

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10719 Date 6/25 Time 9:15

Name Pickett old Well Location: Co. Lander State Nev.

SW, SW, SW

Sec. 24 Twp. 30 N R. 42 E ; km/mi - of -

Lat. - Long. - Elevation 4630 Quad. McCoy

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° DISCHARGE .41 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 28° DEPTH -

ODOR None BORE 4"

FLUID COLOR clear PUMP TYPE Windmill

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING -

BOILING No TYPE OF PIPING Black Plastic

VEGETATION Green algae ARTESIAN HEAD -

FLUID ISSUES FROM Pipe on ROCK DATA:

Windmill on N. side TYPE (SURFACE) Gal

of road COLOR \_\_\_\_\_

SALT:

TYPE None GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

TYPE None RX TYPE (AT DEPTH) \_\_\_\_\_

QUANTITY \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR -0-

COLOR \_\_\_\_\_ -0-

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Windmill pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R2-F33





# Send Lab Results To Address on Back

**AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM**

Spring No. \_\_\_\_\_ Sample No. W10720 Date 6/25 Time 1045  
 Name 36 cold well Location: Co. Lander State Nev  
 Sec. 36 Twp. 30N R. 43E ; - km/mi - of -  
 Lat. - Long. - Elevation 4660 Quad. McCoy  
 Sampler Burke Williams

SE, SW

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

DESCRIPTION:

WATER TEMP. °C	<u>13°</u>	DISCHARGE	<u>500</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>37°</u>	DEPTH	<u>200'</u>
ODOR	<u>None</u>	BORE	<u>10"</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>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>-</u>
FLUID ISSUES FROM	<u>Pipe on Pump East of House</u>	ROCK DATA:	
		TYPE (SURFACE)	<u>oal</u>
		COLOR	_____

SALT:

TYPE	<u>None</u>	GRAIN SIZE MEGASCOPIC MINERALS	_____
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	ALTERATION	_____

SINTER:

		RX TYPE (AT DEPTH)	_____
TYPE	<u>None</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>Irrigation Rangeland</u>
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	QUALITY OF SAMPLE: EXC. <u>GOOD</u> POOR	

PROBABLE CAUSE OF MANIFESTATION Well with Pumps

PROPERTY OWNED BY Bob Chiara

PREVIOUS AND/OR CURRENT LEASES Dr. He

No Picture

Note on Back

Send a copy of Lab results

To. - Bob Chiara  
Box 1

Battle Mountain Nev. 89820





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10721 Date 6/25 Time 1130

Name Filippini House Well Location: Co. Lander State Nev

SE, SW Sec. 12 Twp. 29N R. 43E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4640 Quad. McCoy

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 16.50 DISCHARGE 25 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 370 DEPTH -

ODOR None BORE ?

FLUID COLOR clear PUMP TYPE Swissible

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING -

BOILING No TYPE OF PIPING Steel Galvanized

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM spicket near ROCK DATA:

S. corner of House TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR IMMEDIATE AREA Residential

QUANTITY \_\_\_\_\_ USED FOR Farming

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY Filippini Ranch

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

No Picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. \_\_\_\_\_ Sample No. W10722 Date 6/25 Time 1130

Name 12 Warm Well Location: Co. Lander State Nev

SE, SW Sec. 12 Twp. 29N R. 43E ; — km/mi — of —

Lat. — Long. — Elevation 4640 Quad. McCoy

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C \* 29° DISCHARGE ≈ 100 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 36° DEPTH —

ODOR None BORE 8"

FLUID COLOR Clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD —

BUBBLING No SCALING None

BOILING No TYPE OF PIPING aluminum

VEGETATION None ARTESIAN HEAD —

FLUID ISSUES FROM Hose from ROCK DATA:

irrigation pipe TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: TYPE None GRAIN SIZE \_\_\_\_\_  
MEGASCOPIC \_\_\_\_\_  
MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Roaching

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well with Pipe

PROPERTY OWNED BY Filippini Ranch

PREVIOUS AND/OR CURRENT LEASES ?

\* True temp. probably much lower, sample taken from 50' plastic hose that was lying in sun, water ran above hose - was taken.

No picture



# Rock Sample

## AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10723 Date 6/25 Time 1200  
Name Mound Warm Spgs. Location: Co. Lander State Nev.  
Sec. 7 Twp. 28N R. 44E; km/mi \_\_\_\_\_ of \_\_\_\_\_  
Lat. - Long. - Elevation 4760 Quad. McCoy  
Sampler Burke Williams

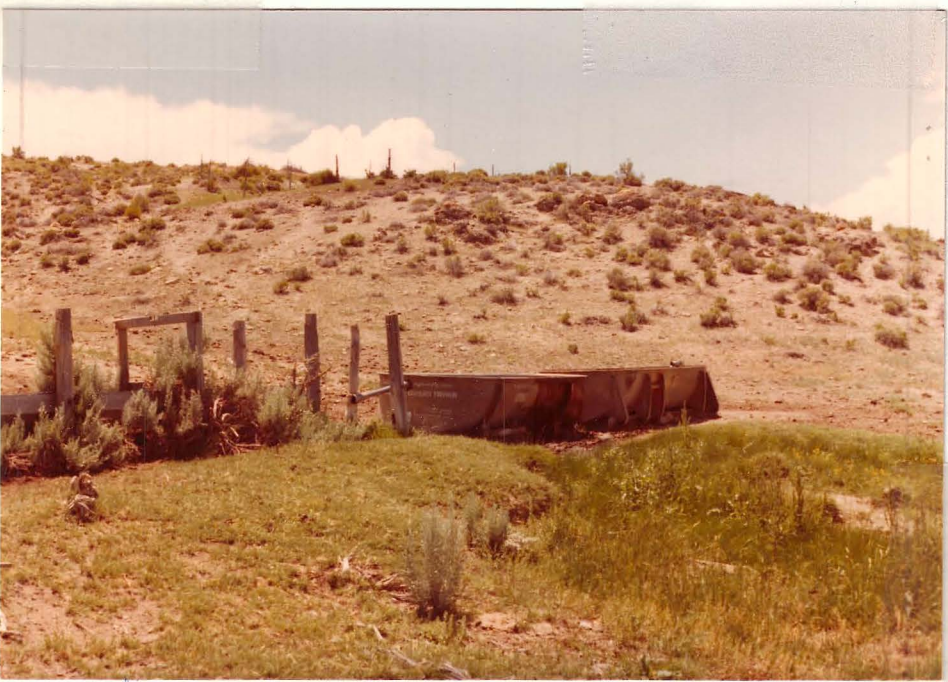
Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

### DESCRIPTION:

WATER TEMP. °C	<u>32°</u>	DISCHARGE	<u>1</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>35°</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>Green Moss &amp; algae</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>Pipe below</u>	ROCK DATA:	
<u>spring, 5 mi East of</u>		TYPE (SURFACE)	<u>CaCO<sub>3</sub></u>
<u>Highway 8A</u>		COLOR	<u>White to Grey</u>
SALT:		GRAIN SIZE	<u>Amorphous</u>
TYPE	<u>KCl</u>	MEGASCOPIC MINERALS	_____
QUANTITY	<u>Minor</u>		_____
COLOR	<u>White</u>		_____
FORM	<u>Amorphous</u>	ALTERATION	_____
SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>CaCO<sub>3</sub></u>	WATER USED FOR IMMEDIATE AREA	<u>Cattle</u>
QUANTITY	<u>Moderate</u>	USED FOR	<u>grazing</u>
COLOR	<u>White</u>		_____
FORM	<u>Amorphous</u>	QUALITY OF SAMPLE: EXC., <u>GOOD</u> , POOR	
PROBABLE CAUSE OF MANIFESTATION	<u>Fault on Flanks of Valley</u>		
PROPERTY OWNED BY	<u>BLM</u>		
PREVIOUS AND/OR CURRENT LEASES	<u>?</u>		

BW-R2-F34

# Rock Samples





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10724 Date 6/25 Time 1300

Name Mound Warm Spr. 2 Location: Co. Lander State Nev

Center Sec. 7 Twp. 28N R. 44E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Mc Coy

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 41 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 36° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Smokey PUMP TYPE \_\_\_\_\_

FLUID TASTE mild salt taste STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Grasses ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Travertine ROCK DATA:

Sink hole .2 mi east TYPE (SURFACE) CaCO<sub>3</sub>

Highway 8A COLOR Grey-white

SALT: GRAIN SIZE amorphous

TYPE None MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR - 0 -

QUANTITY Minor IMMEDIATE AREA USED FOR Grazing

COLOR Grey to white

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

PROBABLE CAUSE OF MANIFESTATION Fault paralleling valley

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R2-F35



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10725 Date 6/25 Time 1500

Name BVHS1 Location: Co. Lander State Nev.

NE, SE Sec. 23 Twp. 29N R. 41E ; - km/mi - of -

Lat. - Long. - Elevation 4610 Quad. Buffalo Springs

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 stagnant gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 36.5° DEPTH \_\_\_\_\_

ODOR Mild H<sub>2</sub>S BORE \_\_\_\_\_

FLUID COLOR Rust Brown PUMP TYPE \_\_\_\_\_

FLUID TASTE ? STATIC HEAD \_\_\_\_\_

BUBBLING Mild CO<sub>2</sub> SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Red Algal ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Sink holes ROCK DATA:

in central portion TYPE (SURFACE) Gal

of Buffalo valley 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 Grazing

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?



1740

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10726 Date 6/25 Time 1530

Name BVHS 2 Location: Co. Lander State Nev

SE, SE Sec. 23 Twp. 29N R. 41E ; km/mi - of -

Lat. - Long. - Elevation 4610 Quad. Buffalo 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 54° DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 37° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE Hard STATIC HEAD \_\_\_\_\_

BUBBLING Mild CO2 SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Sinkhole in ROCK DATA:

center of Valley TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE NaCl MEGASCOPIC \_\_\_\_\_

QUANTITY Minor MINERALS \_\_\_\_\_

COLOR white \_\_\_\_\_

FORM amorphous ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR cattle

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR Grazing

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R3-F1



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. \_\_\_\_\_ Sample No. W10727 Date 6/35 Time 1700

Name Gravel Pit Cold Spgs Location: Co. Lander State Nev

SW, NE Sec. 34 Twp. 28N R. 41E ; km/mi - of -

Lat. - Long. - Elevation 5480 Quad. Buffalo Springs

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° DISCHARGE 21 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 36° 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 Inside ROCK DATA:

Calvert pipe on West TYPE (SURFACE) Gal

side of road COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE None \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA 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-R3-F2



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10728 Date 6/25 Time 1515

Name Cave Warm Spring Location: Co. Clks State Nv.

NW Sec. 12 Twp. 29N.R. 53E; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5740 Quad. Pine Valley

Sampler Dallan Masters

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

DESCRIPTION:

WATER TEMP. °C 26 DISCHARGE 10,000 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. - DEPTH -

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE soft STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM base of limestone cliff ROCK DATA:

TYPE (SURFACE) grey limestone

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 0 \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

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 cave flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

P.M. R1 F28





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10729 Date 6/25 Time 1645

Name Mid-Line Sulphur WS Location: Co. Curaca State New

Sec. 2 & 11 Twp. 27N R. 52E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5460 Quad. Mineral Hill

Sampler D Allan Masterson

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

DESCRIPTION:

WATER TEMP. °C 24 DISCHARGE 2 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR brown PUMP TYPE \_\_\_\_\_

FLUID TASTE muddy STATIC HEAD \_\_\_\_\_

BUBBLING 6 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM ground ROCK DATA:

TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

SALT: TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: TYPE 0 WATER USED FOR IMMEDIATE AREA USED FOR cattle grazing

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION possible range fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

D.M. RIF 29





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10730 Date 6/25 Time 1730

Name Bruffy Ranch HS Location: Co Evroska State New

SE Sec. 14 Twp. 27N R. 52E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5850 Quad. Mineral Hill

Sampler Dallan Macterson

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

DESCRIPTION:

WATER TEMP. °C 39 DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE mineral STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pipe; pipe ROCK DATA:

drains from spring TYPE (SURFACE) Bas  
(covered up with boards) COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 0 \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

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 possible range fault

PROPERTY OWNED BY \_\_\_\_\_ ?

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_ ?

D.M. R1 F30



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10731 Date 6/25 Time 950

Name Storehouse Cold Spring Location: Co. Humb. State Nev

Sec. 12 Twp. 34 NR. 42 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4450 Quad. Ualmy

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 15 DISCHARGE 50 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 29 DEPTH - none -

ODOR none BORE \_\_\_\_\_

FLUID COLOR none 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 Brown

GRAIN SIZE mg. to fig  
MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - 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 Ben?

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

JS R2 F25



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10732 Date 6/25 Time 1200

Name NE 18 C&D well Location: Co. Humboldt State Ore

Sec. 18 Twp. 36N R. 44E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4512 Quad. Hot Pot

Sampler A. T. Sufale

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

DESCRIPTION:

WATER TEMP. °C 22°C ? DISCHARGE 0.5 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 32°C DEPTH — none —

ODOR none BORE \_\_\_\_\_

FLUID COLOR 1 PUMP TYPE \_\_\_\_\_

FLUID TASTE ' STATIC HEAD \_\_\_\_\_

BUBBLING ' SCALING \_\_\_\_\_

BOILING ' TYPE OF PIPING \_\_\_\_\_

VEGETATION ' ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) Gal

COLOR brown

SALT:

GRAIN SIZE \_\_\_\_\_

TYPE — none — MEGASCOPIC MINERALS m.g

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE — none — WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Bem?

PREVIOUS AND/OR CURRENT LEASES ?

JS R2 F28

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10733 Date 6/25 Time 1245  
 Name SENW 14 Cold Well Location: Co. Elko State Nev  
 Sec. 14 Twp. 37N R. 44E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4608 Quad. Midas SW  
 Sampler A.T. Scoble  
 Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>16°C</u>	DISCHARGE	<u>20-30</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	_____
AIR TEMP.	<u>32°C</u>	DEPTH	<u>(?)</u>
ODOR	<u>none</u>	BORE	<u>4-6"</u>
FLUID COLOR	_____	PUMP TYPE	<u>windmill</u>
FLUID TASTE	_____	STATIC HEAD	_____
BUBBLING	_____	SCALING	_____
BOILING	_____	TYPE OF PIPING	_____
VEGETATION	_____	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>windmill</u>	ROCK DATA:	_____
_____	_____	TYPE (SURFACE)	<u>Quil</u>
_____	_____	COLOR	<u>brown</u>
SALT:	_____	GRAIN SIZE	_____
TYPE	<u>none</u>	MEGASCOPIC	_____
QUANTITY	_____	MINERALS	<u>mg to fg</u>
COLOR	_____	ALTERATION	<u>none</u>
FORM	_____	RX TYPE (AT DEPTH)	_____
SINTER:	_____	WATER USED FOR	<u>evolve</u>
TYPE	<u>none</u>	IMMEDIATE AREA	_____
QUANTITY	_____	USED FOR	_____
COLOR	_____	QUALITY OF SAMPLE:	<u>EXC.</u> , GOOD, POOR
FORM	_____		

PROBABLE CAUSE OF MANIFESTATION pumped  
 PROPERTY OWNED BY Private Ranch?  
 PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10734 Date 6/25/77 Time 1530  
Name J-D Ranch c. Well Location: Co. Carnege State Nevada

Sec. 1 Twp. 25N R. 50E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5600 Quad. Horse Creek Valley (15)

Sampler RBahr

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

DESCRIPTION:

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

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR \_\_\_\_\_ PUMP TYPE \_\_\_\_\_

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING None SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM check diesel ROCK DATA:

Pump TYPE (SURFACE) Qc

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION None

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 Diesel pump

PROPERTY OWNED BY J-D Ranch

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RB R2 F10

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Handwritten notes on lined paper, including the word "ALTERNATIVE" and other illegible text.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10735 Date 2/24/77 Time 1715

*Henderson  
Creek*

Name ~~Hol Artesian Well~~ Henderson Creek Location: Co. Evans State Nev

Sec. 6 Twp. 26N R. 51E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Horse Creek Valley (15')

Sampler RBaker

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

DESCRIPTION:

WATER TEMP. °C 43°C DISCHARGE 40-50 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR Strongly sulfurous BORE \_\_\_\_\_

FLUID COLOR None PUMP TYPE \_\_\_\_\_

FLUID TASTE Hard STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION banalpa ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM oil valley on ROCK DATA:

creek bed TYPE (SURFACE) Bas

COLOR \_\_\_\_\_

SALT: TYPE some Ca, Mg carbonates GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION None

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA \_\_\_\_\_

COLOR \_\_\_\_\_ USED FOR Cattle

FORM \_\_\_\_\_ Ranching

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Oil drilling

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RB R2 F11



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W110736 Date 6/25 Time 845

Name Tailings Warm Well Location: Co. Lander State Nev.

SW, NE

Sec. 9 Twp. 30N R. 43E ; km/mi - of -

Lat. - Long. - Elevation 4760 Quad. McCoy

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. 30° DEPTH -

ODOR None BORE 16"

FLUID COLOR Clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING -

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Hose on ROCK DATA:

Well pipe TYPE (SURFACE) Gal

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 Mining (open pit)

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well with Pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

BW-R2-F32





4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10737 Date 6/27/91 Time 1500

Name Windmill Cold Well Location: Co. Big Horn State Mont

SWNW Sec. 4 Twp. 32N R. 78E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4760 Quad. Dumphy

Sampler PKater

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

DESCRIPTION:

WATER TEMP. °C 16°C. DISCHARGE hump gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR None PUMP TYPE \_\_\_\_\_

FLUID TASTE Tartness/sweet STATIC HEAD \_\_\_\_\_

BUBBLING NO SCALING \_\_\_\_\_

BOILING NO TYPE OF PIPING \_\_\_\_\_

VEGETATION NO ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Windmill pump ROCK DATA:

on valley floor TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION None

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR Cattle Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION hump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

ABR2 F13





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10738 Date 6/27/77 Time 1830

Name ~~By...~~ Beowawe Geysers Location: Co. Curucka State Nevada

Sec. N4W Twp. 31N R. 48E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4830 Quad. Dunphy (15')

Sampler F. Dillechiaie

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

DESCRIPTION:

WATER TEMP. °C 88°C DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR Slightly sulfurous BORE \_\_\_\_\_

FLUID COLOR Colorless PUMP TYPE \_\_\_\_\_

FLUID TASTE Hard STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION NO ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole on ROCK DATA:

valley floor TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION Silica

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE Silica SiO2 WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR Nothing

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Large fault faulting

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RB R2 R14





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10739 Date 6/23/77 Time 1415  
Name Flynn W.S. Location: Co. Esmeralda State Nevada  
Sec. 11 Twp. 26N R. 52E; km/mi \_\_\_\_\_ of \_\_\_\_\_  
Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6600 Quad. Mineral Hill (15')  
Sampler RBates

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

DESCRIPTION:

WATER TEMP. °C 24.5°C DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_  
ODOR None BORE \_\_\_\_\_  
FLUID COLOR Colorless PUMP TYPE \_\_\_\_\_  
FLUID TASTE None STATIC HEAD \_\_\_\_\_  
BUBBLING No SCALING \_\_\_\_\_  
BOILING " TYPE OF PIPING \_\_\_\_\_  
VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM middle of canyon ROCK DATA: Qal  
TYPE (SURFACE) \_\_\_\_\_  
COLOR \_\_\_\_\_

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_  
QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_ ALTERATION None  
FORM \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_  
TYPE None WATER USED FOR IMMEDIATE AREA USED FOR \_\_\_\_\_  
QUANTITY \_\_\_\_\_  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RB R2 F16

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10740 Date 6/28/17 Time 1600

Name Aiken C.S. Location: Co. Emery State Nev.

Sec. 16 Twp. 26N R. 52E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6375 Quad. Hinnel Hill

Sampler R. Baker

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. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR None PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING v TYPE OF PIPING \_\_\_\_\_

VEGETATION green, yellow algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM mountain side ROCK DATA:

TYPE (SURFACE) Del

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION None

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None 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 \_\_\_\_\_

RR2F18



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10741 Date 6/28/77 Time 1730

Name Chimney c.s. Location: Co. Cooke State NV

Sec. 36 Twp. 25N R. 51E; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5950 Quad. Mineral Hill (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 15°C DISCHARGE 20-30 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR None PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING NO SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION pin grass, algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM stream bed ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE NO MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION NO

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 Natural possible fault

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

PR R2 F19

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10742 Date 6/88 Time 935

Name Day Ranch H.S. Location: Co. Eureka State Nev.

