head

PROPERTY OWNED BY Inyo National Forest

PREVIOUS AND/OR CURRENT LEASES -

BW-R6-F21



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11168 Date 8/7 Time 1315

Name Pigeon CS Location: Co. Conover State Nev

NESE Sec. 17 Twp. 6S R. 39E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6470 Quad. Magruder W. 15'

Sampler Dallan Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 3 @gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP.	_____	DEPTH	_____
ODOR	<u>-</u>	BORE	_____
FLUID COLOR	<u>-</u>	PUMP TYPE	_____
FLUID TASTE	<u>-</u>	STATIC HEAD	_____
BUBBLING	<u>-</u>	SCALING	_____
BOILING	<u>-</u>	TYPE OF PIPING	_____
VEGETATION	<u>-</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Gal
COLOR _____

SALT: TYPE no GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____
COLOR _____
FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE na WATER USED FOR IMMEDIATE AREA cattle
QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F22





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11169 Date 8/7 Time 1245

Name Rline CS Location: Co. Comerell State New

SWSE

Sec. 14 Twp. 6S R. 39E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6880 Quad. Magruder Mtn. 15'

Sampler Dallam Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14 DISCHARGE 5 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION - ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE no MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE no WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F21





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11170 Date 8/7 Time 1045

Name Railroad CS Location: Co. Pomaredda State Nev.

Sec. - Twp. 5S R. 41E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6165 Quad. Montezuma Peak SW 7 1/2'

Sampler Dallam Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE 1 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION green algae ARTESIAN HEAD _____

FLUID ISSUES FROM stream pipe in dry bed ROCK DATA:

TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE no MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE no WATER USED FOR IMMEDIATE AREA cattle

QUANTITY _____ USED FOR grazing

COLOR _____

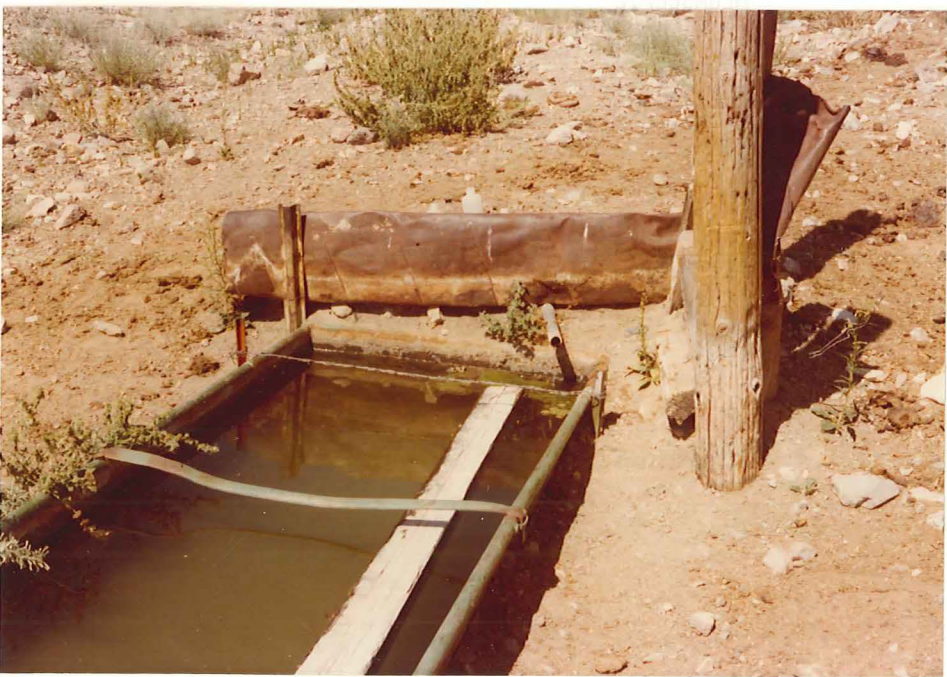
FORM _____ QUALITY OF SAMPLE: (EXC.), GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F19



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11171 Date 8/7 Time 1145

Name Indian WS Location: Co Conruda State Nev.