SW NW Sec. 33 Twp. 31N R. 49E; km/mi - of -

Lat. - Long. - Elevation 4720 Quad. Beowawe

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 20 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 25 DEPTH \_\_\_\_\_

ODOR Moderate H<sub>2</sub>S BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE Bitter KCl taste STATIC HEAD \_\_\_\_\_

BUBBLING mild CO<sub>2</sub> SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Yellow sulfurous algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Travertine ROCK DATA:

round near ranchouse TYPE (SURFACE) Gal

and swimming pool COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE None \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR IMMEDIATE AREA Swimming Pool

QUANTITY \_\_\_\_\_ USED FOR Ranch

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION \_\_\_\_\_

PROPERTY OWNED BY Horseshoe Ranch

PREVIOUS AND/OR CURRENT LEASES ?

BW-23-F4







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10743 Date 6/28 Time 1200

Name 23 Cold Well Location: Co. Carson State Nev.

SWSW Sec. 23 Twp. 31N R. 47E ; km/mi 5 ← of —

Lat. — Long. — Elevation 5120 Quad. Dunphy

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 1-2 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 None ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) Sol

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR cattle

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR grazing

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural groundwater

PROPERTY OWNED BY RLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R3-F5





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10744 Date 6/28 Time 930  
 Name Bobtown Cold well Location: Co. Lander State Nevada  
 Sec. 8 Twp. 24N R. 43E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5090 Quad. Manhattan Mtn NWS  
 Sampler Joseph T. Senfido

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

DESCRIPTION:

WATER TEMP. °C	<u>15°C</u>	DISCHARGE	<u>-.5</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	<u>whelpumped</u>
AIR TEMP.	<u>29</u>	DEPTH	<u>?</u>
ODOR	<u>none</u>	BORE	<u>4-6"</u>
FLUID COLOR	<u>brown tint</u>	PUMP TYPE	<u>windmill</u>
FLUID TASTE	<u>non (rust)</u>	STATIC HEAD	<u>-</u>
BUBBLING	<u>no</u>	SCALING	<u>-</u>
BOILING	<u>,</u>	TYPE OF PIPING	<u>galv. steel</u>
VEGETATION	<u>,</u>	ARTESIAN HEAD	<u>-</u>

FLUID ISSUES FROM	<u>windmill</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>Quartz</u>
_____	_____	COLOR	<u>brown</u>

SALT:		GRAIN SIZE MEGASCOPIC MINERALS	<u>ny</u>
TYPE	<u>- none -</u>		
QUANTITY	<u>,</u>		
COLOR	<u>,</u>		
FORM	_____	ALTERATION	<u>none</u>

SINTER:		RX TYPE (AT DEPTH)	
TYPE	<u>- none -</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>water</u>
QUANTITY	<u>,</u>		
COLOR	<u>,</u>		
FORM	_____	QUALITY OF SAMPLE: EXC., GOOD, <u>POOR</u>	

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

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10745 Date 6/28 Time 10:00

Name Manhattan Mtn NE Coldwell Location: Co. hander State New

Sec. \_\_\_\_\_ Twp. 23N R. 44E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5226 Quad. Manhattan Mtn NE

Sampler Joseph T. DeFeto

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

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE .5-1 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: when pumped

AIR TEMP. 30°C DEPTH ?

ODOR none BORE 4-6"

FLUID COLOR light brown PUMP TYPE windmill

FLUID TASTE rust STATIC HEAD -

BUBBLING no SCALING -

BOILING ' TYPE OF PIPING gal. steel

VEGETATION ' ARTESIAN HEAD -

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) gal

COLOR brown

GRAIN SIZE MEGASCOPIC MINERALS org to f g.

SALT:

TYPE - none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none -

WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY B2M?

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10746 Date 6/28 Time 11:00

Name Burns Warm Spring Location: Co. Lander State Nevada

Sec. \_\_\_\_\_ Twp. 24N R. 44E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5550 Quad. Manhattan Mtn NE

Sampler Joseph T. Infante

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

DESCRIPTION:

WATER TEMP. °C 24°C DISCHARGE .25 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. 31°C DEPTH - none -

ODOR none BORE \_\_\_\_\_

FLUID COLOR none PUMP TYPE \_\_\_\_\_

FLUID TASTE none STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING galvanized steel

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pipe in Qal ROCK DATA: \_\_\_\_\_

(possible solar heating) TYPE (SURFACE) Qal

COLOR brown

SALT: GRAIN SIZE \_\_\_\_\_

TYPE - none - MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA cauld

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 R2 F30

4

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10747 Date 6/28 Time 1130

Name 5184 Cold Well Location: Co. Lander State Nev

Sec. \_\_\_\_\_ Twp. 26N R. 44E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5184 Quad. The Cedars

Sampler Joseph T. Benfante

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

DESCRIPTION:

WATER TEMP. °C 11.5°C DISCHARGE 15-1 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: when pumping

AIR TEMP. 31°C DEPTH \_\_\_\_\_

ODOR none BORE 4-6"

FLUID COLOR none PUMP TYPE \_\_\_\_\_

FLUID TASTE pipe STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING 1 TYPE OF PIPING gal. wire

VEGETATION grass w/ gal ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) Gal

COLOR brown

GRAIN SIZE MEGASCOPIC MINERALS mg. to f.g

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none

WATER USED FOR IMMEDIATE AREA cauld

QUANTITY \_\_\_\_\_

USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION windmill

PROPERTY OWNED BY BLM P

PREVIOUS AND/OR CURRENT LEASES ?

JS R2 F 32



5 ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10748 Date 6/28 Time 1145

Name Carico Lake Cold Well Location: Co. Lander State \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. 25N R. 44E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5140 Quad. Carico Lake

Sampler Joseph T. DeFata

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

DESCRIPTION:

WATER TEMP. °C 11°C DISCHARGE 0.5-1.5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: when pumping

AIR TEMP. 30°C DEPTH \_\_\_\_\_

ODOR none BORE 4-6"

FLUID COLOR clear PUMP TYPE windmill

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION grass + old gas ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) gal

COLOR brn.

GRAIN SIZE MEGASCOPIC MINERALS mg. to 8.g

SALT: TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA USED FOR cable

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BDM?

PREVIOUS AND/OR CURRENT LEASES ?

6 ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10749 Date 6/28 Time 1220

Name Phillips Cold Well Location: Co. Lander State Nevada

Sec. 9 Twp. 25N R. 45E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5205 Quad. Carico Lake

Sampler Joseph T. Sufels

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

DESCRIPTION:

WATER TEMP. °C 12°C DISCHARGE 10-20 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: when pumping

AIR TEMP. 31°C DEPTH \_\_\_\_\_

ODOR none BORE 4-6"

FLUID COLOR none PUMP TYPE gas.

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING gal. steel

VEGETATION \_\_\_\_\_ ARTESIAN HEAD -

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) Gal

COLOR brown

GRAIN SIZE MEGASCOPIC MINERALS mg to 8g

SALT: TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA USED FOR castle

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY BOM?

PREVIOUS AND/OR CURRENT LEASES ?

JS R2 F34



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10750 Date 6/28 Time 1500

Name Wholey Ranch Cold well Location: Co. Lander State Nev

Sec. 28 Twp. 26N R. 43E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5150 Quad. Carnio Lake

Sampler Joseph T. Benfalo

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: when pumping

AIR TEMP. 31 DEPTH \_\_\_\_\_

ODOR none BORE 4.6"

FLUID COLOR \_\_\_\_\_ PUMP TYPE windmill

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING gal. steel

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) gal

COLOR brown

GRAIN SIZE mg to 5g.

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none

WATER USED FOR carbo

QUANTITY \_\_\_\_\_

IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY BEM?

PREVIOUS AND/OR CURRENT LEASES ?

J S R2 F35

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10751 Date 6/28 Time 1530

Name NE Sec 15 Warm Spring Location: Co. harder State Neu.

Sec. 15 Twp. 26N R. 45E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5130 Quad. Carico Lake

Sampler A. T. DeFate

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 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 31°C DEPTH - none -

ODOR none BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE none STATIC HEAD \_\_\_\_\_

BUBBLING 1 SCALING \_\_\_\_\_

BOILING 1 TYPE OF PIPING \_\_\_\_\_

VEGETATION grass (marsh) ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brown

SALT: GRAIN SIZE MEGASCOPIC MINERALS fg. to mg.

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage possibly along fault

PROPERTY OWNED BY BEM?

PREVIOUS AND/OR CURRENT LEASES ?

JS R2 F36



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10752 Date 6/22 Time 1530

Name NW Sec 11 Cold Spring Location: Co. Lander State Nev

Sec. 11 Twp. 26N R. 45E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5100 Quad. Carvo

Sampler AT Lyle

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

DESCRIPTION:

WATER TEMP. °C 17°C DISCHARGE 1-5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 32°C DEPTH None

ODOR none BORE \_\_\_\_\_

FLUID COLOR 1 PUMP TYPE \_\_\_\_\_

FLUID TASTE 1 STATIC HEAD \_\_\_\_\_

BUBBLING 1 SCALING \_\_\_\_\_

BOILING 1 TYPE OF PIPING \_\_\_\_\_

VEGETATION marsh grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS 1

QUANTITY 1

COLOR 1

FORM 1 ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY 1 USED FOR cattle

COLOR 1

FORM 1 QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w seepage mostly along fault

PROPERTY OWNED BY BOM?

PREVIOUS AND/OR CURRENT LEASES ?

JS RS





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10753 Date 6/28 Time 1545

Name NW 16 US Location: Co. Lander State Neu.

Sec. 16 Twp. 26N R. 45E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5200 Quad. Carico Lake

Sampler: J.T. Supta

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

DESCRIPTION:

WATER TEMP. °C 20°C DISCHARGE 30-40 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 32°C DEPTH none

ODOR none BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE none STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION marsh grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brown

GRAIN SIZE MEGASCOPIC MINERALS mg to f.g.

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA USED FOR coffee

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage (solar heated)

PROPERTY OWNED BY Balm?

PREVIOUS AND/OR CURRENT LEASES ?





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10754 Date 6/28 Time 1650

Name NW SE 20 Cold Well Location: Co. Lander State Nev

Sec. 20 Twp. 27N R. 46E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5075 Quad. Carico Lake

Sampler AT Surface

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

DESCRIPTION:

WATER TEMP. °C 12°C DISCHARGE 10-20 gpm / Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 30°C DEPTH 400-500'

ODOR none BORE 16"

FLUID COLOR none PUMP TYPE gas

FLUID TASTE neutral STATIC HEAD none

BUBBLING ' SCALING -

BOILING ' TYPE OF PIPING iron

VEGETATION ' ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pump ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE MEGASCOPIC MINERALS mg to 2g.

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA cauld

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. W10755 Date 6/28 Time 1730  
 Name NE 28 Warm Spring Location: Co. Lander State Nev.  
 Sec. 28 Twp. 27N R. 46E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5000 Quad. Carson Lake  
 Sampler JT. Siefert

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

DESCRIPTION:

WATER TEMP. °C	<u>35°C</u>	DISCHARGE	<u>15</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	<u>30°C</u>	DEPTH	<u>- none -</u>
ODOR	<u>sulphur</u>	BORE	
FLUID COLOR	<u>clear</u>	PUMP TYPE	
FLUID TASTE	<u>mineralized</u>	STATIC HEAD	
BUBBLING	<u>none</u>	SCALING	
BOILING	<u>no</u>	TYPE OF PIPING	
VEGETATION	<u>brown-green algae</u>	ARTESIAN HEAD	
FLUID ISSUES FROM	<u>Qal</u>	ROCK DATA:	

		TYPE (SURFACE)	<u>Qal</u>
		COLOR	<u>tan</u>
		GRAIN SIZE MEGASCOPIC MINERALS	<u>mg to fg</u>

SALT:

TYPE	<u>- none -</u>	ALTERATION	<u>none</u>
QUANTITY			
COLOR			
FORM			

SINTER:

TYPE	<u>- none -</u>	RX TYPE (AT DEPTH)	
QUANTITY		WATER USED FOR IMMEDIATE AREA USED FOR	<u>cattle &amp; horses</u>
COLOR			
FORM		QUALITY OF SAMPLE:	<u>EXC.</u> , GOOD, POOR

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

JSRBF 4







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10756 Date 6/28 Time \_\_\_\_\_

Name Tub Cold Springs Location: Co. Latah State Wes

Sec. 21 Twp. 26N R. 46E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5400 Quad. Conoco Lake

Sampler J.T. DeFate

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

DESCRIPTION:

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

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 30°C DEPTH none

ODOR none BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE none 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 \_\_\_\_\_

TYPE none MEGASCOPIC MINERALS mg to fgs

QUANTITY !

COLOR !

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA catch

QUANTITY \_\_\_\_\_ USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY B&M?

PREVIOUS AND/OR CURRENT LEASES ?

JSR3 F# 5





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10757 Date 6/28 Time 1820  
 Name Carico Lake Ranch C.S. Location: Co. Utah State Nev.  
 Sec. 29 Twp. 27N R. 46E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5050 Quad. Carico Lake  
 Sampler JT DeFilo

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

DESCRIPTION:

WATER TEMP. °C	<u>140C</u>	DISCHARGE	<u>1-5</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	<u>29°C</u>	DEPTH	<u>none</u>
ODOR	<u>none</u>	BORE	_____
FLUID COLOR	<u>clear</u>	PUMP TYPE	_____
FLUID TASTE	<u>min mineral</u>	STATIC HEAD	_____
BUBBLING	<u>no</u>	SCALING	_____
BOILING	<u>1</u>	TYPE OF PIPING	_____
VEGETATION	<u>grass</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>Qal</u>	ROCK DATA:	

		TYPE (SURFACE)	<u>Qal</u>
		COLOR	<u>tan</u>

SALT:		GRAIN SIZE MEGASCOPIC MINERALS	<u>mg to g</u>
TYPE	<u>none</u>		

QUANTITY	_____		
COLOR	_____		
FORM	_____	ALTERATION	<u>none</u>

SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>none</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>none</u>
QUANTITY	_____		
COLOR	_____		
FORM	_____	QUALITY OF SAMPLE:	<u>EXC.</u> , GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION gw seepage  
 PROPERTY OWNED BY Carico Lake Ranch  
 PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

JSR3786





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10758 Date 6/28 ~~7/00~~ Time 1900

Name SE 16 CS Location: Co. Lander State Nev

Sec. 16 Twp. 27N R. 45E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5600 Quad. Carico Lake

Sampler JT DeFeto

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

DESCRIPTION:

WATER TEMP. °C 13°C DISCHARGE 20 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 29°C DEPTH - none -

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 grey-black

GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

SALT: TYPE - none - ALTERATION none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA USED FOR nothing

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. cleavage

PROPERTY OWNED BY BDM?

PREVIOUS AND/OR CURRENT LEASES ?

JS RS F 7





Blank lined paper with three binder holes on the right side.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10759 Date 6/30 Time 1500

Name NE 36 Warm Spring Location: Co. Churchill State New

Sec. 36 Twp. 24 N R. 35 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3600 Quad. Humboldt Salt Marsh

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 29.5 DISCHARGE 0.3-0.5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 31 DEPTH - none

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 leak ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg to < g

TYPE -KCl

QUANTITY minor

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none

QUANTITY 1 WATER USED FOR IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION a.w. drainage

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

JS RB F14

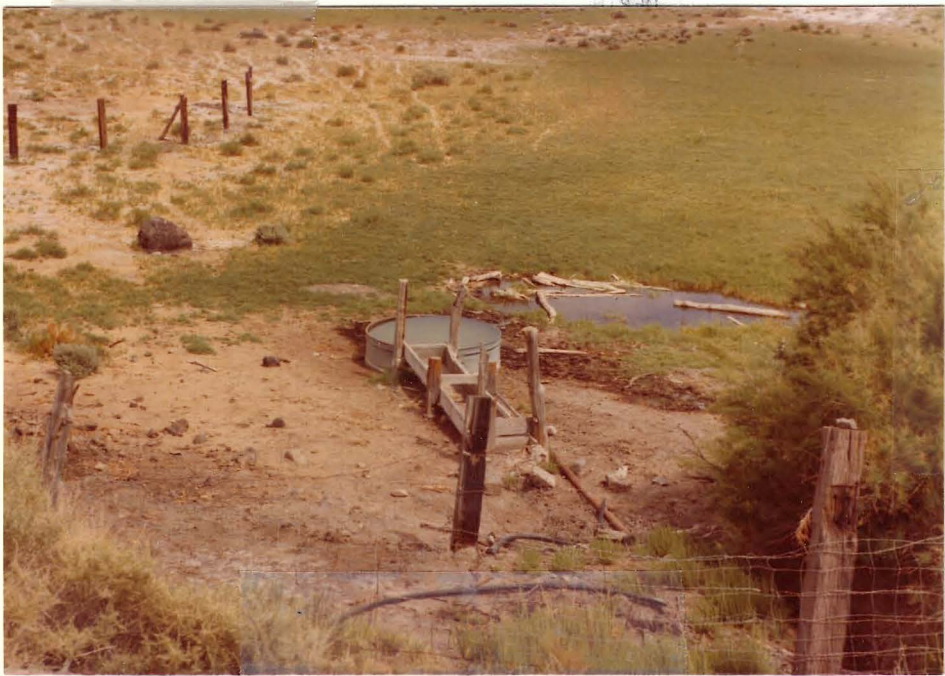


STATE OF ARIZONA  
 COUNTY OF COCHISE

I, the undersigned, Clerk of the Court, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the Court.

Witness my hand and the seal of the Court at the City of Tucson, Arizona, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
 Clerk of the Court



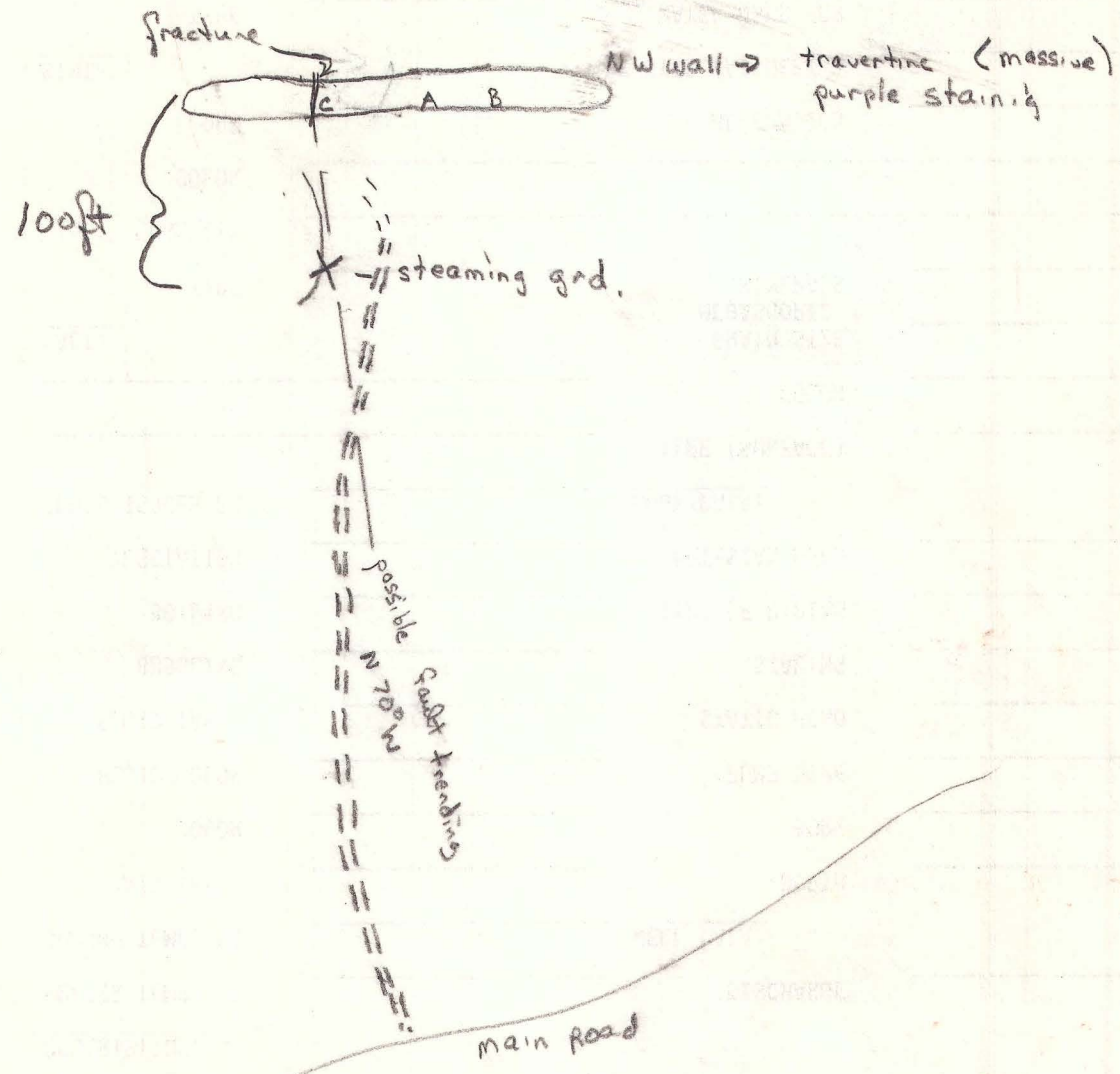
I, the undersigned, Clerk of the Court, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the Court.