NENE Sec. 13 Twp. 6S R. 39E; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6880 Quad. Magruder Mtn. 15'

Sampler Dallan Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22 * DISCHARGE ? no visible outlet for pool gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP.	_____	DEPTH	_____
ODOR	<u>-</u>	BORE	_____
FLUID COLOR	<u>-</u>	PUMP TYPE	_____
FLUID TASTE	<u>-</u>	STATIC HEAD	_____
BUBBLING	<u>-</u>	SCALING	_____
BOILING	<u>-</u>	TYPE OF PIPING	_____
VEGETATION	<u>green algae, grass</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM pool ROCK DATA:

TYPE (SURFACE) Gal
COLOR _____

SALT: TYPE no GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____
COLOR _____
FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE no WATER USED FOR IMMEDIATE AREA _____
QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flows

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

PM R3 F20

* solar heated



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11172 Date 8/8 Time 1515

Name S2 WS Location: Co. Churchill State NV

S Sec. 2 Twp. 22N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4940 Quad. Shoshone Meadows 15'

Sampler Dallan Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 24* DISCHARGE 20 (gpm/Lpm)

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 28 DEPTH _____

ODOR - BORE _____

FLUID COLOR - PUMP TYPE _____

FLUID TASTE - STATIC HEAD _____

BUBBLING - SCALING _____

BOILING - TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM ground ROCK DATA:

TYPE (SURFACE) no outcrops nearby, but probably volcanic

COLOR _____

SALT: GRAIN SIZE _____

TYPE no MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE no WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F25 *probably solar heated



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11173 Date 8/8 Time 1430

Name Shoshone Meadows WS Location: Co. Churchill State Nev.

NESE Sec. 2 Twp. 22N R. 38E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4800 Quad. Shoshone Meadows 15'

Sampler Dallen Masterson

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 24 ★ DISCHARGE <1 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP.	_____	DEPTH	_____
ODOR	<u>-</u>	BORE	_____
FLUID COLOR	<u>-</u>	PUMP TYPE	_____
FLUID TASTE	<u>-</u>	STATIC HEAD	_____
BUBBLING	<u>-</u>	SCALING	_____
BOILING	<u>-</u>	TYPE OF PIPING	_____
VEGETATION	<u>grass</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM	<u>pipe at bottom of hill</u>	ROCK DATA:	
		TYPE (SURFACE)	<u>crystal tuff</u>
		COLOR	<u>white</u>

SALT:		GRAIN SIZE	<u>large</u>
TYPE	<u>no</u>	MEGASCOPIC MINERALS	<u>mica, quartz,</u>
QUANTITY	_____		<u>feldspar</u>
COLOR	_____		
FORM	_____	ALTERATION	<u>-</u>

SINTER:		RX TYPE (AT DEPTH)	<u>-</u>
TYPE	<u>no</u>	WATER USED FOR IMMEDIATE AREA	<u>-</u>
QUANTITY	_____	USED FOR	<u>-</u>
COLOR	_____		
FORM	_____	QUALITY OF SAMPLE: EXC., GOOD, <u>POOR</u>	

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

DM R3 F24

★ probably heated while buckling through pipe



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11174 Date 8/9/77 Time 1208

Name Murphy C.S. Location: Co. Mono State Calif.

NWSE

Sec. 24 Twp. 4N R. 26E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8020 Quad. Bodie (15')

Sampler RBalme

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17^o DISCHARGE 40-50 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION gor grass ARTESIAN HEAD _____

FLUID ISSUES FROM creek bed on ROCK DATA:

mountain canyon TYPE (SURFACE) Qal/Tv

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR Nothing

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR4F21



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11175 Date 8/9/77 Time 1030

Name Cajala c.s Location: Co. Hono State Calif

SWNW Sec. 14 Twp. 3 N R. 26 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Bodie (15')

Sampler R. Bohlen

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15°c DISCHARGE 10-12 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM creek bed in ROCK DATA:

mountain canyon TYPE (SURFACE) Qal

_____ COLOR _____

SALT: GRAIN SIZE _____

MEGASCOPIC _____

MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 6 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR Callb