Witness my hand and the seal of the Court at the City of Tucson, Arizona, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
 Clerk of the Court

SW 3A Steaming Ground  
Sec 32  
T 25N  
R 36E

Humboldt Salt Marsh Quad.



Samples

- A. Purple stained travertine
- B. Sulfur rich trau.
- C. Si rich trau.



Pictures at SW 32 Steaming grid

JS R3 F8-1A

- F8 sulfur rich soil NW of vent  
 F9 vent area  
 F10 S-rich soil and vent area  
 F11 NW wall → shows sample area

Cause

NW wall fractured and shows moist ground  
 and smells of sulfur

Vent is located 100 ft SE of this  
 area. Possible fault N70W  
 present.

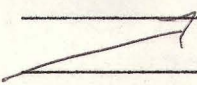


→ F8



F9

GOOD, POOR



GRAIN SIZE

SALT:

F10

gpm/lpm



F11

soil, salt, sinter,

of

State

Time





6/30/72

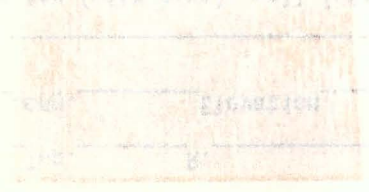
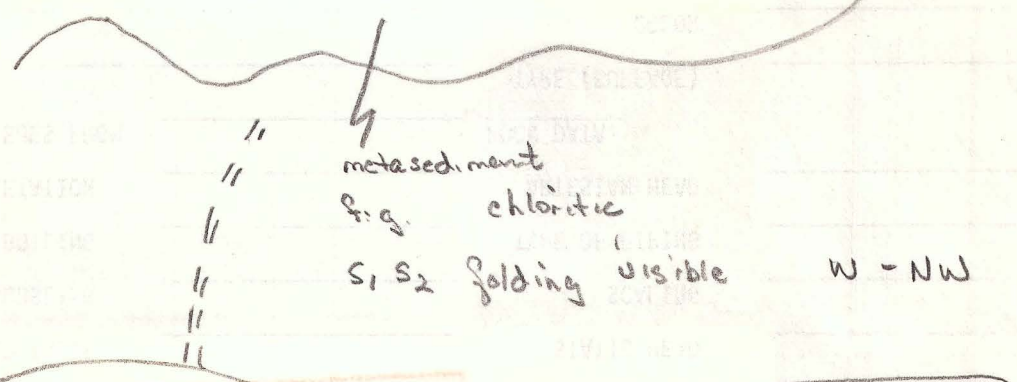
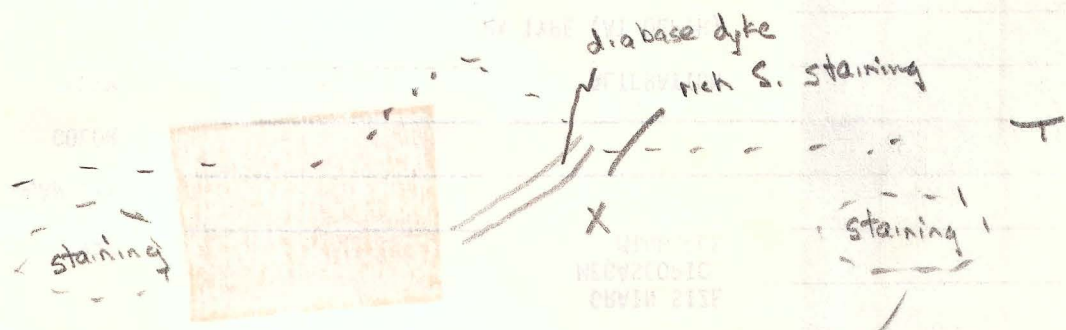
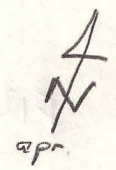
# Area 1.5 m. West of Boyer Ranch

Picture 12 overall picture

13 - rich stain area

## Humboldt Salt Marsh Quad

T24N  
R36E

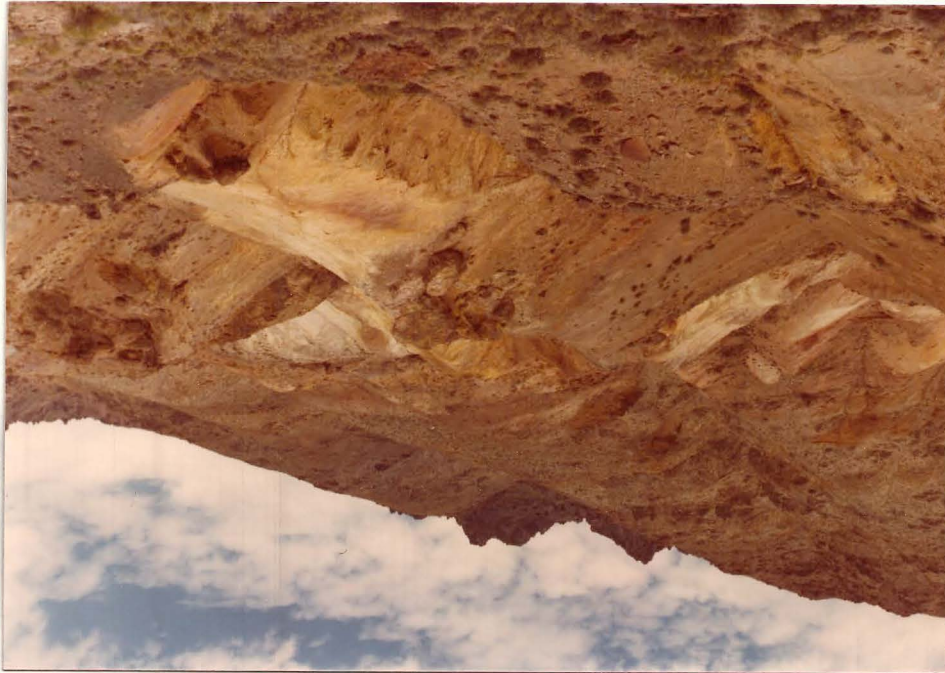


AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

State \_\_\_\_\_

of \_\_\_\_\_



soil, salt, sinter,

gpm/Lpm

F13

BUBBLING \_\_\_\_\_

SCALING \_\_\_\_\_

BOILING \_\_\_\_\_

TYPE OF PIPING \_\_\_\_\_

VEGETATION \_\_\_\_\_

ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM \_\_\_\_\_

ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) \_\_\_\_\_

COLOR \_\_\_\_\_



F12

C., GOOD, POOR

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10760 Date 6-30-77 Time 12:30  
 Name NW Sec 8 @ AW Location: Co. Church State Neu  
 Sec. NW 8 Twp. 21N R. 35E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3408 Quad. Dino Valley  
 Sampler Frank Delechaie

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

DESCRIPTION:

WATER TEMP. °C	<u>15</u>	DISCHARGE	<u>10</u> <u>(gpm/Lpm)</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	_____
ODOR	<u>0</u>	BORE	<u>6"</u>
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	<u>Steel</u>
VEGETATION	<u>0</u>	ARTESIAN HEAD	<u>yes</u>
FLUID ISSUES FROM	<u>Steel pipe</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	_____

SALT:

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

SINTER:

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

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

NO PICTURE



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10761 Date 6-30-77 Time 1300

Name DIXIE Valley HS Location: Co. Churchill State Nev

SWSE Sec. 5 Twp. 22N R. 35E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Dixie Valley 13

Sampler B. Dellechare

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

DESCRIPTION:

WATER TEMP. °C 77 DISCHARGE 50 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR \_\_\_\_\_ BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE hard s<sup>2-</sup> STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel at ROCK DATA:

road side TYPE (SURFACE) gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE SO<sub>4</sub> MEGASCOPIC \_\_\_\_\_

QUANTITY minor MINERALS \_\_\_\_\_

COLOR white

FORM Amorph. ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE SiO<sub>2</sub>(?) WATER USED FOR \_\_\_\_\_

QUANTITY minor IMMEDIATE AREA \_\_\_\_\_

COLOR white USED FOR washing

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

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_



SEND ANALYSIS ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10762 Date 6-30-77 Time 12:00

Name NE 20 WAW Location: Co. Cherokee State New

Sec. 3W NE 20 Twp. 21N R. 35E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3440 Quad. Ridge Valley

Sampler J. Dillehair

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

DESCRIPTION:

WATER TEMP. °C 22 DISCHARGE 50 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 198

ODOR 0 BORE 6"

FLUID COLOR 0 PUMP TYPE —

FLUID TASTE 0 STATIC HEAD —

BUBBLING 0 SCALING —

BOILING 0 TYPE OF PIPING Steel

VEGETATION grass ARTESIAN HEAD yes

FLUID ISSUES FROM Steel pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) gravel

TYPE 0 WATER USED FOR irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA mining

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well

PROPERTY OWNED BY V.B. AHERN Box 6 BIXIE Valley Fallon New

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

NO PICTURE

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. W10763 Sample No. W10763 Date 6/30 Time 1045

Name Hot Warm Spring Location: Co. Pershing State Nev

SWSW Sec. 28 Twp. 27N R. 40E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4520 Quad. Mt. Moses 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 29 DISCHARGE 3 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 Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0

WATER USED FOR IMMEDIATE AREA USED FOR ranching

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

D.M. R1 F31





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10764 Date 6/30 Time 1750

Name Sw 30 OS Location: Co. Perkins State Nev.

Sw Sec. 31 Twp. 30N R. 41E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4650 Quad. Buffalo Spgs. 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 18 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 grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM step at side ROCK DATA:

of road TYPE (SURFACE) Dal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 0 \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 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 7

DM R1 F 34





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10765 Date 6/30 Time 1715

Name NENW 19 WS Location: Co Pershing State Nev

NENW Sec. 19 Twp. 29N R. 41E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4650 Quad. Buffalo Springs 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 19.5 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 grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM ground ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

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 seepage

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

D.M. R1 F33





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10766 Date 6/30 Time 1130

Name SW 34 W15 Location: Co. Pershing State Nev.

NW SW Sec. 34 Twp. 27N R. 40E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4920 Quad. Mt. Moses 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 21 DISCHARGE 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 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) granite

COLOR white

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS mica

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR drinking

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR ranch

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

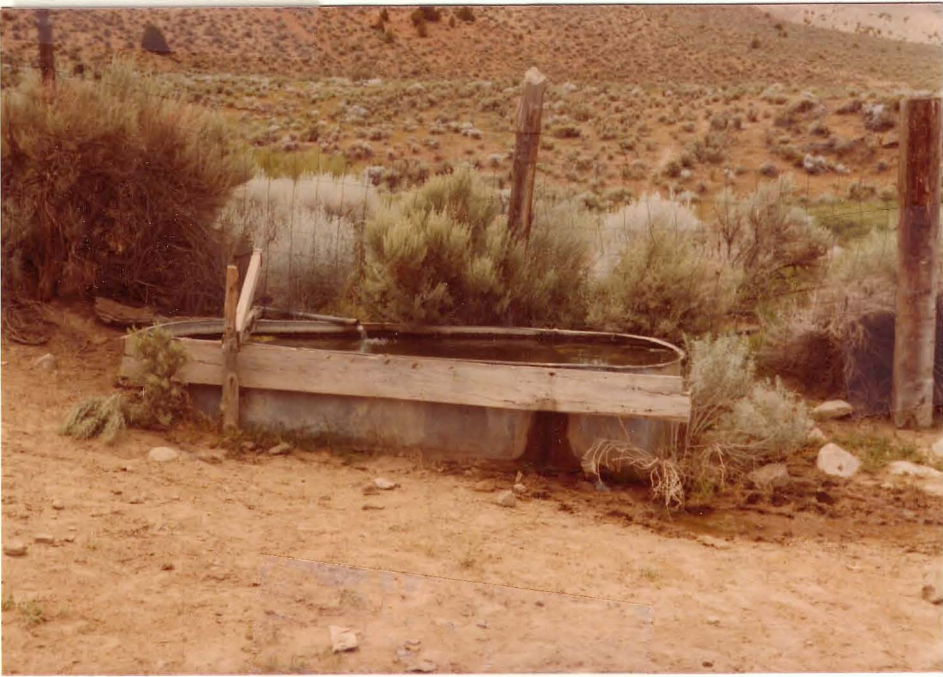
PROBABLE CAUSE OF MANIFESTATION natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R1 F32





Rock Sample



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10767 Date 6/30 Time 1030

Name Sou Warm Spr Location: Co. Pershing State Nev

SW, SE Sec. 29 Twp. 26N R. 38E ; - km/mi - of -

Lat. - Long. - Elevation 3680 Quad. Cain 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 33<sup>0</sup> DISCHARGE 41 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 34<sup>0</sup> DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING Occasional CO<sub>2</sub> SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Green algae & Cattails ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Sinkhole 1 mi. ROCK DATA:

N. of main county road TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT:

TYPE None GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR IMMEDIATE AREA USED FOR -0-

QUANTITY moderate -0-

COLOR White to Rust

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

PROBABLE CAUSE OF MANIFESTATION Possible N-S Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R3-F7

Note on Back



Most of springs are in the form of travertine line  
sinkholes which are not very active and the  
discharge is quite low, could be due  
to large irrigation wells in operation  
in the valley below.





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10768 Date 6/30 Time 1100

Name Seven Devils Warm Well Location: Co. Perkins State Nev

NW, NW, SW

Sec. 32 Twp. 26N R. 38E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3600 Quad. Cain Mountain

Sampler Burke Wellions

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

DESCRIPTION:

WATER TEMP. °C 20° DISCHARGE 200 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 34° DEPTH —

ODOR None BORE 10"

FLUID COLOR clear PUMP TYPE Diesel powered turbine

FLUID TASTE hard STATIC HEAD —

BUBBLING No SCALING None

BOILING No TYPE OF PIPING steel

VEGETATION None ARTESIAN HEAD —

FLUID ISSUES FROM Pipe going ROCK DATA:

to diesel powered well 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 Irrigation

QUANTITY \_\_\_\_\_ USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well with Pump

PROPERTY OWNED BY Seven Devils Ranch

PREVIOUS AND/OR CURRENT LEASES ?

B.W.-R3-F8







*Wm*

Rock Sample ✓✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10769 Date 6/30 Time 1200

Name Hyder Hot Spring Location: Co. Perdley State Nev.

NW, SW

Sec. 28 Twp. 25N R. 38E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3540 Quad. Cain 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 78° DISCHARGE 25-50 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING Moderate CO2 SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Green, Brown, White algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole at ROCK DATA:

top of Grass covered TYPE (SURFACE) Gal

Travertine cone COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE ? MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY Minor \_\_\_\_\_

COLOR Lt. Brown \_\_\_\_\_

FORM anopalous ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO3 WATER USED FOR \_\_\_\_\_

QUANTITY Extensive IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR white to Rust Brown \_\_\_\_\_

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

PROBABLE CAUSE OF MANIFESTATION Dixie Valley Fault System

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R3-F9





Rock Sample ✓✓

Send Lab Results  
To Address on Back

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10770 Date 6/30 Time 1300

Name Lower Ranch Hot Spgs. Location: Co. Pershing State Nev.

SW, NW Sec. 16 Twp. 25N R. 39E; - km/mi - of -

Lat. - Long. - Elevation \_\_\_\_\_ Quad. Cain 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 40° DISCHARGE 20 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 37° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Green & Brown algae ARTESIAN HEAD \_\_\_\_\_  
green moss

FLUID ISSUES FROM Springs below ROCK DATA:

rock wall .2 mi East of TYPE (SURFACE) Sal

House COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR \_\_\_\_\_

QUANTITY Moderate IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR White \_\_\_\_\_

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

PROBABLE CAUSE OF MANIFESTATION N-S Fault

PROPERTY OWNED BY Denar Dall

PREVIOUS AND/OR CURRENT LEASES None

Bw. - R3 - F10411

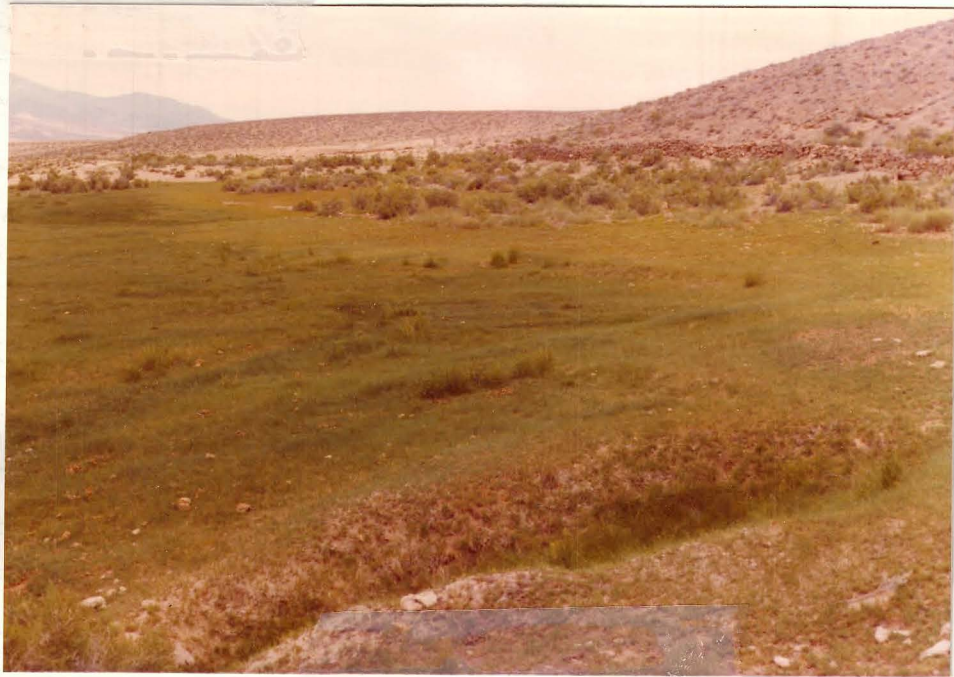


Demar Dahl

Box 1590

Battle Mountain 89820

Nev.





Send Lab Results  
To address on Back



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10771 Date 6/30 Time 1345

Name McCoy Hot Springs Location: Co. Pershing State Nev.

SW, NW

Sec. 33 Twp. 26N R. 39E; - km/mi - of -

Lat. - Long. - Elevation 3720 Quad. Cain 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 46.5° DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 37° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE mild salt STATIC HEAD \_\_\_\_\_

BUBBLING Mildly SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Seep in ROCK DATA:

Central Portion of Valley TYPE (SURFACE) Sol

3/4 mile S.E. of McCoy Ranch COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE KCl

QUANTITY minor

COLOR White

FORM Amorphous ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR -0-

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY Mineral Rights Demar Dahl

PREVIOUS AND/OR CURRENT LEASES None

B.W. - RW - F12



V  
Demar Dahl

Box 1590

Battle Mountain Nev. 89820





Rock Sample

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10772 Date 6/30 Time 1500

Name 19 Hot Spr Location: Co. Pershing State New

SW, NW, NE Sec. 19 Twp. 26N R. 40E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. - Long. - Elevation 4080 Quad. Cain 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 40.5° DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 37° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING mild CO2 SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Rust Red algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Trench on ROCK DATA:

east side of Travertine TYPE (SURFACE) contact of Sediments of Cain

ground 1/4 mile east of County Rd. COLOR SS, & conglomerate with

SALT: GRAIN SIZE Gal

TYPE None MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO3 WATER USED FOR -0-

QUANTITY Moderate IMMEDIATE AREA USED FOR -0-

COLOR Lt. Brown

FORM amorphous QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Fault along Base of Cain Mountain

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R3-F13







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10773 Date 6/30 Time 1600

Name Home Station Hot Spr. Location: Co. Perkins State Nev

SW, NE Sec. 7 Twp. 26N R. 40E ; km/mi - of -

Lat. - Long. - Elevation 3960 Quad. Cain 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 47° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 37° DEPTH \_\_\_\_\_

ODOR Strong Sulfur odor BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE Mild Salt taste STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Green & Brown algae some Sulfur deposits ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Pipe on W. ROCK DATA:

Side of County Road TYPE (SURFACE) Gal

2 mi north of Home Station Ranch COLOR \_\_\_\_\_

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR IMMEDIATE AREA USED FOR -0-

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

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

PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY Blm

PREVIOUS AND/OR CURRENT LEASES ?

BW-R3-F14



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10774 Date 6/30 Time 1715

Name Horse Trough C. Sprs. Location: Co. Perkins State Nev.