FORM _____ Rarely

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBF4 F19



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11176 Date 8/7/77 Time 1130

Name Milk Ranch Canyon C.S. Location: Co. Mono State Calif

SENE

Sec. 8 Twp. 4N R. 27E; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 8400 Quad. Boke (15')

Sampler RBRAF

Sample Type: (Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow)

DESCRIPTION:

WATER TEMP. °C 10°C DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE slightly bitter STATIC HEAD _____

BUBBLING √0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grm grass ARTESIAN HEAD _____

FLUID ISSUES FROM side of canyon ROCK DATA:

wall TYPE (SURFACE) Qz

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE 0 _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: 0 RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR State Park

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrothermal flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBRAF20

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11177 Date 9/8/77 Time 1515

Name Sec 9 H.S. Location: Co. Mono State Calif.

SE NE Sec. 9 Twp. 4N R. 2SE; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6500 Quad. Bodie (15')

Sampler RBabes

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 40°C DISCHARGE 4-5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR _____ BORE _____

FLUID COLOR bluish PUMP TYPE _____

FLUID TASTE slightly hard STATIC HEAD _____

BUBBLING yes SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION bonafae ARTESIAN HEAD _____

FLUID ISSUES FROM sinkhole on ROCK DATA:

limestone ridge TYPE (SURFACE) limestone

COLOR gray/white

GRAIN SIZE small

MEGASCOPIC MINERALS _____

SALT:

TYPE sulfates/chlorides

QUANTITY large

COLOR white

FORM Amorphous ALTERATION Silice / Carbonates

SINTER:

RX TYPE (AT DEPTH) _____

TYPE Bo WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR Wells

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible faulting

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBRAF23



1948 11/27

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11178 Date 8/9/77 Time 1330

Name Sec 16 W. S. Location: Co. Mono State CA

NW SW

Sec. 16 Twp. 4N R. 26E; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 7860 Quad. Bodie (15')

Sampler Blake

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 26c DISCHARGE 100-150 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE slightly bitter STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grm grass/algae ARTESIAN HEAD _____

FLUID ISSUES FROM gravel bed in ROCK DATA:

mountain meadow TYPE (SURFACE) Dal / Volcanic Tuff

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE 0 _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Probable fault

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR4F22



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11179 Date 8/8/77 Time 1330

Name Mono Lake W.S. Location: Co. Mono State CA

Sec. 17 Twp. 3 N R. 28 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6740 Quad. Trench Canyon (15')

Sampler P. Bahar

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22°C DISCHARGE 4-5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE slimy / alkaline STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION gm/bm algae, grass ARTESIAN HEAD _____

FLUID ISSUES FROM inkholes on ROCK DATA:

playa sediments TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE Alkaline MEGASCOPIC MINERALS _____

QUANTITY Major _____

COLOR grey-white _____

FORM Amorphous ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR Nothing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR 3

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

PBR 4 F 16



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send analysis to: Pat Kelley
Lee Vining, CA 95431

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11180 Date 8/8/77 Time 1615

Name Nono Vista C.S. Location: Co. Mono State Calif.

S W N W Sec. 20 Twp. 2 N R. 26 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. Boche, (15')

Sampler RBaker

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14°c DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE slightly bitter STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION pin grass ARTESIAN HEAD _____

FLUID ISSUES FROM ankhole on ROCK DATA:

playa bed TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY Pat Kelley

PREVIOUS AND/OR CURRENT LEASES _____

RBRAF17



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11181 Date 8/2/77 Time 1900

Name Sec 28 CAW Location: Co. Mono State Calif

^{NENE} Sec. 28 Twp. 3N R. 28E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6480 Quad. Trench Canyon

Sampler R Babo ~~5480~~

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15c DISCHARGE 12 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grass / brn algae ARTESIAN HEAD _____

FLUID ISSUES FROM artesian well ROCK DATA:

TYPE (SURFACE) Quartz

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR Nothing

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR GOOD

PROBABLE CAUSE OF MANIFESTATION Artesian Well

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR4 F18 (Not printed)

4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11182 Date _____ Time _____