SE, SE Sec. 10 Twp. 27N R. 38E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4160 Quad. Coin Mountain

Sampler Burke Villiers

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

DESCRIPTION:

WATER TEMP. °C 16° DISCHARGE 2-3 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 Pipe in Horse ROCK DATA:

Conrad, Behind Barn on TYPE (SURFACE) oal

East side of Paris Ranch Rd. COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR Cattle

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranching

COLOR \_\_\_\_\_

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

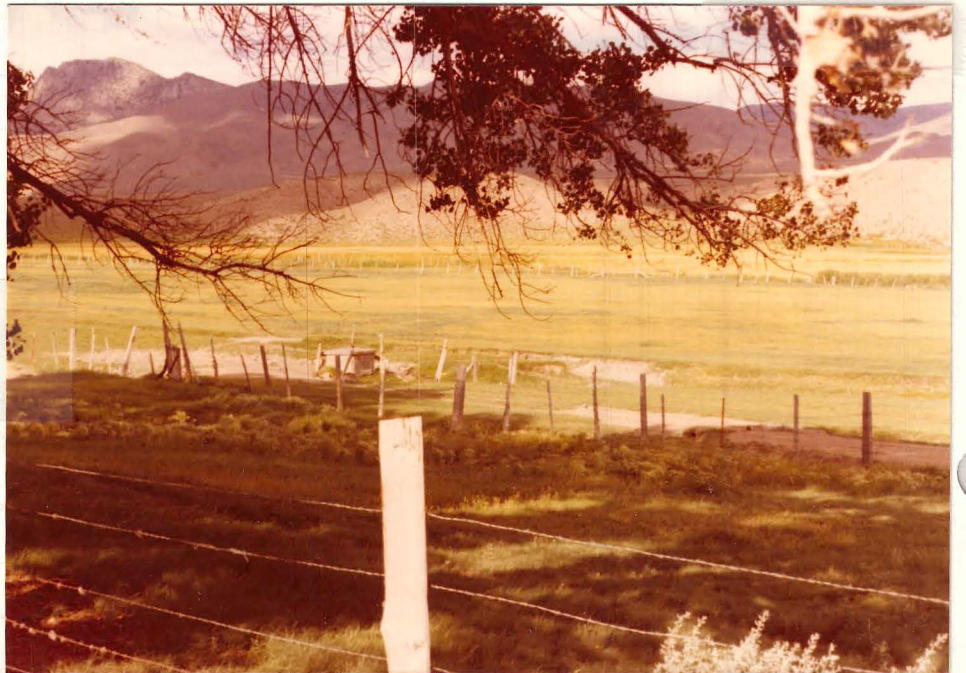
PROBABLE CAUSE OF MANIFESTATION Groundwater seepage,

PROPERTY OWNED BY Paris Ranch

PREVIOUS AND/OR CURRENT LEASES None

BW-R2-F15

Paris Bros. Ranch  
Pleasant Valley  
Box 388  
Winemucca Nev. 89445





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V

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10775 Date 6/30 Time 1730

Name Orchard Wm Spr. Location: Co. Pershing State Nev.

NE, NE, SE

Sec. 10 Twp. 27N R. 38E; — km/mi — of —

Lat. — Long. — Elevation 4280 Quad. Cain Mountain

Sampler Burke Wilkins

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>10-15</u> gpm/Lpm
GROUND TEMP. °C	<u>—</u>	WELL DATA:	
AIR TEMP.	<u>35°</u>	DEPTH'	_____
ODOR	<u>None</u>	B'	_____
FLUID COLOR	<u>Clear</u>	PUMP TY	_____
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 Recent Box over Spr. ROCK DATA:

on E. side of Rock near Orchard TYPE (SURFACE) ool  
4 pipe to Road House COLOR \_\_\_\_\_

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR IMMEDIATE AREA Residential  
QUANTITY \_\_\_\_\_ USED FOR Ranching

COLOR \_\_\_\_\_  
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Flow

PROPERTY OWNED BY Paris Ranch

PREVIOUS AND/OR CURRENT LEASES None

BW R3 - F16

Paris Bros. Ranch

Pleasant Valley

Box 388

Winemucca Nev. 89445





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10776 Date 6/30 Time 1800

Name 2. Flowing <sup>Warm</sup> Well Location: Co. Pershing State Nev

SE, NW

Sec. 2 Twp. 27N R. 38E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4160 Quad. Cain 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 22° DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 33° 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 Pipe at water ROCK DATA:

Trough from Flowing well TYPE (SURFACE) oil

on E. side of Paris Ranch Rd 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 Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Hydrostatic Head, Flowing Well

PROPERTY OWNED BY Paris Ranch

PREVIOUS AND/OR CURRENT LEASES None

BW-R3-F17





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10777 Date 7/77 Time 1830

Name Sulphur W.S. Location: Co. Humboldt State Nev.

Sec. 34 Twp. 35N R. 41E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4985 Quad. Brooks Spring (7 1/2')

Sampler Rhabe

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

DESCRIPTION:

WATER TEMP. °C 18°c

DISCHARGE 30-40 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 brn algae, grass

ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM creek bed at

ROCK DATA:

bottom of range

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE No

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION None

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No

WATER USED FOR IMMEDIATE AREA Walt Colts

QUANTITY \_\_\_\_\_

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 \_\_\_\_\_

RR2 P24



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10778 Date 7/1/77 Time 1630

Name Sec 3 Warm Well Location: Co. Humboldt State Nevada

*North Center*

Sec. 3 Twp. <sup>33N</sup>~~32N~~ R. 40E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4680 Quad. Gold Run Creek (7 1/2')

Sampler R. Baha

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

DESCRIPTION:

WATER TEMP. °C 23.5°C DISCHARGE Well gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 16"

FLUID COLOR 0 PUMP TYPE Drill

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING Iron Tubing

VEGETATION 0 ARTESIAN HEAD NO

FLUID ISSUES FROM Well ROCK DATA:

TYPE (SURFACE) Qz

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 \_\_\_\_\_

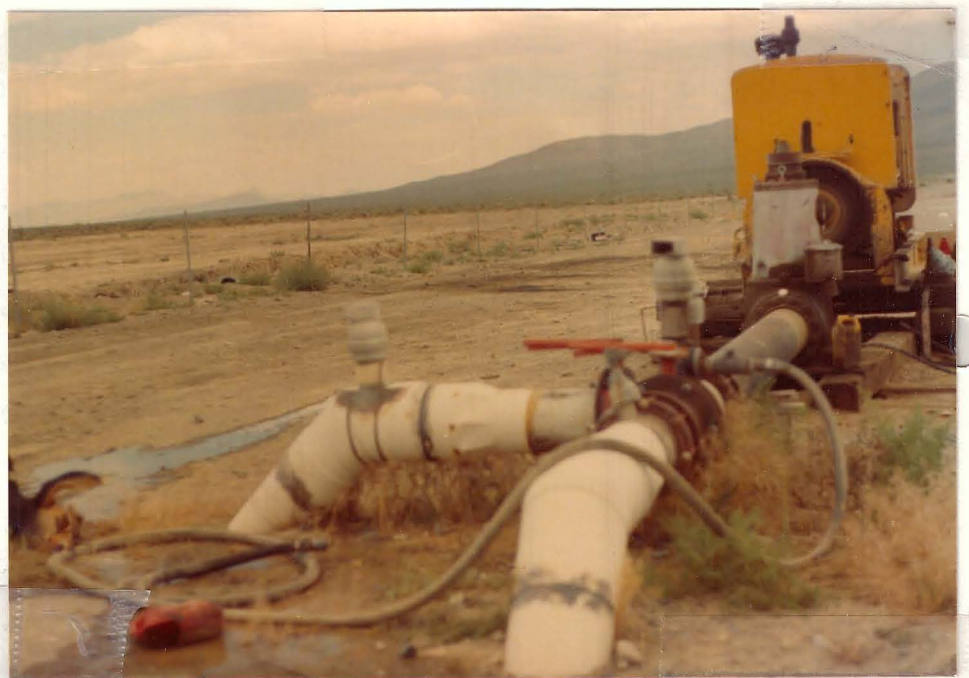
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well Pump

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

PB R2 F23





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RBR2 F 21 → Hot Spgs Ranch (General) and Magma Production Well

2 SAMPLES

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10780 Date 4/1/77 Time 1530

Name Hot Spgs Ranch EAST A.S. Location: Co. Humboldt State Nevada

Sec. 5 Twp. 33 N R. 40 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4800 Quad. Goldman Creek (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 78°c DISCHARGE 150-200 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION brush, grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM fracture at ROCK DATA:

base of mountain range TYPE (SURFACE) Bas

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE carbonates/sulphates MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY Major \_\_\_\_\_

COLOR White \_\_\_\_\_

FORM Amorphous ALTERATION None

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE SiO2 WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY Major USED FOR \_\_\_\_\_

COLOR White \_\_\_\_\_

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

PROBABLE CAUSE OF MANIFESTATION Large fault fault

PROPERTY OWNED BY Tony Tipton

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR2 F 22



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10781 Date 7/1 Time 1130

Name SE 22 CW Location: Co. Humboldt State Nev

Sec. 22 Twp. 38N R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4320 Quad. Bliss

Sampler J. T. Senftle

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

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE 200 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 30°C DEPTH ?

ODOR none BORE 6"

FLUID COLOR ' PUMP TYPE submersible electric

FLUID TASTE ' STATIC HEAD -

BUBBLING ' SCALING -

BOILING ' TYPE OF PIPING iron + (gal steel)

VEGETATION ' ARTESIAN HEAD -

FLUID ISSUES FROM galvanized ROCK DATA:

pipe TYPE (SURFACE) gal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg to fig.

TYPE - none -

QUANTITY 1

COLOR '

FORM . ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA irrigation

QUANTITY 1 USED FOR cattle

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. W10782 Date 7/1 Time 1200

Name SE 3 Hot Artesian Well Location: Co. Humb. State Neu

Sec. 3 Twp. 38 N R. 39 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4310 Quad. Bliss

Sampler J.T. Senftle

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

DESCRIPTION:

WATER TEMP. °C 65°C DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. 30 DEPTH ?

ODOR none BORE 6"

FLUID COLOR clear PUMP TYPE art.

FLUID TASTE slightly mineralized STATIC HEAD -

BUBBLING slightly, CO<sub>2</sub> SCALING minor CO<sub>2</sub>

BOILING no TYPE OF PIPING iron

VEGETATION none ARTESIAN HEAD yes

FLUID ISSUES FROM 6" Arts. ROCK DATA: \_\_\_\_\_

pipe TYPE (SURFACE) gal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg to fig

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION no

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR IMMEDIATE AREA USED FOR combs

QUANTITY minor

COLOR white

FORM amorphous QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION artesian well

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

JS R3 F17  
F18 → sealing & dep.

F17



F18





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10783 Date 7/1 Time 1715

Name Nw 23 cold well Location: Co. Humb State Neu

Sec. 23 Twp. 38N R. 38E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4500 Quad. Bliss

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 18°C

DISCHARGE 10 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 \_\_\_\_\_

ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pumped pipe

ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE \_\_\_\_\_

TYPE none

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none

WATER USED FOR IMMEDIATE AREA castle

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10784 Date 7/1 Time 11:00  
 Name Eden Valley Warm Well Location: Co. Humb. State Neu.  
 Sec. 21 Twp. 39N R. 38E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4316 Quad. Bliss  
 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	<u>18.5°C</u>	DISCHARGE	<u>1200</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	_____
AIR TEMP.	<u>30°C</u>	DEPTH	<u>?</u>
ODOR	<u>none</u>	BORE	<u>16"</u>
FLUID COLOR	<u>1</u>	PUMP TYPE	<u>above grd. electric</u>
FLUID TASTE	<u>1</u>	STATIC HEAD	<u>-</u>
BUBBLING	<u>1</u>	SCALING	<u>-</u>
BOILING	<u>1</u>	TYPE OF PIPING	<u>iron</u>
VEGETATION	<u>1</u>	ARTESIAN HEAD	<u>-</u>
FLUID ISSUES FROM	<u>non pipe</u>	ROCK DATA:	_____

_____	TYPE (SURFACE)	<u>Qal</u>
_____	COLOR	<u>brn.</u>

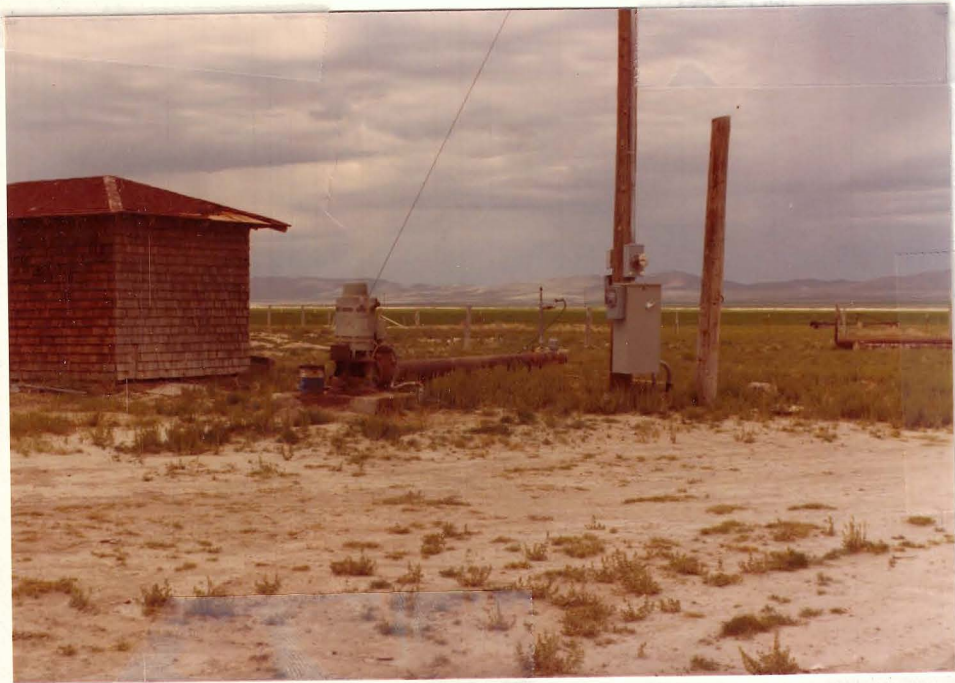
SALT:	GRAIN SIZE MEGASCOPIC MINERALS	<u>mg.</u>
TYPE	_____	_____
QUANTITY	_____	_____
COLOR	_____	_____
FORM	_____	ALTERATION
_____	_____	<u>none</u>

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

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

JS RB F15





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10785 Date 7/1 Time 1530

Name SW26 cold well Location: Co. Humb State Nev

Sec. 26 Twp. 39 N R. 39 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4324 Quad. B155

Sampler \_\_\_\_\_

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

DESCRIPTION:

WATER TEMP. °C 13°C DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 32 DEPTH ?

ODOR none BORE 6"

FLUID COLOR \_\_\_\_\_ PUMP TYPE gas, above ground

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING iron

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS ng-fg.

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none

WATER USED FOR IMMEDIATE AREA USED FOR cooler

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

JS R3 F20



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10786 Date 7/1 Time 1300

Name NE22 warm well Location: Co. Hub State New

Sec. 22 Twp. 39N R. 39E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4317 Quad. Bliss

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 20°C DISCHARGE ? gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 31 DEPTH 15

ODOR none BORE 16"

FLUID COLOR \_\_\_\_\_ PUMP TYPE above ground electric

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION \_\_\_\_\_ ARTESIAN HEAD slightly

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE mg to 5g

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

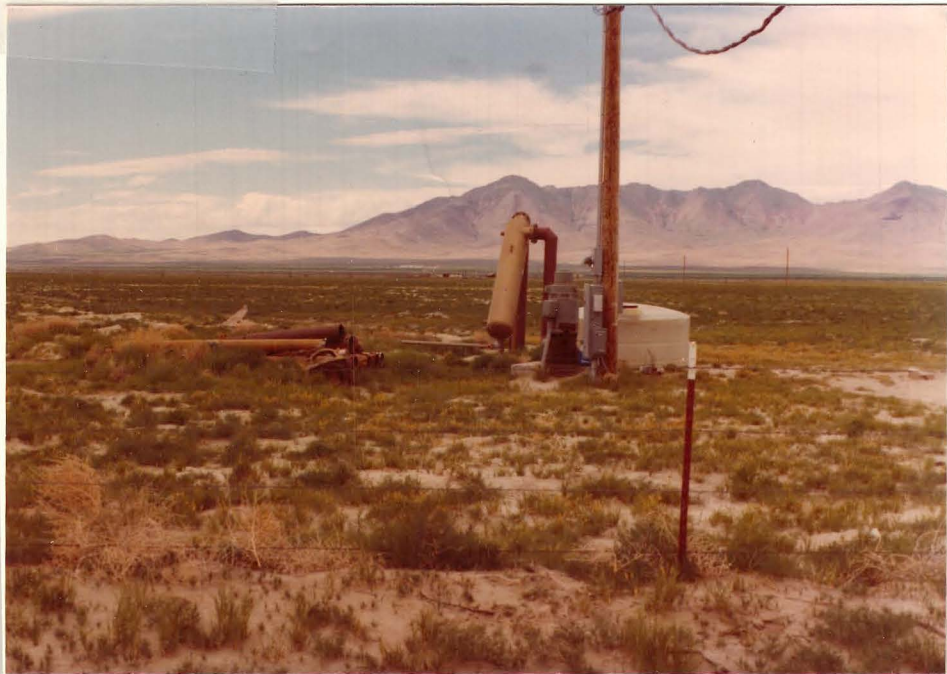
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

JS R3 F19





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10787 Date 7/1 Time 1700

Name NW 4 Cold Well Location: Co. Humb. State Nev.

Sec. 4 Twp. 39N R. 39E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4320 Quad. B1, S

Sampler J.T. Senfide

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

DESCRIPTION:

WATER TEMP. °C 18°C DISCHARGE 10-15 gpm/Lpm  
GROUND TEMP. °C \_\_\_\_\_ WELL DATA: when pumping

AIR TEMP. 30°C DEPTH ?

ODOR none BORE 10"

FLUID COLOR \_\_\_\_\_ PUMP TYPE windmill

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING galv steel + iron

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) Qal

COLOR brn

SALT:

GRAIN SIZE MEGASCOPIC MINERALS mg to fig

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none -

WATER USED FOR IMMEDIATE AREA USED FOR coffe

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10788 Date 7/1 Time 10:30

Name NE 36 Warm Well Location: Co. Humb. State Nev

Sec. 36 Twp. 38 NR. 38 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4337 Quad. Bliss

Sampler J.T. Searle

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

DESCRIPTION:

WATER TEMP. °C 19°C DISCHARGE 20-30 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: when pumping

AIR TEMP. 30°C DEPTH ?

ODOR none BORE 12-16"

FLUID COLOR 1 PUMP TYPE above grd

FLUID TASTE 1 STATIC HEAD -

BUBBLING 1 SCALING -

BOILING 1 TYPE OF PIPING gal. pipe

VEGETATION 1 ARTESIAN HEAD -

FLUID ISSUES FROM galvanized pipe ROCK DATA:

TYPE (SURFACE) Gal

COLOR brown

GRAIN SIZE MEGASCOPIC MINERALS mg to 1 g.

SALT:

TYPE - none -

QUANTITY 1

COLOR 1

FORM - ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA irrigation

QUANTITY 1 USED FOR \_\_\_\_\_

COLOR 1

FORM - QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

np

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10789 Date 7/1 Time 1500

Name 22 Warm Well Location: Co. Humboldt State Nev.