Name WALKER LAKE Location: Co. Mineral State NV

Sec. _____ Twp. _____ R. _____ ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. _____

Sampler _____

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 31° DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP.	_____	DEPTH	_____
ODOR	_____	BORE	_____
FLUID COLOR	_____	PUMP TYPE	_____
FLUID TASTE	<u>NONE</u>	STATIC HEAD	_____
BUBBLING	_____	SCALING	_____
BOILING	_____	TYPE OF PIPING	_____
VEGETATION	<u>GRASS + ALGAE</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM _____ ROCK DATA:

_____	TYPE (SURFACE)	<u>Pal</u>
_____	COLOR	<u>Brown</u>

SALT: TYPE _____ GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____ COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE	_____	WATER USED FOR IMMEDIATE AREA USED FOR	<u>RECREATION</u>
QUANTITY	_____		<u>11</u>

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11183 Date _____ Time _____

Name City of Hawthorne DRINKING WATER Location: Co. _____ State _____

Sec. _____ Twp. 8N R. 30E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation _____ Quad. _____

Sampler _____

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 28° DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR _____ BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM _____ ROCK DATA:

_____ TYPE (SURFACE) _____

_____ COLOR _____

SALT: TYPE _____ GRAIN SIZE MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR _____

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11184 Date 8/8 Time 1120

Name Soda Lake Location: Co. Churchill State Nev.

Sec. 748 Twp. 19N R. 28E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 3989 Quad. Soda Lake

Sampler Burke Williams

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 27° DISCHARGE _____ gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 28° DEPTH _____

ODOR None BORE _____

FLUID COLOR Clear PUMP TYPE _____

FLUID TASTE High NaCl STATIC HEAD _____

BUBBLING NO SCALING _____

BOILING no TYPE OF PIPING _____

VEGETATION Green Moss ARTESIAN HEAD _____

FLUID ISSUES FROM Spring in ROCK DATA:

Lake TYPE (SURFACE) Gal

COLOR _____

SALT:

TYPE NaCl - KCl GRAIN SIZE _____

QUANTITY Minor MEGASCOPIC _____

COLOR White MINERALS _____

FORM Crystals ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR Recreation

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R6-F22

* Partial Solar Heating



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

SWNW

Spring No. _____ Sample No. W11185 Date 2/13/77 Time 1730

Name Sec 20 CAN Location: Co. Phelps State Calif

Sec. 20 Twp. S2 NR. 16 E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4920 Quad. Loyalton (15')

Sampler Probe

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17.0 DISCHARGE 4-5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE 4"

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE 0 STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING Steel tube

VEGETATION fern grass ARTESIAN HEAD yes

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Dal

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR Nothing Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: (EXC., GOOD, POOR)

PROBABLE CAUSE OF MANIFESTATION Debris head

PROPERTY OWNED BY Anthony Ranch

PREVIOUS AND/OR CURRENT LEASES _____

RB RA F28



sta _____ p006

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11186 Date 9/13/77 Time 1230

Name Red Rock H.S. Location: Co. Sierra State Calif

SNNW

Sec. 24 Twp. 24N R. 17E; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4520 Quad. Chilcoot (15')

Sampler RBAHS

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 43°c DISCHARGE 100-120 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA: _____

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR greyish tint PUMP TYPE _____

FLUID TASTE slightly bitter/hard STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION grasses/shrub alpine ARTESIAN HEAD _____

FLUID ISSUES FROM crack in granite ROCK DATA: _____

at base of range TYPE (SURFACE) granite

COLOR grey

SALT: GRAIN SIZE MEGASCOPIC MINERALS large

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA Holchip

QUANTITY _____ USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Probable faulting

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR 4 F24



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11187 Date 2/13/77 Time 1700

Name Sec 5 WNW Location: Co. Plumas State Calif

NWNE Sec. 5 Twp. 22N R. 16E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Chicoat (15')

Sampler R. Baker

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22°C DISCHARGE 10-15 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE 2 1/2"

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE slightly bitter STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING steel tube

VEGETATION green algae / grass ARTESIAN HEAD yes

FLUID ISSUES FROM well head on ROCK DATA:

aluminum TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC _____

QUANTITY _____ MINERALS _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR _____

QUANTITY _____ IMMEDIATE AREA _____

COLOR _____ USED FOR Cattle Ranching

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian head

PROPERTY OWNED BY Anthony Ranch

PREVIOUS AND/OR CURRENT LEASES _____

RBRAFO7



Water trough at the farm

1912

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11188 Date 8/13/77 Time 1415

Name Sec 36 W.W. Location: Co. Plumas State Calif.

NWSE Sec. 36 Twp. 22^N R. 15E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Sycamore (K')

Sampler R Baber

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 21^o DISCHARGE Electric Pump gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE 8"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE 0 STATIC HEAD -

BUBBLING 0 SCALING -

BOILING 0 TYPE OF PIPING Steel pipe

VEGETATION 0 ARTESIAN HEAD No

FLUID ISSUES FROM well head ROCK DATA:

TYPE (SURFACE) Qel

COLOR _____

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE 0

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) 0

TYPE 0 WATER USED FOR IMMEDIATE AREA Longation

QUANTITY _____ USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric Pump

PROPERTY OWNED BY _____

PREVIOUS AND/OR CURRENT LEASES _____

RBR4 F25



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11189 Date 8/13/77 Time 1615

Name Sec 33, C.S. Location: Co. Plumas State Calif.

NW Sec. 33 Twp. 22N R. 16E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5060 Quad. Sagehen (15')

Sampler R. Baker

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 16°c DISCHARGE 8-10 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. _____ DEPTH _____

ODOR 0 BORE _____

FLUID COLOR 0 PUMP TYPE _____

FLUID TASTE slightly bitter STATIC HEAD _____

BUBBLING 0 SCALING _____

BOILING 0 TYPE OF PIPING _____

VEGETATION sun grass ARTESIAN HEAD _____

FLUID ISSUES FROM pediment at ROCK DATA:

base of range TYPE (SURFACE) Qal

COLOR _____

SALT: GRAIN SIZE _____

TYPE 0 MEGASCOPIC MINERALS _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) _____

TYPE 0 WATER USED FOR IMMEDIATE AREA Call by

QUANTITY _____ USED FOR Ranching

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrothermal flow

PROPERTY OWNED BY Ambony Ranch (Occidental Petroleum)

PREVIOUS AND/OR CURRENT LEASES _____

RBR4 F26





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11190 Date 8/13 Time 1515

Name NE 19 Cold Well Location: Co. Sandoz State Colo

Sec. 19 Twp. 19N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5000 Quad. Seminillo

Sampler NTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 100-200 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR none BORE 6"

FLUID COLOR 7 PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Dal

COLOR brn

GRAIN SIZE mg

MEGASCOPIC MINERALS _____

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR domestic

QUANTITY _____ IMMEDIATE AREA USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumps

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11191 Date 8/12 Time 1600
 Name Sec 16 Cold Spring Location: Co. Suwa State Calif
 Sec. 16 Twp. 20N R. 14E ; km/mi _____ of _____
 Lat. _____ Long. _____ Elevation 5400 Quad. Searsville
 Sampler OTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 14 DISCHARGE 50-75 gpm/Lpm
 GROUND TEMP. °C _____ WELL DATA:
 AIR TEMP. 34 DEPTH _____
 ODOR none BORE _____
 FLUID COLOR _____ PUMP TYPE _____
 FLUID TASTE _____ STATIC HEAD _____
 BUBBLING _____ SCALING _____
 BOILING _____ TYPE OF PIPING _____
 VEGETATION grass ARTESIAN HEAD _____
 FLUID ISSUES FROM PO ROCK DATA:

TYPE (SURFACE) Dal
 COLOR gray

SALT:

TYPE _____ GRAIN SIZE _____
 QUANTITY _____ MEGASCOPIC _____
 COLOR _____ MINERALS mg → 2g
 FORM _____ ALTERATION _____

SINTER:

TYPE _____ RX TYPE (AT DEPTH) _____
 QUANTITY _____ WATER USED FOR IMMEDIATE AREA cattle
 COLOR _____ USED FOR _____
 FORM _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ground seepage
 PROPERTY OWNED BY BEM
 PREVIOUS AND/OR CURRENT LEASES ?