NE, SE Sec. 22 Twp. 41N R. 40E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4450 Quad. Hot Springs 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 250 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 28° DEPTH 15'

ODOR None BORE 12"

FLUID COLOR Clear PUMP TYPE Electric Turbine

FLUID TASTE None STATIC HEAD —

BUBBLING No SCALING None

BOILING No TYPE OF PIPING steel

VEGETATION None ARTESIAN HEAD —

FLUID ISSUES FROM Pipe on well ROCK DATA:

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 Irrigation

QUANTITY \_\_\_\_\_ USED FOR Farming

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well with Pump

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES —

BV-R30 F20







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10790 Date 7/1 Time 1145

Name Scott Wom Spr Location: Co. Humboldt State Nev

SW, SW Sec. 18 Twp. 39N R. 41E ; km/mi - of -

Lat. - Long. - Elevation 5150 Quad. Hot Spres. 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 18° 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 Moss ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Pipe at Stock ROCK DATA:

Tank TYPE (SURFACE) Gal

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 Natural groundwater Seepage

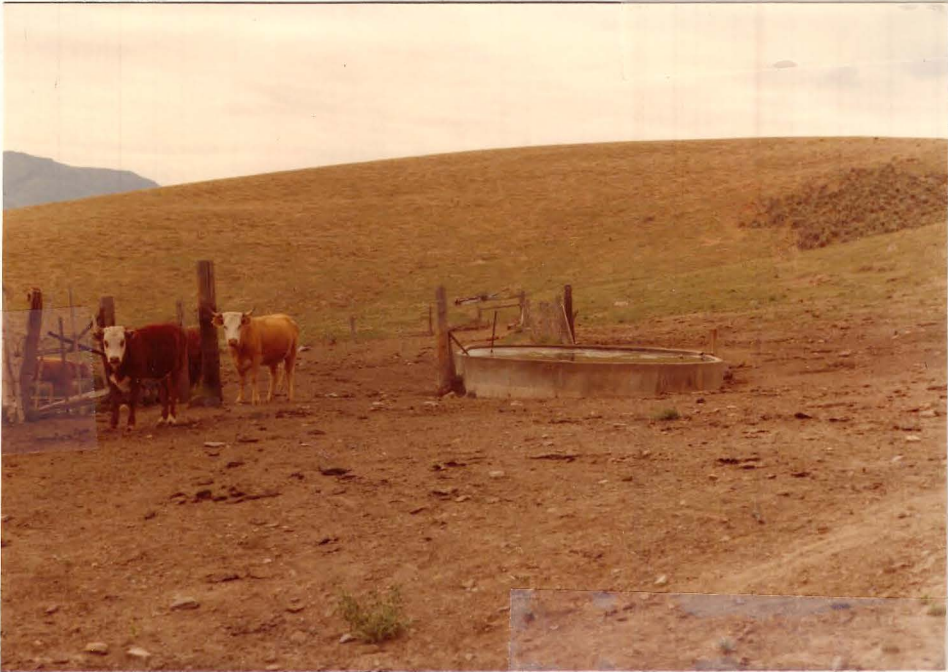
PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R3-F19



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Rock Sample

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10791 Date 7/1 Time 1045

Name The Hot Springs Location: Co. Humboldt State Nev

NE, NE Sec. 19 Twp. 4N R. 4E ; km/mi - of -

Lat. - Long. - Elevation 4450 Quad. Hot Sprs. Peak

Sampler Burke Wilkins

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

DESCRIPTION:

WATER TEMP. °C 57° DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR mild H<sub>2</sub>S BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE mild salt STATIC HEAD \_\_\_\_\_

BUBBLING mild CO<sub>2</sub> SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole in ROCK DATA:

center of Valley S. TYPE (SURFACE) Gal

of Skelton Lane COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE KCl MEGASCOPIC \_\_\_\_\_

QUANTITY Minor MINERALS \_\_\_\_\_

COLOR white \_\_\_\_\_

FORM amorphous ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR \_\_\_\_\_

QUANTITY moderate IMMEDIATE AREA \_\_\_\_\_

COLOR White on Fresh Surface USED FOR Ranching

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

PROBABLE CAUSE OF MANIFESTATION \_\_\_\_\_

PROPERTY OWNED BY Hot Sprs. Ranch

PREVIOUS AND/OR CURRENT LEASES ?

B.W. - R3 - F18





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10792 Date 7/1 Time 1530

Name SE 32 C5 Location: Co. Pershing State Nev

SE Sec. 32 Twp. 28N R. 40E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4720 Quad. Buffalo Springs 151

Sampler Dellan Masterson

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

DESCRIPTION:

WATER TEMP. °C 17 DISCHARGE 1-2 (gpm) Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 34 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 pipe ROCK DATA:

TYPE (SURFACE) ool

COLOR white

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

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 natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

D.M. R2 F1





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10793 Date 6-3-77 Time 15:40

Name WENW Sec 6 @W Location: Co. Humb State Mo

Sec. WENW 6 Twp. 46 R. R300 ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation \_\_\_\_\_ Quad. Denio

Sampler J. Dellechiaie + R. Hagger

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

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE 5 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 6"

FLUID COLOR reddish PUMP TYPE electric sub

FLUID TASTE Fu STATIC HEAD ?

BUBBLING no SCALING no

BOILING no TYPE OF PIPING steel

VEGETATION no ARTESIAN HEAD no

FLUID ISSUES FROM Steel pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR IMMEDIATE AREA cattle

QUANTITY \_\_\_\_\_ 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 ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10794 Date \_\_\_\_\_ Time 1700

Name NE NE SEC 4 H.S Location: Co. Humboldt State NEV

Sec. \_\_\_\_\_ Twp. 44N R. 31E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4825 Quad. DUFFER PEAK

Sampler \_\_\_\_\_

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

DESCRIPTION:

WATER TEMP. °C 44° DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR Sulphur BORE \_\_\_\_\_

FLUID COLOR NONE PUMP TYPE \_\_\_\_\_

FLUID TASTE NONE STATIC HEAD \_\_\_\_\_

BUBBLING MINOR SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM bottom of ROCK DATA: \_\_\_\_\_

sump 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 Fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

FD R2 F31





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10795 Date 7-2-77 Time 1730

Name HOWARD Hot SPRINGS Location: Co. Summit State Mea

Sec. N1E NE 4 Twp. 44N R. 31E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4330 Quad. Duffer Peak

Sampler J. DeLachap

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

DESCRIPTION:

WATER TEMP. °C 56 DISCHARGE 100 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR S<sup>-</sup> BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE S<sup>-</sup> STATIC HEAD \_\_\_\_\_

BUBBLING moderate SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION red algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM basement ROCK DATA:

TYPE (SURFACE) 0al

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE \_\_\_\_\_

MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE SiO<sub>2</sub> WATER USED FOR \_\_\_\_\_

QUANTITY major IMMEDIATE AREA USED FOR nanching

COLOR variegated

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

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_





AMAZ BELMONT AGRICULTURAL SAMPLE FORM

State of \_\_\_\_\_  
County of \_\_\_\_\_  
Location of \_\_\_\_\_  
Date \_\_\_\_\_



WELL DATA  
WELL NO. \_\_\_\_\_  
WELL DEPTH \_\_\_\_\_  
WELL TYPE \_\_\_\_\_  
WELL STATUS \_\_\_\_\_  
WELL LOCATION \_\_\_\_\_  
WELL OWNER \_\_\_\_\_  
WELL DATE \_\_\_\_\_  
WELL TYPE \_\_\_\_\_  
WELL STATUS \_\_\_\_\_  
WELL LOCATION \_\_\_\_\_  
WELL OWNER \_\_\_\_\_  
WELL DATE \_\_\_\_\_

WELL DATA  
WELL NO. \_\_\_\_\_  
WELL DEPTH \_\_\_\_\_  
WELL TYPE \_\_\_\_\_  
WELL STATUS \_\_\_\_\_  
WELL LOCATION \_\_\_\_\_  
WELL OWNER \_\_\_\_\_  
WELL DATE \_\_\_\_\_  
WELL TYPE \_\_\_\_\_  
WELL STATUS \_\_\_\_\_  
WELL LOCATION \_\_\_\_\_  
WELL OWNER \_\_\_\_\_  
WELL DATE \_\_\_\_\_

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10796 Date 7-3-77 Time 1440

Name BALTAZOR H.S. Location: Co. Humb State Neu

Sec. SE NW 13 Twp. 46N R. 28E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4213 Quad. Denio

Sampler B DeLoraine

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

DESCRIPTION:

WATER TEMP. °C 74 DISCHARGE 25 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING minor SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM valley bottom ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE SiO<sub>2</sub>(?) WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY minor USED FOR nonchurg

COLOR white

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

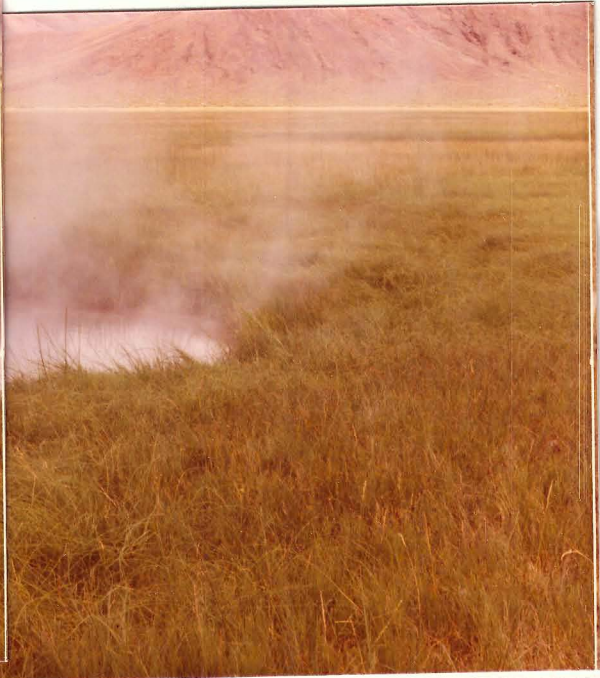
PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

FD R2F2526,27





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10797 Date \_\_\_\_\_ Time \_\_\_\_\_

Name MUD COLD SPRING Location: Co. Humboldt State NEV

SE Sec. 14 Twp. 47N R. 35E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4235 Quad. DENIO

Sampler F.D

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

DESCRIPTION:

WATER TEMP. °C 12.5° DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR \_\_\_\_\_ BORE \_\_\_\_\_

FLUID COLOR NONE PUMP TYPE \_\_\_\_\_

FLUID TASTE NONE STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM STEEL PIPE ROCK DATA:

TYPE (SURFACE) PAL

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 \_\_\_\_\_ Cattle

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Hydrologic Flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

FD R-2 F-28





Two Samples

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10798 <sup>A</sup>/<sub>B</sub> Date 7-3-77 Time 11:00

Name Bog H.S. North & South Location: Co. Humboldt State Nev

Sec. \_\_\_\_\_ Twp. H10N R. 28E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4300 Quad. V4A AMS

Sampler J. Dellechiaie + R. Hogger

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

DESCRIPTION:

WATER TEMP. °C 54° DISCHARGE 10000 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR mild H<sub>2</sub>S BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING moderate SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM valley ROCK DATA:

bottom TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE no MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR \_\_\_\_\_

QUANTITY minor IMMEDIATE AREA \_\_\_\_\_

COLOR white USED FOR washing

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

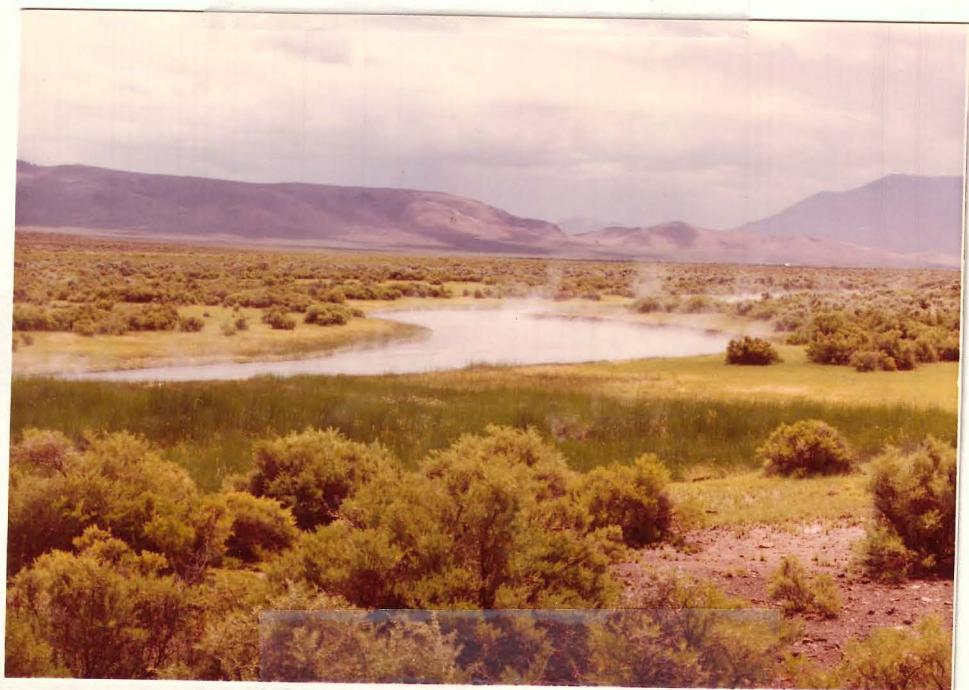
PROBABLE CAUSE OF MANIFESTATION ?

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

FOR F 20, 21, 22







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10799 Date 7/3 Time 1315

Name NE NE SEC 1 COLD SPRING Location: Co. Humboldt State NEV

Sec. 1 Twp. 45N R. 29E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4800 Quad. DEN10

Sampler FD

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

DESCRIPTION:

WATER TEMP. °C 14° DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR \_\_\_\_\_ BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION GREEN ALGAE ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM STEEL PIPE ROCK DATA:

TYPE (SURFACE) BANDED GNEISS

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

QUANTITY + MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE \_\_\_\_\_ WATER USED FOR Cattle

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR MINING

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Hydrologic Flow

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

FD R2 F24







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10800 Date 7/2 Time 1600

Name SE, SW 31 W. Spr. Location: Co. Churchill State Nev

SE SW Sec. 31 Twp. 25N R. 37E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4160 Quad. Humboldt Salt Marsh

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 41 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 Green Moss ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Fault in ROCK DATA:

Bedrock TYPE (SURFACE) Abotiged Granite

COLOR Green

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC MINERALS Quartz

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION chloritization

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 Fault Zone

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW R3-F24





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10801 Date 7/2 Time 1020

Name SE 29 Hot Sp. Location: Co. Perdine State Nev.

Sec. 29 Twp. 27N R. 40E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4400 Quad. Cain 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 42.5° DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 29° DEPTH \_\_\_\_\_

ODOR Moderate H<sub>2</sub>S BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE Sulfurous, bitter STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Grasses + green + white algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Small sinkhole ROCK DATA:

2 mi west of county road, 2.5 mi TYPE (SURFACE) Gal

N. of Road Fork at Home Sta. Ranch 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 ?

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BK-R3-F22

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10802 Date 7-2-77 Time 11:00

Name NW NW 19 W.S. Location: Co. Pershing State Nev

Sec. www19 Twp. 25N R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3685 Quad. Cam MTN

Sampler Z. Dellechiaie + B. Williams

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

DESCRIPTION:

WATER TEMP. °C 29.5 DISCHARGE 15 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE mineralized STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM fault in ROCK DATA:

alluvium TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

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 fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

BW R3 F23





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10803 Date 7/2 Time 1000

Name 29 Cold Spr Location: Co. Perching State Nev

Sec. 29 Twp. 27N R. 40E ; km/mi - of -

Lat. - Long. - Elevation 4400 Quad. Cain Mountain

Sampler Bruce Williams

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 \_\_\_\_\_

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 at ROCK DATA:

Head of small gully 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 Cattle  
USED FOR Grazing

QUANTITY \_\_\_\_\_

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-R3-F21



1

DATE OF SURVEY: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 NAME OF PLACE: \_\_\_\_\_  
 COUNTY: \_\_\_\_\_  
 STATE: \_\_\_\_\_



DEPTH OF WELL: \_\_\_\_\_  
 DIRECTION OF DRAINAGE: \_\_\_\_\_  
 CHARACTER OF SOIL: \_\_\_\_\_  
 QUALITY OF WATER: \_\_\_\_\_  
 NAME OF WELL: \_\_\_\_\_  
 NAME OF OWNER: \_\_\_\_\_

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. \_\_\_\_\_ Sample No. W10804 Date 7/2/77 Time 1430

Name Sec 17 W.S. Location: Co. Churchill State Nev

Sec. 17 Twp. 22N R. 35E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3440 Quad. Dime Hot Springs (15')

Sampler D. MacLennan

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

DESCRIPTION:

WATER TEMP. °C 28.0 DISCHARGE 20-25 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, brown algae, yellow algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM middle of valley 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 \_\_\_\_\_

QUANTITY IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Faulting

PROPERTY OWNED BY 0 -

PREVIOUS AND/OR CURRENT LEASES -

RBR2 F 27





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10805 Date 7/27/77 Time 1230

Name Sec 4 W.S. Location: Co. Churchill State Nev.

Sec. 4 Twp. 22N R. 35E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3925 Quad. Dismé Hot Springs (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 26°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 grm grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sink hole in middle of valley floor 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 Nothing

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Faulting

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RRR2 F26



NOV 21 1972

STATION: ...  
LOCATION: ...  
DATE: ...  
TIME: ...  
SUNNY



PLANT: ...  
SPECIES: ...  
HEIGHT: ...  
DENSITY: ...  
FRUIT: ...  
SEEDS: ...  
WEIGHT: ...  
MOISTURE: ...  
ANALYSIS: ...

PLANT: ...  
SPECIES: ...  
HEIGHT: ...  
DENSITY: ...  
FRUIT: ...  
SEEDS: ...  
WEIGHT: ...  
MOISTURE: ...  
ANALYSIS: ...

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. \_\_\_\_\_ Sample No. W10806 Date 7/3/77 Time 1400

Name Sec 27 W.S. Location: Co. Humboldt State Nev.

NE NW

Sec. ~~27~~ 27 Twp. 33N R. 40E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4880 Quad. Sanueler Pass (7 1/2')

Sampler \_\_\_\_\_

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

DESCRIPTION:

WATER TEMP. °C 26°C DISCHARGE 150-200 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 gravel bed on ROCK DATA: \_\_\_\_\_

side of hill 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 Explos Rencel

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR2F 3/32







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10807 Date 1/3/77 Time 1125

Name Brooks H.S. Location: Co. Humboldt State Nev.

NE Sec. 13 Twp. 34N R. 4E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4450 Quad. Brooks Spring (7 1/2')

Sampler Rebara

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

DESCRIPTION:

WATER TEMP. °C 38°C. DISCHARGE 25-30 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 & brown algae from sinkhole ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM in middle of valley ROCK DATA: Qal

COLOR \_\_\_\_\_

SALT:

TYPE NO GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION None

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE SiO<sub>2</sub> WATER USED FOR IMMEDIATE AREA USED FOR \_\_\_\_\_

QUANTITY Large

COLOR White

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

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

BR 2 F 30





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10808 Date \_\_\_\_\_ Time 1500

Name Smelcer Pass C.S. Location: Co. Perching State Nev.

Sec. NE 18 Twp. 32N R. 41E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5468 Quad. Smelcer Pass (7 1/2')

Sampler Pluto

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

DESCRIPTION:

WATER TEMP. °C 16°c DISCHARGE 20-25 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 Pin grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM side of ROCK DATA:

mountain wall near summit 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 \_\_\_\_\_

RR2 F 33,34





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10809 Date 7/3/77 Time 0930

Name Golconda H.S. (North) Location: Co. Humboldt State Nev

South

Sec. 29 Twp. 3CN R. 40E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4380 Quad. Golconda (7 1/2')

Sampler RBates

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

DESCRIPTION:

WATER TEMP. °C 77°C DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR v. Hildly sulfurous BORE \_\_\_\_\_

FLUID COLOR Bluish tint PUMP TYPE \_\_\_\_\_

FLUID TASTE Hard STATIC HEAD \_\_\_\_\_

BUBBLING yes SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION bn algae, gm grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole in ROCK DATA:

middle of valley 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 Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RB R2 P28



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10810 Date 7/19/77 Time 1600

Name SESE Sect C.S. Location: Co. Parahing State Nev.

SESE Sec. 7 Twp. 30N R. 37E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5220 Quad. tylo Hot Springs (15')

Sampler R. Bate

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

DESCRIPTION:

WATER TEMP. °C 12.50 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 pipe at base of hill on mountain pass ROCK DATA: TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE p

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION 8

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrothermal flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10811 Date 7/12/77 Time 1000

Name Kyle Hot Springs Location: Co. Pushing State Nev.

Sec. S 29 W 11 Twp. 29 N R. 36 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4560 Quad. Kyle Hot Springs

Sampler P. Bate

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

DESCRIPTION:

WATER TEMP. °C 80°c DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR Sulfurous BORE \_\_\_\_\_

FLUID COLOR Bluish white PUMP TYPE \_\_\_\_\_

FLUID TASTE Hard STATIC HEAD \_\_\_\_\_

BUBBLING yes SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sink holes ROCK DATA:

in travertine mound TYPE (SURFACE) Calcite

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE carbonate / sulfates MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY Major \_\_\_\_\_

COLOR White \_\_\_\_\_

FORM Amorphous ALTERATION Silica, sulfur

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE Travertine WATER USED FOR Recreational / spe

QUANTITY Major IMMEDIATE AREA USED FOR Ranching

COLOR gray / brown \_\_\_\_\_

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

PROBABLE CAUSE OF MANIFESTATION Range front faulting??

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RB R2 F 35, 36





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10812 Date 7/12/77 Time 1500

Name NWNW Sec 8 CS Location: Co. Perching State Nev.