JSR9F5



SOPE

PUMP TYPE

STATIC HEAD

SCHEMATIC

TYPE OF PUMP

APPROXIMATE

PIPE DIA.

PIPE LENGTH

FLOW

VELOCITY

HEAD

APPROXIMATE

HEAD LOSS

HEAD LOSS

TYPE

TYPE OF PUMP



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11192 Date 2/13 Time 1500

Name Sunday Creek Well Location: Co. Sierra State Calif

Sec. 4 Twp. 20N R. 13E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5020 Quad. Sierraville

Sampler _____ QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE ? gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR none BORE 6" ?

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM pump ROCK DATA:

TYPE (SURFACE) Dal

COLOR brn

GRAIN SIZE _____
MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

WATER USED FOR IMMEDIATE AREA domestic
USED FOR _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11193 Date 8/13 Time 1430

Name Copine Cold Wood Location: Co. Sierra State Calif

Sec. 17 Twp. 20N R. 13E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4960 Quad. Sevensville

Sampler _____ ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 200 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR none BORE 6"

FLUID COLOR _____ PUMP TYPE electric

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Bas

COLOR tan

SALT: GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA domestic

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____ pump

PROPERTY OWNED BY _____ private

PREVIOUS AND/OR CURRENT LEASES _____ ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11194 Date 8/13 Time 1400

Name swab warm Art. Well Location: Co. Plumas State Calif

Sec. 26 Twp. 21N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4900 Quad. Searsville

Sampler _____ GTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 22 DISCHARGE 0.5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 25 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION grass ARTESIAN HEAD yes

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Quil

COLOR brn

SALT:

GRAIN SIZE MEGASCOPIC MINERALS mg -> Sig

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA cont'd

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seep

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES _____



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11195 Date 8/13 Time 1300

Name Marble Hot Art. Well Location: Co. Plumas State Calif

Sec. 13 Twp. 22N R. 14E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4880 Quad. Portola

Sampler QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 70°C DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 34 DEPTH _____

ODOR no BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE mineral STATIC HEAD _____

BUBBLING yes SCALING min

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD yes

FLUID ISSUES FROM Art. well ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan-grey

GRAIN SIZE MEGASCOPIC MINERALS mg - fig.

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA carbo

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Fault?

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JSR9 F12



Send Analysis →

George Philippini
Box 126
Loyalton, California



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11196 Date 8/13 Time 1730

Name SE 32 Hot Air well Location: Co. Plumas State Calif

Sec. 32 Twp. 21N R. 14E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4880 Quad. Serrano

Sampler ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 60°C DISCHARGE 50 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 30 DEPTH _____

ODOR no BORE 4-6"

FLUID COLOR - PUMP TYPE _____

FLUID TASTE slightly mineral STATIC HEAD _____

BUBBLING yes SCALING _____

BOILING yes TYPE OF PIPING steel

VEGETATION no ARTESIAN HEAD yes

FLUID ISSUES FROM at well ROCK DATA:

TYPE (SURFACE) sd

COLOR brn

SALT:

TYPE _____ GRAIN SIZE _____

QUANTITY _____ MEGASCOPIC MINERALS ng

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA no

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY see above

PREVIOUS AND/OR CURRENT LEASES ? Phillips

JS R9F9,10





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11197 Date 8/13 Time 1630

Name NEIS CS Location: Co. Sierra State Calif

Sec. 15 Twp. 21N R. 15E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4950 Quad. Sierraville

Sampler NTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 0.25 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 29 DEPTH _____

ODOR none BORE _____

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION grass ARTESIAN HEAD _____

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT: TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA canals

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Private?

PREVIOUS AND/OR CURRENT LEASES ?

np.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11198 Date 8/13 Time 1530

Name Comptell Hot Spring Location: Co. Sierra State Calif.