NWNW Sec. ~~2~~ 8 Twp. 30 N R. 37 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5740 Quad. Kyle Hot Springs (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 12.5°C DISCHARGE 15-20 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 8 SCALING \_\_\_\_\_

BOILING 6 TYPE OF PIPING \_\_\_\_\_

VEGETATION grm grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM creek bed on ROCK DATA: \_\_\_\_\_

mountain pass 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 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 \_\_\_\_\_

RBR2 F37

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10813 Date 7/13 Time 1030

Name Coyote WS Location: Co. Pershing State Nev

SESE Sec. 30 Twp. 30N R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4700 Quad. Mt. Tobin 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 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 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM ground a ROCK DATA:

base of point TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC \_\_\_\_\_

MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

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 possible range fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R1 F11





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10814 Date 7/13 Time 1400

Name Siard Ranch CS Location: Co. Poaching State Nev.

SWSE

Sec. 34 Twp. 30N R. 39E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5200 Quad. Mt. Tobin 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 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 0

ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM range

ROCK DATA:

fault 1915 quake

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE  
MEGASCOPIC  
MINERALS \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

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 fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

no picture



Send  
Analysis

o Donnell Richards  
o P.O. Box 321  
Winnemucca, Nev. 89445

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10815 Date 7/13 Time 900

Name SW 21 Cold Spring Location: Co Pershing State Nev.

SWSW Sec. 21 Twp. 34N R. 38E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4760 Quad. Winnemucca 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 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 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE  
MEGASCOPIC  
MINERALS \_\_\_\_\_

TYPE 0

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

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 possible range fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F9





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10816 Date 7/13/77 Time 1600

Name SESE Sec 34 WAW Location: Co. Ranching State Nev.

SESE Sec. 34 Twp. 29N R. 34E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5400 Quad. Unionville (15)

Sampler Roberts

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

DESCRIPTION:

WATER TEMP. °C 21°C DISCHARGE 100-150 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 8", 8" and 4"

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING 0

BOILING 0 TYPE OF PIPING Iron tubing

VEGETATION fern grass ARTESIAN HEAD yes

FLUID ISSUES FROM potassium well ROCK DATA: Qal

TYPE (SURFACE) \_\_\_\_\_ 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 Steps in reservoir

QUANTITY \_\_\_\_\_ USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian Well

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RB R3 F7

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10817 Date 7/13/77 Time 1100

Name SW Sec 34 CAN Location: Co. Pershing State NV

SWSW Sec. 24 Twp. 30N R. 35E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4200 Quad. Unionville (15')

Sampler RB

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

DESCRIPTION:

WATER TEMP. °C 17°C DISCHARGE 1-2 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 pin grass/water areas ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM \_\_\_\_\_ ROCK DATA:

TYPE (SURFACE) Qel

COLOR \_\_\_\_\_

SALT: \_\_\_\_\_ GRAIN SIZE \_\_\_\_\_

TYPE 6 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: \_\_\_\_\_ RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR No chip

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Reaching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Artesian well

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RB R3 F 4





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10818 Date 7/13/77 Time 1630

Name Sec 3 O.S. Location: Co. Lehigh State Nev.

Well Sec. 3 Twp. 28N R. 34E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5720 Quad. Unionville (15')

Sampler RBaker

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

DESCRIPTION:

WATER TEMP. °C 18°C 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 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM side of hill ROCK DATA: \_\_\_\_\_

top steep 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 grazing

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 F8

STATE OF CALIFORNIA  
COUNTY OF SAN DIEGO  
IN SENATE  
January 11, 1961  
REPORT OF THE  
COMMISSIONERS OF THE  
LAND COMMISSION  
ON THE  
PROPOSED  
REVISION OF THE  
GENERAL PLAN OF THE  
COUNTY OF SAN DIEGO  
AND THE  
REVISION OF THE  
GENERAL PLAN OF THE  
COUNTY OF SAN DIEGO  
AND THE  
REVISION OF THE  
GENERAL PLAN OF THE  
COUNTY OF SAN DIEGO





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10819 Date 7/13/77 Time 1000

Name COYOTE RANCH (SOUTH) E.W. Location: Co. Puship State Nev.

Sec. 9 Twp. 30N R. 35E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4350 Quad. Unionville (15')

Sampler Roberta

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

DESCRIPTION:

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

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 20"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE sweet STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING 0

BOILING 0 TYPE OF PIPING Iron Tube

VEGETATION 0 ARTESIAN HEAD NO

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Ql

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 Landfill

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Electric Pump

PROPERTY OWNED BY Lane Quince

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR3F3





~~send sample~~



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10820 Date 7/13/77 Time 0930

Name POTOTE RANCH (NORTH) C.W. Location: Co. Beckham State Nev.

SN

Sec. 4 Twp. 30N R. 35E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4350 Quad. 400016 (15')

Sampler R. Bate

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

DESCRIPTION:

WATER TEMP. °C 14°c DISCHARGE Pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 12"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE sweet STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING NO

BOILING 0 TYPE OF PIPING Iron Tubing

VEGETATION sun grass ARTESIAN HEAD 0

FLUID ISSUES FROM well ROCK DATA:

TYPE (SURFACE) Bas

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 Sanjahn

QUANTITY \_\_\_\_\_ Beckham

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY Alana Lane Duncan

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

Alana RBR3 F2





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10821 Date 7/12/77 Time 1330

Name Sec 32 Cold Well Location: Co. Pushing State Nev.

SESE Sec. 32 Twp. 30N R. 35E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4320 Quad. Unionville (15')

Sampler RBate

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 2"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING 0

BOILING 0 TYPE OF PIPING Iron pipe

VEGETATION grm grass ARTESIAN HEAD No

FLUID ISSUES FROM Well ROCK DATA:

TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE 6

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 6

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 6 WATER USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Recharge

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RR3F6







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10822 Date 7/13/77 Time 1300

Name Sec 21 Cold Well Location: Co Peru State Nbr.

SWSW Sec. 21 Twp. 30N R. 35E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4340' Quad. Unionville (15')

Sampler Robata

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 16"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING 0

BOILING 0 TYPE OF PIPING Iron tube

VEGETATION 0 ARTESIAN HEAD NO

FLUID ISSUES FROM Well pipe 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 USED FOR Sanitation

QUANTITY \_\_\_\_\_ Rock

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Pump

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RR R3 FS







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10823 Date 7/13 Time 1300

Name Grass Valley Ranch Cold Well Location: Co. Pershing State Nev

SW, SE

Sec. 13 Twp. 33N R. 37E ; - km/mi - of -

Lat. - Long. - Elevation 4400 Quad. Dun Glen

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 20-30 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 27° DEPTH -

ODOR None BORE 6"

FLUID COLOR Clear PUMP TYPE Submersible Electric

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING -

BOILING No TYPE OF PIPING Steel

VEGETATION - ARTESIAN HEAD -

FLUID ISSUES FROM well ROCK DATA:

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 Residential

QUANTITY \_\_\_\_\_ USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well with pump

PROPERTY OWNED BY Grass Valley Ranch

PREVIOUS AND/OR CURRENT LEASES -

BW-R3-F28





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10824 Date 6/13 Time 1430

Name Cherry Cold Spring Location: Co. Pershing State Nevada

Sec. 13 Twp. 31N R. 37E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6640 Quad. Dan Glen

Sampler J.T. Senfela

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. 29°C DEPTH - none -

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 to grey

GRAIN SIZE mg to fig

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none -

WATER USED FOR cattle

QUANTITY \_\_\_\_\_

IMMEDIATE AREA 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 R5 F4



THE MANAGER OF THE

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10825 Date 7/13 Time 1230

Name Twin Warm Springs Location: Co. Pershing State Nevada

Sec. 3 Twp. 32N R. 37E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4950 Quad. Dun Glen

Sampler J.T. Sanfats

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

DESCRIPTION:

WATER TEMP. °C 20 DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 26 DEPTH none

ODOR none BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE none STATIC HEAD \_\_\_\_\_

BUBBLING | SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION grass, clover ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn - gry

GRAIN SIZE mg to fg

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE none

QUANTITY |

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION -

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR cattle

QUANTITY | IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g w. seepage along fault

PROPERTY OWNED BY B. em

PREVIOUS AND/OR CURRENT LEASES ?







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10826 Date 7/13 Time 1900

Name Dolly Hayden Cold Spr. Location: Co. Pershing State Nev.

SW, NW Sec. 3 Twp. 32N R. 37E ; km/mi — of —

Lat. — Long. — Elevation 5200 Quad. Oam Glen

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 13.5° DISCHARGE 1-5 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 24° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Green Moss & Algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Pipe at water ROCK DATA:

trough TYPE (SURFACE) Gal

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 Fault seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R3-F27





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10827 Date 7/13 Time 1630

Name SE6 Cold Well Location: Co. Pershing State Nev.

Sec. 6 Twp. 32N R. 36E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4460 Quad. Dun Glen

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 13°C DISCHARGE 5 gpm/Lpm  
GROUND TEMP. °C \_\_\_\_\_ WELL DATA: when pumping

AIR TEMP. 34°C DEPTH \_\_\_\_\_

ODOR none BORE 6"

FLUID COLOR \_\_\_\_\_ PUMP TYPE windmill

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING steel

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA cattle

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. W10828 Date 7/12 Time 1200

Name Hot Sulphur Spgs. Geyser Location: Co. Flta State Nev

Sec. 5 Twp. 41N R. 52E; km/mi - of -

Lat. - Long. - Elevation 5800 Quad. Tuscarora

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 95 DISCHARGE 20-30 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR Moderate H<sub>2</sub>S BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE Sulfurous STATIC HEAD \_\_\_\_\_

BUBBLING Yes Excessive SCALING \_\_\_\_\_

BOILING Yes " TYPE OF PIPING \_\_\_\_\_

VEGETATION Brown Algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole in ROCK DATA:

center of Valley near TYPE (SURFACE) gal

creek bed COLOR \_\_\_\_\_

SALT:

TYPE KCl GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY Moderate \_\_\_\_\_

COLOR white \_\_\_\_\_

FORM amorphous ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY Moderate USED FOR \_\_\_\_\_

COLOR Grey to white \_\_\_\_\_

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

PROBABLE CAUSE OF MANIFESTATION Fault System - N-S trend

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

No Picture



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10829 Date 7/12 Time 1220

Name NW 5W 8 Warm Spr. Location: Co. Elko State Nev

Sec. 8 Twp. 41N R. 52E; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5760 Quad. Tuscarora

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<sup>0</sup> DISCHARGE 2 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 Brown & Green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Spring on ROCK DATA:

Hillside on E. side of TYPE (SURFACE) andesite - Latite

road COLOR Dark Grey

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC MINERALS Quartz

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR — 0 —

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Grazing

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-R3-F25





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10830 Date 7/12 Time 1115

Name Goldbanks Cold well Location: Co. Pendling State Nev.

Sw Sec. 16 Twp. 30N R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4840 Quad. Mt. Tobin 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 12 DISCHARGE \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 3"

FLUID COLOR 0 PUMP TYPE windmill

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pipe at base of windmill 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 cattle

QUANTITY \_\_\_\_\_ USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION \_\_\_\_\_

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

O.M. R2 F7





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10831 Date \_\_\_\_\_ Time \_\_\_\_\_

Name Leach Hot Springs Location: Co. Pershing State Neu

Sec. 36 Twp. 32N R. 38E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4661 Quad. Leach Hot Springs

Sampler J.T. Senftle

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

DESCRIPTION:

WATER TEMP. °C 91°C DISCHARGE 1200 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 26°C DEPTH - 100 -

ODOR sulfur BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE mineralized STATIC HEAD \_\_\_\_\_

BUBBLING yes - CO<sub>2</sub>, H<sub>2</sub>S SCALING \_\_\_\_\_

BOILING at outlet TYPE OF PIPING \_\_\_\_\_

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM 2 vents in ROCK DATA:

Qal TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg do fg

TYPE - minor S

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION kaolinized alluvium?

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE calcs WATER USED FOR IMMEDIATE AREA cattle

QUANTITY minor USED FOR \_\_\_\_\_

COLOR white

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

PROBABLE CAUSE OF MANIFESTATION fault?

PROPERTY OWNED BY RLM?

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10832 Date 7/12 Time 1300

Name Mud Cold Spring Location: Co. Perish. State Nev

Sec. 33 Twp. 31N R. 39E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4200 Quad. Leach Hot Spring

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 18°C DISCHARGE 500-1000 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 27°C DEPTH - none -

ODOR none BORE \_\_\_\_\_

FLUID COLOR \_\_\_\_\_ PUMP TYPE \_\_\_\_\_

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION grass + gum dipter ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg to fg

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA castro

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 ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10833 Date 7/12 Time 1530

Name NW9 Warm Spring Location: Co. Pershing State NV

Sec. 9 Twp. 31N R. 38E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4709 Quad. Leach Hot Spr

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 300-500 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 28 DEPTH - none -

ODOR slightly S2 BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE none 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 to fg

SALT: TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA cow

QUANTITY \_\_\_\_\_ USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION gw seepage

PROPERTY OWNED BY Bem?

PREVIOUS AND/OR CURRENT LEASES ?

JTS R4 F36





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10834 Date 7/12 Time 1205  
 Name SE 36 ~~W~~ <sup>Hot</sup> Spring Location: Co Pershing State Nev.  
 Sec. 36 Twp. 32N R. 38E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4500 Quad. Leach Hot Spring  
 Sampler JT Seftle

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

DESCRIPTION:

WATER TEMP. °C	<u>40°C</u>	DISCHARGE	<u>120-150</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	_____
AIR TEMP.	<u>29°C</u>	DEPTH	<u>- none -</u>
ODOR	<u>slight sulfur</u>	BORE	_____
FLUID COLOR	<u>clear</u>	PUMP TYPE	_____
FLUID TASTE	<u>mineral</u>	STATIC HEAD	_____
BUBBLING	<u>minor</u>	SCALING	_____
BOILING	<u>no</u>	TYPE OF PIPING	_____
VEGETATION	<u>grn-brn algae</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>Qal</u>	ROCK DATA:	_____

TYPE (SURFACE)	<u>Qal</u>
COLOR	<u>brn</u>
GRAIN SIZE MEGASCOPIC MINERALS	<u>mg to fg.</u>

SALT:

TYPE	<u>- none -</u>	ALTERATION	_____
QUANTITY	<u> </u>		
COLOR	_____		
FORM	_____		

SINTER:

TYPE	<u>- none -</u>	RX TYPE (AT DEPTH)	_____
QUANTITY	<u> </u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>cattle</u>
COLOR	_____		
FORM	_____	QUALITY OF SAMPLE: <u>EXC.</u> , GOOD, POOR	

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

JS R4 F34

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10835 Date 7/12 Time 1720

Name Haydon Ranch Cold Spring Location: Co. Pershing State Nev

Sec. 9 Twp. 32 N R. 37 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5400 Quad. Dun 66n

Sampler JT Saffo

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

DESCRIPTION:

WATER TEMP. °C 18°C DISCHARGE 100 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 27°C DEPTH - none -

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 red brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA USED FOR carbo

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Blm P

PREVIOUS AND/OR CURRENT LEASES ?

JS R5 F2



Location: [redacted] State: [redacted]  
Elevation: [redacted]  
[redacted] well (with pipe) [redacted] soil, [redacted]



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10836 Date 7/11 Time 1300

Name NE 35 Cold Well Location: Co. Persh State Nev

Sec. 35 Twp. 32N R. 35E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4360 Quad. Engine Mine Area

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 18°C DISCHARGE 1200 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 26°C DEPTH ?

ODOR none BORE 12"

FLUID COLOR \_\_\_\_\_ PUMP TYPE above ground electric

FLUID TASTE \_\_\_\_\_ STATIC HEAD -

BUBBLING \_\_\_\_\_ SCALING -

BOILING \_\_\_\_\_ TYPE OF PIPING iron

VEGETATION \_\_\_\_\_ ARTESIAN HEAD -

FLUID ISSUES FROM electric well ROCK DATA:

TYPE (SURFACE) Dal

COLOR tan

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg to 5g

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none -

QUANTITY \_\_\_\_\_ WATER USED FOR 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 ?

JS R4 F28



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10B37 Date 7/11 Time 955

Name SE29WS Location: Co. Humb State Nev

Sec. 28 Twp. 34N R. 35E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4360 Quad. Rose Creek

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 19°C DISCHARGE 2-5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 24°C DEPTH - none -

ODOR none BORE \_\_\_\_\_

FLUID COLOR \_\_\_\_\_ PUMP TYPE \_\_\_\_\_

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pic pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR ben

GRAIN SIZE MEGASCOPIC MINERALS mg to P/g

SALT:

TYPE - none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none WATER USED FOR IMMEDIATE AREA USED FOR none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY \_\_\_\_\_ ?

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_ ?

\* well present but banded over - no probe in  
unable to probe

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10838 Date 7/11 Time 1230

Name NW 32 Warm Well Location: Co. Persh. State Nev

Sec. 32 Twp. 33N R. 34E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4250 Quad. Engadine Mtns Area

Sampler J.T. Sengler

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

DESCRIPTION:

WATER TEMP. °C 19°C

DISCHARGE 800 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_

WELL DATA: when pumping

AIR TEMP. 25°C

DEPTH \_\_\_\_\_

ODOR none

BORE ? > 6"

FLUID COLOR \_\_\_\_\_

PUMP TYPE electric - submersible

FLUID TASTE \_\_\_\_\_

STATIC HEAD -

BUBBLING \_\_\_\_\_

SCALING -

BOILING \_\_\_\_\_

TYPE OF PIPING PVC

VEGETATION \_\_\_\_\_

ARTESIAN HEAD -

FLUID ISSUES FROM pump (PVC)

ROCK DATA:

pipings

TYPE (SURFACE) Gal

COLOR brn

SALT:

GRAIN SIZE MEGASCOPIC MINERALS mg. to fig.

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none -

WATER USED FOR IMMEDIATE AREA drinking

QUANTITY \_\_\_\_\_

USED FOR irrigation

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Bern ?

PREVIOUS AND/OR CURRENT LEASES ?



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10839 Date 7/11 Time 1420

Name S SEC 13 CS Location: Co. Humb. State Neu

Sec. 13 Twp. 36N R. 37E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5200 Quad. Rosa Creek

Sampler A. T. Salgado

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

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH - none -

ODOR slightly S<sub>2</sub> BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE none STATIC HEAD \_\_\_\_\_

BUBBLING | SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM \_\_\_\_\_ ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg to cg.

SALT:

TYPE - none -

QUANTITY |

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none -

QUANTITY |

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

WATER USED FOR IMMEDIATE AREA USED FOR none

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. W10840 Date 7/14 Time 1100

Name SE 13 WS Location: Co. Perching State Nebr.

SESE Sec. 13 Twp. 32N R. 34E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4750 Quad. Amley 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 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 pipe ROCK DATA:

above road TYPE (SURFACE) gal

COLOR \_\_\_\_\_

SALT:

TYPE 0 GRAIN SIZE \_\_\_\_\_

QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_

COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 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 R2 F12





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10841 Date 7/16 Time 1530

Name Rye Patch Ranch WW Location: Co. Pershing State Nev

NESE Sec. 20 Twp. 30N R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4270 Quad. Oreana 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 20 DISCHARGE \_\_\_\_\_ gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:  
AIR TEMP. \_\_\_\_\_ DEPTH 20' to H<sub>2</sub>O

ODOR - BORE \_\_\_\_\_

FLUID COLOR - PUMP TYPE \_\_\_\_\_

FLUID TASTE - STATIC HEAD \_\_\_\_\_

BUBBLING - SCALING \_\_\_\_\_

BOILING - TYPE OF PIPING \_\_\_\_\_

VEGETATION - ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pipe at base of windmill 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 USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION \_\_\_\_\_

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F17









AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10843 Date 7/15 Time 1700

Name Black Knob CS Location: Co. Perching State Nev.

NWSE Sec. 31 Twp. 27N R. 33E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5040 Quad. Buffalo 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 17 DISCHARGE 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 yes? seems to bubble out of pipe SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION green algae 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 cattle

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 F15





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10844 Date 7/15 Time 1545

Name Buffalo WS Location: Co Pershing State new

W Sec. 2 Twp. 27N R. 35E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4070 Quad. Buffalo 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 19 DISCHARGE 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 0 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 cattle

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 ?

DM R2 F14





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10845 Date 7/15 Time 1400

Name Troy CS Location: Co. Perching State New

SWNE Sec. 25 Twp. 24N R. 34E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5400 Quad. Unionville 15'

Sampler Dallen Masterson

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

DESCRIPTION:

WATER TEMP. °C 15° 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 0 ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM bank of ROCK DATA:

creek bed TYPE (SURFACE) Gal

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 natural hydrologic flow

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F13





Send  
Analysis : Bob Belzarena  
 Imlay, Nevada  
 89418

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10846 Date 7/15 Time 1000  
 Name Star Creek Ranch CW Location: Co. Perkins State Nev.  
 NW Sec. 28 Twp. 30N R. 35E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4450 Quad. Imlay 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>14.5</u>	DISCHARGE	<u>-</u> gpm/Lpm
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	_____	DEPTH	<u>400'</u>
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	<u>pump</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>drinking</u>
QUANTITY	_____	IMMEDIATE AREA	_____
COLOR	_____	USED FOR	_____
FORM	_____	QUALITY OF SAMPLE: <u>EXC.</u> , GOOD, POOR	

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

no picture

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10847 Date 7/15 Time 1300

Name SES Cold well Location: Co. Numb State NM

Sec. 5 Twp. 41N R. 36E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4190 Quad. Awabany Peak

Sampler J.T. Lupton

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

DESCRIPTION:

WATER TEMP. °C 16°C DISCHARGE 900 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 31 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 irrigation well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg → f.g

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none 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. W10848 Date 7/15 Time 1320

Name NW 32 Cold well Location: Co. Humb. State Neu.