Sec. 20 Twp. 19N R. 14E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 5000 Quad. Sierraville

Sampler JTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 38 DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 35 DEPTH _____

ODOR sulphur BORE _____

FLUID COLOR clear PUMP TYPE _____

FLUID TASTE mineral-sulfur STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING _____

VEGETATION _____ ARTESIAN HEAD _____

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA USED FOR bathtub

QUANTITY _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Fault

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JSR9F4



Well 101

DATE

STATIC HEAD

SCALE

TYPE OF PUMP

APPLIC. USE

WELL DATA

WELL DEPTH

WELL

WELL NO.

WELL DIA.

WELL CAP.

WELL MAT.

WELL CON.

WELL TEST

WELL LOG

WELL PLAN

WELL SPEC.

WELL DRAW.

WELL PHOTO.

WELL VIDEO.

WELL AUDIO.

Ground Tank 102

AIR TEMP.

WIND

PT. CLOUDS

TEMP. WIND

WIND DIR.

WIND SP.

WIND DIR.

WIND SPEED

WIND DIR.

WIND SP.

WIND DIR.

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11199 Date 8/13 Time 1500

Name SW5 Maxim Art W. 00 Location: Co. Serna State Calif

Sec. 5 Twp. 21N R. 14E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4880 Quad. Serranillo

Sampler _____ ATS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 29 DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 30 DEPTH _____

ODOR none BORE 4-6"

FLUID COLOR brn PUMP TYPE _____

FLUID TASTE mineral STATIC HEAD _____

BUBBLING no SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION _____ ARTESIAN HEAD yes

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) sal

COLOR brn

SALT:

GRAIN SIZE MEGASCOPIC MINERALS _____

TYPE _____

QUANTITY _____

COLOR _____

FORM _____ ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR _____

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY Phillipin

PREVIOUS AND/OR CURRENT LEASES ?

JS R9 F8





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11200 Date 8/13 Time 1645

Name SESW 8 Cold Art. well Location: Co. Siena State Calif

Sec. 8 Twp. 21N R. 14E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4910 Quad. Sienavillo

Sampler QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 15 DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C _____ WELL DATA:

AIR TEMP. 32 DEPTH _____

ODOR none BORE 6"

FLUID COLOR _____ PUMP TYPE _____

FLUID TASTE _____ STATIC HEAD _____

BUBBLING _____ SCALING _____

BOILING _____ TYPE OF PIPING steel

VEGETATION algae ARTESIAN HEAD yes

FLUID ISSUES FROM art well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE _____ ALTERATION _____

QUANTITY _____

COLOR _____

FORM _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____ WATER USED FOR IMMEDIATE AREA no

QUANTITY _____ USED FOR _____

COLOR _____

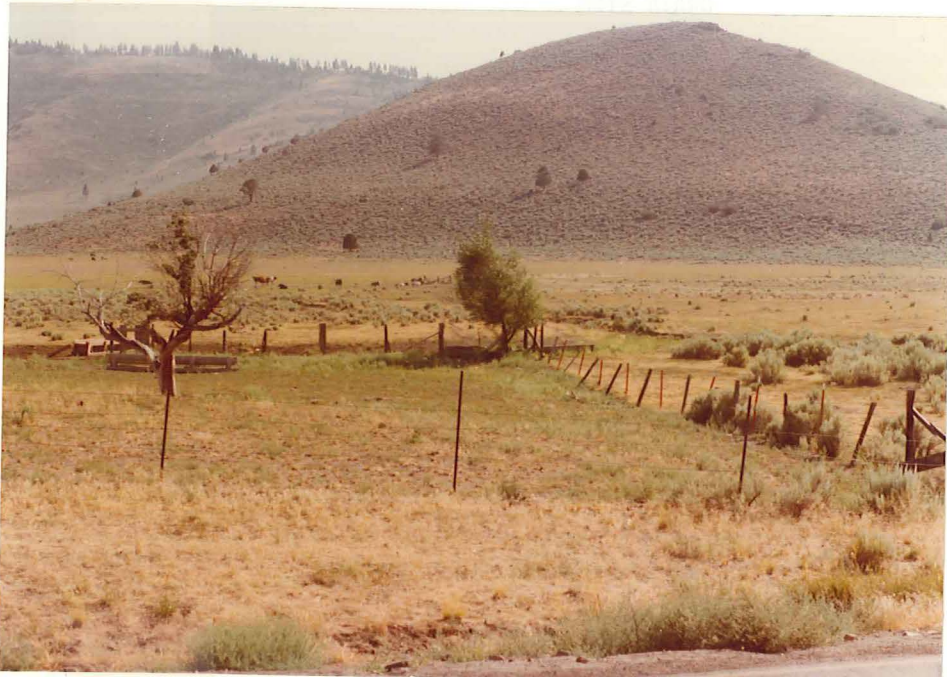
FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION art well