Sec. 32 Twp. 41N R. 36E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4180 Quad. Awakening Peak

Sampler J.T. Sanjeto

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

DESCRIPTION:

WATER TEMP. °C 14°C

DISCHARGE 1200 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_

WELL DATA: when pumping

AIR TEMP. 30

DEPTH ?

ODOR none

BORE 12"

FLUID COLOR |

PUMP TYPE electric above ground

FLUID TASTE |

STATIC HEAD \_\_\_\_\_

BUBBLING |

SCALING \_\_\_\_\_

BOILING |

TYPE OF PIPING steel

VEGETATION \_\_\_\_\_

ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM injection pump

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT:

GRAIN SIZE MEGASCOPIC MINERALS mg → f.g

TYPE - none -

QUANTITY |

COLOR |

FORM |

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none -

WATER USED FOR IMMEDIATE AREA USED FOR injection

QUANTITY |

COLOR |

FORM |

QUALITY OF SAMPLE: EXC., GOOD, POOR

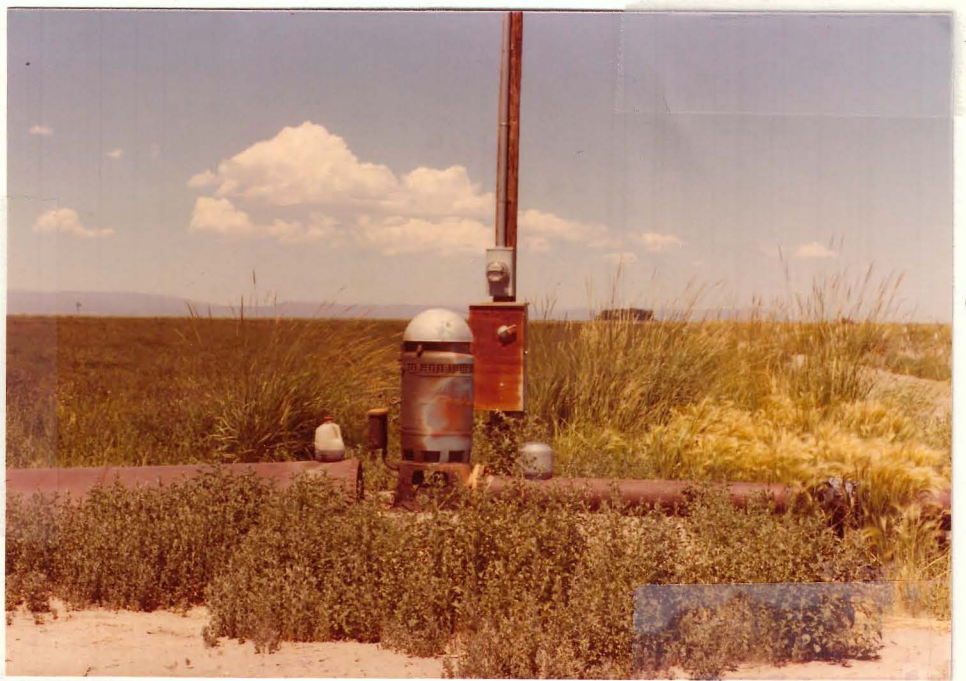
PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Blm?

PREVIOUS AND/OR CURRENT LEASES ?

JSR5F13





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10849 Date 7/15 Time 920

Name 4159 Cold well Location: Co. Humb State Nev

Sec. - Twp. 40N R. 36E ; 3 km(m) south of Amos

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4159 Quad. Awakening Peak

Sampler \_\_\_\_\_ JT Sample

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

DESCRIPTION:

WATER TEMP. °C	<u>13</u>	DISCHARGE	<u>20-30</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	<u>when pumping</u>
AIR TEMP.	<u>27°C</u>	DEPTH	<u>?</u>
ODOR	<u>none</u>	BORE	<u>6"</u>
FLUID COLOR		PUMP TYPE	<u>submersible electric</u>
FLUID TASTE		STATIC HEAD	_____
BUBBLING		SCALING	_____
BOILING		TYPE OF PIPING	<u>steel</u>
VEGETATION	_____	ARTESIAN HEAD	_____

FLUID ISSUES FROM	<u>windmill</u>	ROCK DATA:	
<u>well</u>	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	<u>grey-brn</u>

SALT:		GRAIN SIZE	<u>mg to fg</u>
TYPE	<u>- none -</u>	MEGASCOPIC	_____
QUANTITY		MINERALS	_____

FORM		ALTERATION	<u>none</u>
------	--	------------	-------------

SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>- none -</u>	WATER USED FOR	<u>-</u>
QUANTITY		IMMEDIATE AREA	_____
COLOR		USED FOR	_____

FORM		QUALITY OF SAMPLE:	<u>EXC</u> , GOOD, POOR
------	--	--------------------	-------------------------

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Bilm

PREVIOUS AND/OR CURRENT LEASES ?

JS R5 F8



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10850 Date 7/11 Time 1200

Name NE 32 Cold Well Location: Co. Humb State Neu

Sec. 32 Twp. 40N R. 25E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4130 Quad. Awakening Peak

Sampler J T Saylor

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

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 5-10 gpm/Lpm  
when pumping

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 30°C DEPTH ?

ODOR none BORE 12"

FLUID COLOR 1 PUMP TYPE windmill

FLUID TASTE iron STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING iron

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg to 5g

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none

WATER USED FOR IMMEDIATE AREA USED FOR water

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

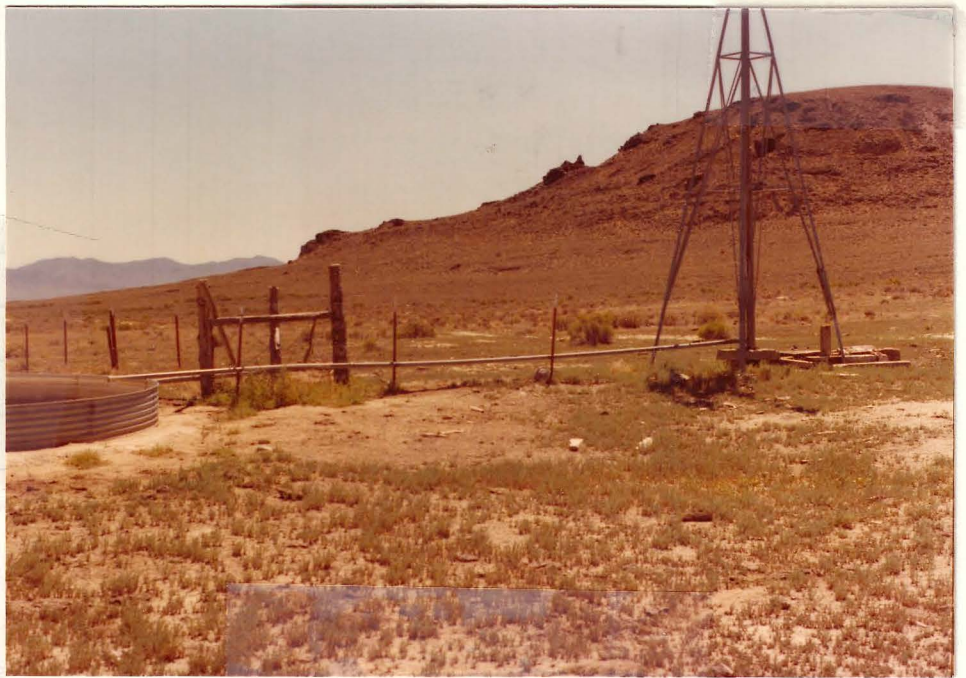
FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Bem?

PREVIOUS AND/OR CURRENT LEASES ?



1950  
2500  
to  
1000  
1000

DATE  
TIME  
LOCATION  
WIND DIRECTION  
WIND VELOCITY  
TEMPERATURE  
HUMIDITY  
CLOUDS  
VISIBILITY  
WEATHER  
REMARKS  
OBSERVER  
CHECKER



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10851 Date 7/15 Time 1500

Name SE 4 Cold Well Location: Co. Humb State Nev

Sec. 4 Twp. 41N R. 35E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4130 Quad. Awakening Peak

Sampler J. T. Lupton

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

DESCRIPTION:

WATER TEMP. °C 13 DISCHARGE 1-5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: when pump

AIR TEMP. 32 DEPTH \_\_\_\_\_

ODOR none BORE 6"

FLUID COLOR ' PUMP TYPE windmill

FLUID TASTE win STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING steel

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg to 8.g.

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA USED FOR caulds

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY BEM?

PREVIOUS AND/OR CURRENT LEASES ?

UNITED STATES GEOLOGICAL SURVEY

Water Resources Division  
Bureau of Reclamation  
Washington, D.C. 20250  
Date \_\_\_\_\_  
State \_\_\_\_\_  
County \_\_\_\_\_  
Name of Well \_\_\_\_\_  
Type of Well \_\_\_\_\_  
Depth \_\_\_\_\_  
Diameter \_\_\_\_\_  
Type of Pump \_\_\_\_\_  
Name of Head \_\_\_\_\_  
Name of Motor \_\_\_\_\_  
Name of Operator \_\_\_\_\_  
Name of Owner \_\_\_\_\_  
Name of User \_\_\_\_\_  
Name of Locality \_\_\_\_\_  
Name of Township \_\_\_\_\_  
Name of Range \_\_\_\_\_  
Name of Section \_\_\_\_\_  
Name of Meridian \_\_\_\_\_  
Name of State \_\_\_\_\_



DISCHARGE \_\_\_\_\_  
TYPE OF PUMP \_\_\_\_\_  
DEPTH \_\_\_\_\_  
DIA. \_\_\_\_\_  
TYPE OF HEAD \_\_\_\_\_  
NAME OF MOTOR \_\_\_\_\_  
NAME OF OPERATOR \_\_\_\_\_  
NAME OF OWNER \_\_\_\_\_  
NAME OF USER \_\_\_\_\_  
NAME OF LOCALITY \_\_\_\_\_  
NAME OF TOWNSHIP \_\_\_\_\_  
NAME OF RANGE \_\_\_\_\_  
NAME OF SECTION \_\_\_\_\_  
NAME OF MERIDIAN \_\_\_\_\_  
NAME OF STATE \_\_\_\_\_  
QUALITY OF WATER \_\_\_\_\_  
DATE OF PHOTO \_\_\_\_\_  
NAME OF PHOTOGRAPHER \_\_\_\_\_  
NAME OF PHOTOGRAPHER'S FIRM \_\_\_\_\_  
NAME OF PHOTOGRAPHER'S ADDRESS \_\_\_\_\_  
NAME OF PHOTOGRAPHER'S CITY \_\_\_\_\_  
NAME OF PHOTOGRAPHER'S STATE \_\_\_\_\_  
NAME OF PHOTOGRAPHER'S ZIP \_\_\_\_\_

UNITED STATES GEOLOGICAL SURVEY  
BUREAU OF RECLAMATION  
WASHINGTON, D.C. 20250



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10852 Date 7/15 Time 1330

Name NW 2 Cold Well Location: Co. Humb State Nev

Sec. 2 Twp. 41N R. 36E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4140 Quad. Awakening Peak

Sampler AT Sample

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

DESCRIPTION:

WATER TEMP. °C 13 DISCHARGE 2-5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_ when pumping

AIR TEMP. 31 DEPTH ?

ODOR none BORE 8-12"

FLUID COLOR " PUMP TYPE windmill

FLUID TASTE win STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING wire

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS ng -> 8g

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none -

WATER USED FOR IMMEDIATE AREA cauld

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

Spring No. \_\_\_\_\_ Sample No. W10853 Date 7/15 Time 1100

Name 4.5 mile South of Davenport GW Location: Co. Nebraska State NE

Sec. \_\_\_\_\_ Twp. 39N R. 36E ; 4.5 km(mi) South of Davenport

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4200 Quad. South of Awakening Peak

Sampler J.T. Leppke

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

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE 1200 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 30 DEPTH ?

ODOR none BORE 12"

FLUID COLOR \_\_\_\_\_ PUMP TYPE above grd 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 mg

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR irrigation

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 ?

BUREAU OF LAND MANAGEMENT

REPORT OF FIELD INVESTIGATION

DATE: \_\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

LOCATION: \_\_\_\_\_

STATE: \_\_\_\_\_

COUNTY: \_\_\_\_\_

SECTION: \_\_\_\_\_

TOWNSHIP: \_\_\_\_\_

RANGE: \_\_\_\_\_

ACRES: \_\_\_\_\_

EASEMENT: \_\_\_\_\_

REMARKS: \_\_\_\_\_

DRAWING: \_\_\_\_\_

PHOTOGRAPHS: \_\_\_\_\_

SPECIMENS: \_\_\_\_\_

PLANT: \_\_\_\_\_

ANIMAL: \_\_\_\_\_

ROCK: \_\_\_\_\_

TYPE (SPECIAL): \_\_\_\_\_

SCALE: \_\_\_\_\_

SHEET: \_\_\_\_\_





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10854 Date 7/15 Time 900

Name Cone Cold Spring Location: Co. Humb State Neu.

NWSW Sec. 34 Twp. 40N R. 37E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4450 Quad. Awakening Peak

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 16°C DISCHARGE 10-20 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 27°C DEPTH none

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 to fig

SALT: TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none 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 Prunato

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

JSR5F7







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10855 Date 7/15 Time 1630

Name SESE 8 cold well Location: Co. Humboldt State Nev

Sec. 8 Twp. 43N R. 37E; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4240 Quad. Orovada

Sampler Burke Hillins

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

DESCRIPTION:

WATER TEMP. °C 15° DISCHARGE 500 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 32° DEPTH —

ODOR None BORE 12"

FLUID COLOR clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD —

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD —

FLUID ISSUES FROM Well on W. ROCK DATA:

Side of road TYPE (SURFACE) Basalt

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE No

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No 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 Private ?

PREVIOUS AND/OR CURRENT LEASES —

BW-R4-F4

1

This document is a report of the  
 findings of the investigation of the  
 cause of the failure of the  
 pump at the site of the  
 water supply system. The  
 investigation was conducted  
 by the following personnel:  
 Mr. J. H. Smith, Chief  
 Engineer, and Mr. R. L.  
 Jones, Assistant Engineer.  
 The investigation was  
 conducted on the following  
 dates: August 1, 1954,  
 August 2, 1954, and  
 August 3, 1954. The  
 investigation was conducted  
 at the site of the water  
 supply system, and the  
 following information was  
 obtained:



The investigation was  
 conducted on the following  
 dates: August 1, 1954,  
 August 2, 1954, and  
 August 3, 1954. The  
 investigation was conducted  
 at the site of the water  
 supply system, and the  
 following information was  
 obtained:



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10856 Date 7/15 Time 1430

Name NE SE 35 Old Well Location: Co. Humboldt State Nev

Sec. 35 Twp. 45N R. 37E ; km/mi - of -

Lat. - Long. - Elevation 4360 Quad. Onovada

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 13.5° DISCHARGE 250 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 37° DEPTH -

ODOR None BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING steel

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Well .4 mi. ROCK DATA:

West of Highway 95 TYPE (SURFACE) ool

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE None \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Farming

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private?

PREVIOUS AND/OR CURRENT LEASES -

BW-R3-F36



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10857 Date 7/15 Time 1130

Name 13 warm well Location: Co. Humboldt State Nev.

SW Sec. 13 Twp. 47N R. 37E ; km/mi - of -

Lat. - Long. - Elevation 4440 Quad. Jordan Meadow

Sampler Burke Willis

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

DESCRIPTION:

WATER TEMP. °C 26° DISCHARGE 300 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 34° DEPTH -

ODOR None BORE 12"

FLUID COLOR Clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING Brown algae

BOILING No TYPE OF PIPING Steel

VEGETATION Brown algae ARTESIAN HEAD -

FLUID ISSUES FROM Pipe on Pump ROCK DATA:

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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC, GOOD, POOR

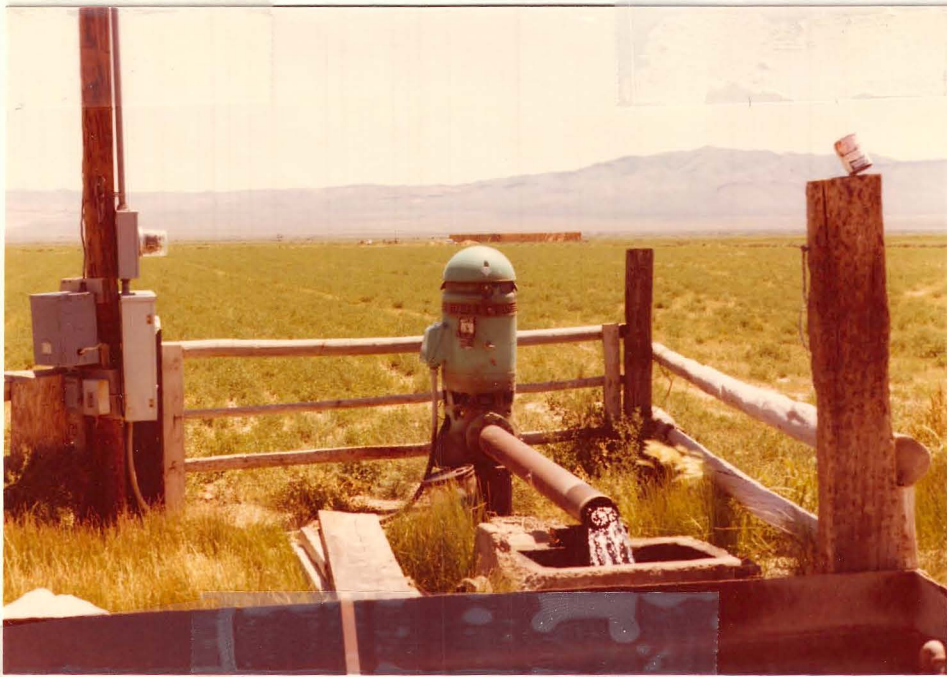
PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES -

BW-R3-F33





DEPTH

BORE

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10858 Date 7/15 Time 1400

Name SE NE 34 Cold Well Location: Co. Humboldt State Nev

SE NE Sec. 34 Twp. 45N R. 37E ; km/mi - of -

Lat. - Long. - Elevation 4280 Quad. Orovada

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 13° DISCHARGE 500 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 37° DEPTH -

ODOR None BORE 12"

FLUID COLOR Clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING white plastic 10"

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM well n Veat ROCK DATA:

side of Road Beside House 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 Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Farming

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well + pump

PROPERTY OWNED BY Private ?

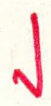
PREVIOUS AND/OR CURRENT LEASES -

BV-R3-F35





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. \_\_\_\_\_ Sample No. W10859 Date 7/15 Time 1030

Name Indian Warm Spr. Location: Co. Humboldt State Nev

SE, NE

Sec. 29 Twp. 45N R. 36E ; km/mi - of -

Lat. - Long. - Elevation 4040 Quad. Jordan meadow

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° solar Heated DISCHARGE < 1 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 33° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Bushes ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Depression in ROCK DATA:

East side of Road TYPE (SURFACE) soil

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 Groundwater seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R3-F32



1

Date: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_  
 Zip: \_\_\_\_\_



Quantity: \_\_\_\_\_  
 Unit: \_\_\_\_\_  
 Description: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_  
 Zip: \_\_\_\_\_



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10860 Date 7/15 Time 1145

Name 24 Wagon Well Location: Co. Humboldt State NEV

NW

Sec. 24 Twp. 47N R. 37E ; - km/mi - of -

Lat. - Long. - Elevation 4440 Quad. Jordan meadow

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 250 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 34° DEPTH -

ODOR None BORE 10"

FLUID COLOR Clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING Brown algae

BOILING No TYPE OF PIPING Steel

VEGETATION Brown & Green algae ARTESIAN HEAD -

FLUID ISSUES FROM Pipe on Electric ROCK DATA:

Pump in central portion TYPE (SURFACE) ool

of Valley COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private?