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES P

JS R9 F7





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11201 Date 8/13 Time 1630

Name Sec 6 Cold Spring Location: Co. Sierra State Calif

Sec. 6 Twp. 20N R. 14E ; km/mi _____ of _____

Lat. _____ Long. _____ Elevation 4950 Quad. Serranillo

Sampler QTS

Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17

DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C _____

WELL DATA:

AIR TEMP. 33

DEPTH _____

ODOR none

BORE _____

FLUID COLOR _____

PUMP TYPE _____

FLUID TASTE _____

STATIC HEAD _____

BUBBLING _____

SCALING _____

BOILING _____

TYPE OF PIPING _____

VEGETATION grass

ARTESIAN HEAD _____

FLUID ISSUES FROM Qal

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE
MEGASCOPIC
MINERALS mg

SALT:

TYPE _____

QUANTITY _____

COLOR _____

FORM _____

ALTERATION _____

SINTER:

RX TYPE (AT DEPTH) _____

TYPE _____

WATER USED FOR IMMEDIATE AREA
USED FOR casillo

QUANTITY _____

COLOR _____

FORM _____

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. drawdown

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R9FB

Send Lab Results to
Address on Back

J

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. _____ Sample No. W11202 Date 8/13 Time 1630

Name Cabin No. 13 Cold Spr Location: Co. El. Dorado State Calif

NE, SW Sec. 31 Twp. 14N R. 15E ; _____ km/mi _____ of _____

Lat. _____ Long. _____ Elevation 6000 Quad. Granite Chief

Sampler Burke Williams

Sample Type: (Spring) (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C 17° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 28° DEPTH _____

ODOR Mild Sulfur BORE _____

FLUID COLOR Clear PUMP TYPE _____

FLUID TASTE Sulfurous & Bitter STATIC HEAD _____

BUBBLING Minor CO2 SCALING _____

BOILING No TYPE OF PIPING _____

VEGETATION Brown algae ARTESIAN HEAD _____

FLUID ISSUES FROM Fractures in ROCK DATA:

Bedrock near Cabin 13 TYPE (SURFACE) Monzonite

COLOR White

SALT: GRAIN SIZE Coarse

TYPE None MEGASCOPIC MINERALS Biotite

QUANTITY _____ Quartz, Amphibole, Na-Plag-

COLOR _____ K-Feldspar

FORM _____ ALTERATION _____

SINTER: RX TYPE (AT DEPTH) _____

TYPE None WATER USED FOR IMMEDIATE AREA _____

QUANTITY _____ USED FOR Recreation

COLOR _____

FORM _____ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION _____

PROPERTY OWNED BY Orin Ellingson

PREVIOUS AND/OR CURRENT LEASES _____

No. Picture

Wentworth Spring Resort

% Orrin Ellingson

P.O. Box 1165

Auburn, California

		water No. 2	Cabin No. 13
silica	SiO ₂ -	72.6	81
	Fe ₂ O ₃ -	27.2	79.7
	Al ₂ O ₃ -	8.5	12.0
	CaO -	688.2	579.9
	MgO -	254.7	251.3
	Na ₂ O -	2,141.0	2,642.0
	K ₂ O	1,455.0	682.0
	SO ₄	21.4	21.5
	CO ₂	504.6	419.2
	Cl	2,822.0	2,538.6
	pH	6.58	6.44