PREVIOUS AND/OR CURRENT LEASES -

BW-R3-F34





Faint, illegible text, likely bleed-through from the reverse side of the page. The text is mirrored and difficult to decipher but appears to contain several lines of a document or report.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10861 Date 7/14 Time 1415

Name NE SE 32 Warm Spr Location: Co. Humboldt State Nev

NE SE

Sec. 32 Twp. 47N R. 39E ; km/mi - of -

Lat. - Long. - Elevation 4360 Quad. Mc Dermitt

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° solar heated DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 34° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR smokey grey PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Grasses & water cress ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM small ponds ROCK DATA:

in central portion of TYPE (SURFACE) sand

Valley - 5mi W. of Highway 95 COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR cattle

QUANTITY \_\_\_\_\_ IMMEDIATE AREA grazing

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural Groundwater Seepage

PROPERTY OWNED BY Private

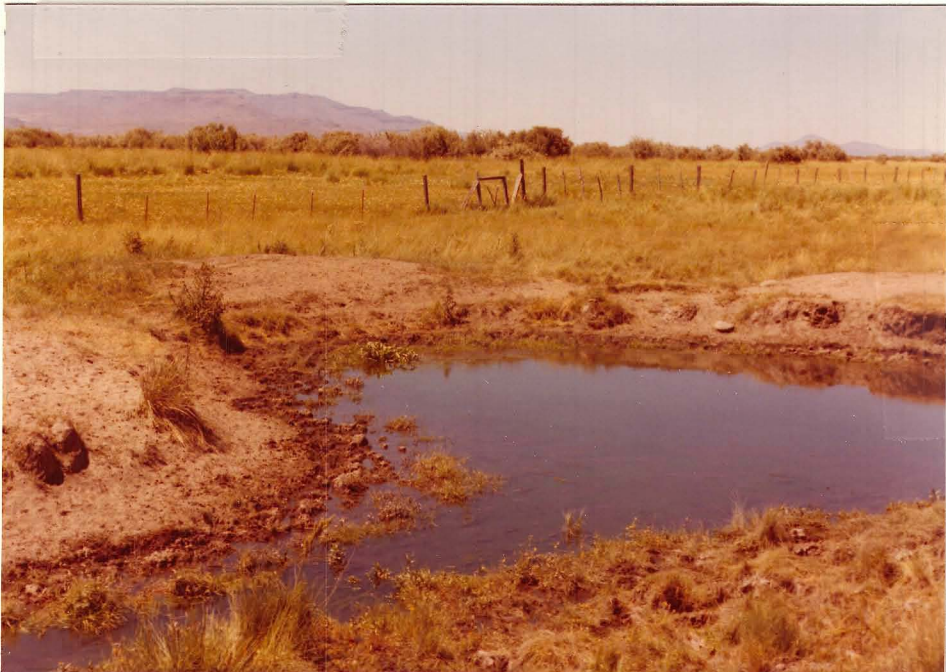
PREVIOUS AND/OR CURRENT LEASES ?

BW-R3-F39



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Handwritten notes on lined paper, including a small yellow sticky note on the right side.





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10862 Date 7/15 Time 1500

Name SE, SE, SE, 3 Cold Well Location: Co. Humboldt State Nev

Sec. 3 Twp. 44N R. 37E ; km/mi - of -

Lat. - Long. - Elevation 4270 Quad. Orovada

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>12.5°</u>	DISCHARGE	<u>250</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>37°</u>	DEPTH	<u>-</u>
ODOR	<u>None</u>	BORE	<u>10"</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>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>-</u>

FLUID ISSUES FROM	<u>Well at SE corner</u>	ROCK DATA:	
	<u>Sec 3, NE sec 10, NW sec 11, SW sec 2.</u>	TYPE (SURFACE)	<u>Gal</u>
		COLOR	<u> </u>

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

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

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F2





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10862 Date 7/15 Time 1500

Name SE, SE, SE, 3 Cold Well Location: Co. Humboldt State Nev

Sec. 3 Twp. 44N R. 37E ; km/mi - of -

Lat. - Long. - Elevation 4270 Quad. Orovada

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>12.5°</u>	DISCHARGE	<u>250</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>37°</u>	DEPTH	<u>-</u>
ODOR	<u>None</u>	BORE	<u>10"</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>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>-</u>

FLUID ISSUES FROM	<u>Well at SE corner</u>	ROCK DATA:	
	<u>Sec 3, NE sec 10, NW sec 11, SW sec 2.</u>	TYPE (SURFACE)	<u>Gal</u>
		COLOR	<u> </u>

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

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

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F2





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10863 Date 7/15 Time 1500

Name SW, NW, SE 2 Cold Well Location: Co. Humboldt State Nev.

Sec. 2 Twp. 44N R. 37E ; km/mi - of -

Lat. - Long. - Elevation 4320 Quad. Orovada

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 140 DISCHARGE 250 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 -

BUBBLING No SCALING -

BOILING No TYPE OF PIPING aluminum

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Pipe .25 in ROCK DATA:

S. of Pump, Beards old TYPE (SURFACE) oal

well casing COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Ranching

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well & Pump

PROPERTY OWNED BY Private?

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F1







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10864 Date 7/15 Time 910

Name SE SE 23 Cold Spr. Location: Co. Humboldt State Nev

Sec. 23 Twp. 46N R. 35E ; km/mi - of -

Lat. - Long. - Elevation 6100 Quad. Disaster 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 16° DISCHARGE 25 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 27° 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 Spings on ROCK DATA:

Hillside at end of canyon TYPE (SURFACE) oral

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR cattle

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Grazing

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Groundwater seepage along Possible Faults

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-RJ-F31



*[Faint, illegible text, likely bleed-through from the reverse side of the page.]*





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W110865 Date 7/15 Time 1700  
 Name NE NE NE 20 Old Well Location: Co. Humboldt State Nev  
 Sec. 20 Twp. 43N R. 37E ; km/mi - of -  
 Lat. - Long. - Elevation 4200 Quad. Orovada  
 Sampler Burke Villiano

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

DESCRIPTION:

WATER TEMP. °C	<u>14.5</u>	DISCHARGE	<u>300</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>33</u>	DEPTH	<u>-</u>
ODOR	<u>None</u>	BORE	<u>12"</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>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>-</u>

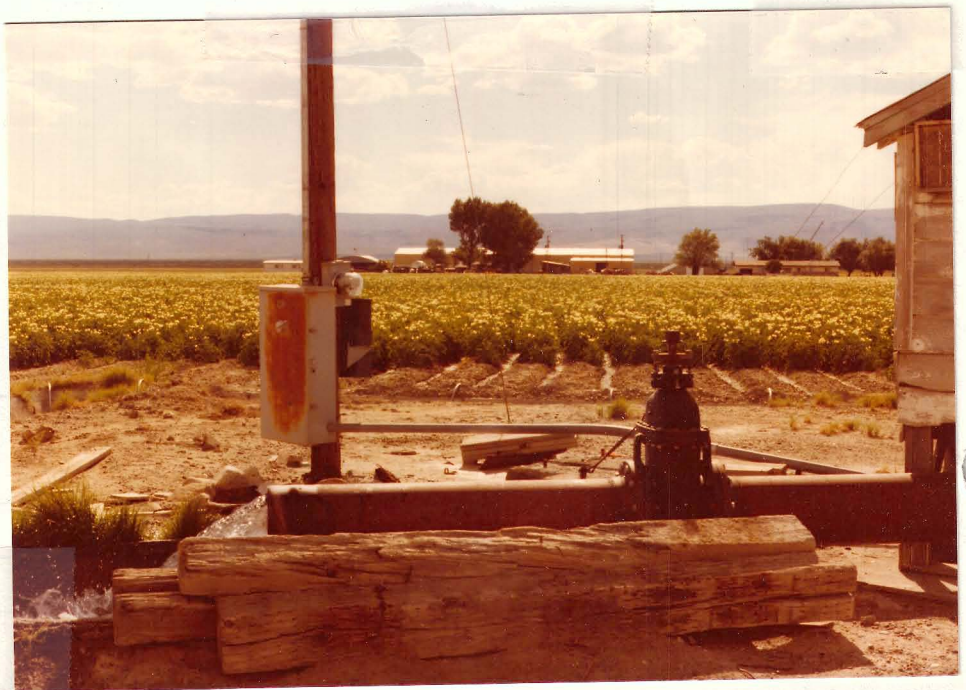
FLUID ISSUES FROM	<u>well on West side Road</u>	ROCK DATA:	
		TYPE (SURFACE)	<u>oal</u>
		COLOR	

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

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

PROBABLE CAUSE OF MANIFESTATION Well & Pump  
 PROPERTY OWNED BY Private?  
 PREVIOUS AND/OR CURRENT LEASES -

BW-R4-5







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10866 Date 7/15 Time 16  
Name NE, NE, NE 33 Cold Well Location: Co. Humboldt State Nev  
Sec. 33 Twp. 43N R. 37E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4280 Quad. Orovada  
Sampler Bruce Williams

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

DESCRIPTION:

WATER TEMP. °C 15° DISCHARGE 500 gpm/Lpm  
GROUND TEMP. °C - WELL DATA:  
AIR TEMP. 37 DEPTH -  
ODOR None BORE 12"  
FLUID COLOR Clear PUMP TYPE Electric  
FLUID TASTE None STATIC HEAD -  
BUBBLING No SCALING -  
BOILING No TYPE OF PIPING Steel  
VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Well on S. Side of Road 1.5 mi W. Highway 95 ROCK DATA:  
TYPE (SURFACE) Sol  
COLOR \_\_\_\_\_

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_  
QUANTITY \_\_\_\_\_  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_  
TYPE None WATER USED FOR IMMEDIATE AREA USED FOR Irrigation Farming  
QUANTITY \_\_\_\_\_  
COLOR \_\_\_\_\_  
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump  
PROPERTY OWNED BY Private?  
PREVIOUS AND/OR CURRENT LEASES -

BW-94-F3







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10867 Date 7/15 Time 1600  
 Name NW NW 8 cold well Location: Co. Humboldt State Nev  
 Sec. 8 Twp. 44N R. 34E ; km/mi - of -  
 Lat. - Long. - Elevation 4190 Quad. Thacher Pass  
 Sampler Burke Villiers

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

DESCRIPTION:

WATER TEMP. °C	<u>140</u>	DISCHARGE	<u>1000</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>35°</u>	DEPTH	<u>-</u>
ODOR	<u>None</u>	BORE	<u>12"</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>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>-</u>

FLUID ISSUES FROM	<u>Well on</u>	ROCK DATA:	
	<u>E. side of Road</u>	TYPE (SURFACE)	<u>Bas</u>
		COLOR	

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

SINTER:		RX TYPE (AT DEPTH)	
TYPE	<u>None</u>	WATER USED FOR	<u>Irrigation</u>
QUANTITY		IMMEDIATE AREA	<u>Ranching</u>
COLOR		USED FOR	
FORM			

QUALITY OF SAMPLE: (EXC.) GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private?

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F13

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10868 Date 2/16 Time 1730

Name NW SW 12 Cold well Location: Co. Humb State Nev

Sec. 12 Twp. 44N R. 33E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4220 Quad. Thacker Pass

Sampler A. T. Sengels

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

DESCRIPTION:

WATER TEMP. °C 15°C DISCHARGE 1000 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 35°C DEPTH \_\_\_\_\_

ODOR none BORE 12"

FLUID COLOR \_\_\_\_\_ PUMP TYPE aboveground, electric

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM irrigation well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mq -> f.g.

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none

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 Private

PREVIOUS AND/OR CURRENT LEASES P

JS RS F26





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10869 Date 7/10 Time 1545

Name NW 7 CR 2 Well Location: Co. Humb State Neu

Sec. 7 Twp. 44N R. 33E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4203 Quad. Thacker Pass

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 14 DISCHARGE 500-700 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 35 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 negative well ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE MEGASCOPIC MINERALS mg -> g.

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA USED FOR negative

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

STATE OF ARIZONA  
 DEPARTMENT OF WATER RESOURCES  
 DIVISION OF WATER RIGHTS  
 WATER RIGHT NO. \_\_\_\_\_  
 COUNTY OF \_\_\_\_\_  
 LOCATION OF WATER RIGHT \_\_\_\_\_  
 CLASSIFICATION \_\_\_\_\_  
 DATE OF APPLICATION \_\_\_\_\_  
 APPLICANT'S NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_  
 MAILING ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_  
 COUNTY \_\_\_\_\_  
 LOCATION OF WATER RIGHT \_\_\_\_\_  
 CLASSIFICATION \_\_\_\_\_  
 DATE OF APPLICATION \_\_\_\_\_  
 APPLICANT'S NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_  
 MAILING ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_  
 COUNTY \_\_\_\_\_



WATER RIGHT NO. \_\_\_\_\_  
 COUNTY OF \_\_\_\_\_  
 LOCATION OF WATER RIGHT \_\_\_\_\_  
 CLASSIFICATION \_\_\_\_\_  
 DATE OF APPLICATION \_\_\_\_\_  
 APPLICANT'S NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_  
 MAILING ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_  
 COUNTY \_\_\_\_\_





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10870 Date 2/16 Time 1700

Name NW 16 Coldwell Location: Co. Humb State Nev

Sec. 16 Twp. 44N R. 34E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4125 Quad. Thacker Pass

Sampler A.T. Sudyta

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

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE 500-800 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 35 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 irrigation well ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE MEGASCOPIC MINERALS mg to fg

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

WATER USED FOR IMMEDIATE AREA USED FOR irrigation

QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS RS F25







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10871 Date 7/16 Time 1630

Name NE 20 Cold well Location: Co. Harboldt State Nev

Sec. 20 Twp. 44N R. 34E ; km/mi - of -

Lat. - Long. - Elevation 4170 Quad. Thacher Pass

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 13° DISCHARGE 750 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 -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING steel

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Well ROCK DATA:

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 Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F14





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10872 Date 7/10 Time 1520

Name NWNW 6 Cold Well Location: Co. Aumb State Nev

Sec. 6 Twp. 44N R. 33E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4203 Quad. Thacker Pass

Sampler A.T. Deulpe

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

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE 500 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 34 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 vegetation well ROCK DATA:

TYPE (SURFACE) cal

COLOR brn

GRAIN SIZE mg to 2g

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Pawato

PREVIOUS AND/OR CURRENT LEASES ?

np



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10873 Date 7/16 Time 1020

Name SE SE 11 Warm Springs Location: Co. Humboldt State Nev

Sec. 11 Twp. 44N R. 34E ; km/mi - of -

Lat. - Long. - Elevation 4560 Quad. Thacher Pass

Sampler Bruce Wilkins

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 10-15 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 36° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING No SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Groves ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM spring on ROCK DATA:

Hillside on N. side of Park TYPE (SURFACE) Sal

Highway COLOR \_\_\_\_\_

SALT: GRAIN SIZE Coarse

TYPE None MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR -0-

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR -0-

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Groundwater Seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F8







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10874 Date 7/16 Time 830

Name SW 5W 10 Cold Well Location: Co. Humboldt State Nev

Sec. 10 Twp. 42N R. 37E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4260 Quad. Q60004

Sampler Burke Wilkins

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

DESCRIPTION:

WATER TEMP. °C 16° DISCHARGE 500 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 24° DEPTH -

ODOR None BORE 12

FLUID COLOR Clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING No

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Well on East ROCK DATA:

side of Paved Road TYPE (SURFACE) oal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE No MEGASCOPIC \_\_\_\_\_

QUANTITY \_\_\_\_\_ MINERALS \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Ranching

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES -

8V-R4-F6





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10875 Date 7/16 Time 1100

Name SE SW 31 Cold Well Location: Co. Humboldt State New

Sec. 31 Twp. 43N R. 35E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. - Long. - Elevation 4120 Quad. Teacher Pass

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° DISCHARGE 3-5 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 35° DEPTH -

ODOR None BORE 4"

FLUID COLOR clear PUMP TYPE Windmill

FLUID TASTE Iron Taste STATIC HEAD -

BUBBLING No SCALING None

BOILING NO TYPE OF PIPING Galvanized

VEGETATION Green algae ARTESIAN HEAD -

FLUID ISSUES FROM Windmill ROCK DATA:

TYPE (SURFACE) Gal

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 Windmill pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R7-F10





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10876 Date 7/16 Time 1330  
 Name NE NE 7 cold well Location: Co. Humboldt State Nev  
 Sec. 7 Twp. 45N R. 34E ; km/mi - of -  
 Lat. - Long. - Elevation 4300 Quad. Disaster Peak  
 Sampler Burke William

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

DESCRIPTION:

WATER TEMP. °C	<u>15°</u>	DISCHARGE	<u>500</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>34°</u>	DEPTH	<u>-</u>
ODOR	<u>None</u>	BORE	<u>12"</u>
FLUID COLOR	<u>clear</u>	PUMP TYPE	<u>Electric</u>
FLUID TASTE	<u>No</u>	STATIC HEAD	<u>-</u>
BUBBLING	<u>No</u>	SCALING	<u>-</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>-</u>

FLUID ISSUES FROM Well on SW. side County Road ROCK DATA:  
 TYPE (SURFACE) soil  
 COLOR \_\_\_\_\_

SALT:  
 TYPE None GRAIN SIZE \_\_\_\_\_  
 QUANTITY \_\_\_\_\_ MEGASCOPIC \_\_\_\_\_  
 COLOR \_\_\_\_\_ MINERALS \_\_\_\_\_  
 FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_  
 TYPE None WATER USED FOR Irrigation  
 QUANTITY \_\_\_\_\_ IMMEDIATE AREA Farming  
 COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_  
 FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump  
 PROPERTY OWNED BY Private?  
 PREVIOUS AND/OR CURRENT LEASES -

JS-R5-F20







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10877 Date 7/16 Time 845

Name NE NE 17 Cold Well Location: Co. Humboldt State Nev

Sec. 17 Twp. 42 N R. 37 E ; km/mi - of -

Lat. - Long. - Elevation 4220 Quad. Overado

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 500 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 25° DEPTH -

ODOR None BORE 10"

FLUID COLOR clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION No ARTESIAN HEAD -

FLUID ISSUES FROM Well on East ROCK DATA:

Side of County Road TYPE (SURFACE) soil

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE No \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE No WATER USED FOR Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F7





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10878 Date 7/16 Time 1500

Name SW NW 30 Cold Well Location: Co. Humb State New

Sec. 30 Twp. 45N R. 33E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4217 Quad. Disaster Peak

Sampler Joseph T. Siefert

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

DESCRIPTION:

WATER TEMP. °C 12°C DISCHARGE 500-700 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 34°C 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 irrigation well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE mg to fig

MEGASCOPIC MINERALS \_\_\_\_\_

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR irrigation

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 ?



Date: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_  
 Zip: \_\_\_\_\_



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 Signature: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_  
 Zip: \_\_\_\_\_

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10879 Date 7/16 Time 830

Name SW 9-15 Cold well Location: Co. Humb State Neu

Sec. 15 Twp. 41N R. 37E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4260 Quad. Orouada

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 15°C DISCHARGE 500-600 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 25 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 negative well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg -> fig.

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA USED FOR negative

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY private

PREVIOUS AND/OR CURRENT LEASES ?

JSR5F17





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10880 Date 7/16 Time 1900

Name NES Cold Spring Location: Co. Humb. State New

Sec. 5 Twp. 45N R. 34E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4800 Quad. Disaster Peak

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 14°C DISCHARGE 1-3 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 32 DEPTH none

ODOR none BORE \_\_\_\_\_

FLUID COLOR \_\_\_\_\_ PUMP TYPE \_\_\_\_\_

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Quail ROCK DATA:

TYPE (SURFACE) Quail

COLOR brown

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none 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 Bern?

PREVIOUS AND/OR CURRENT LEASES ?

JSRS F21





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10881 Date 7/16 Time 1430

Name SW NE 24 Cold well Location: Co. Humb State Nev

Sec. 24 Twp. 45N R. 33E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4230 Quad. Dwarter Peak

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 12 DISCHARGE 500-700 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. 31 DEPTH \_\_\_\_\_

ODOR none BORE 12"

FLUID COLOR \_\_\_\_\_ PUMP TYPE abnegnot 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 brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg to big

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA USED FOR irrigation

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

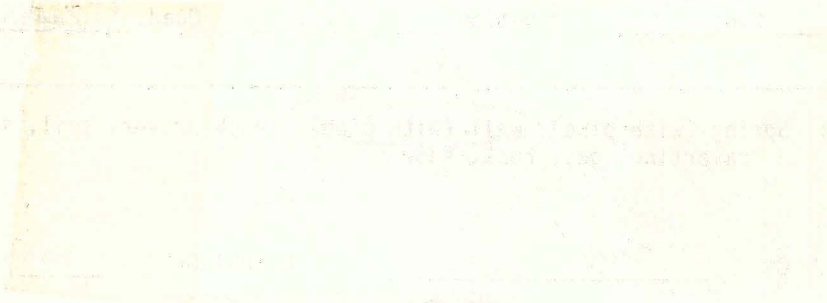
FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10882 Date 7/16 Time 1500  
 Name SE SW 24 Cold Well Location: Co. Humboldt State Nev.  
 Sec. 24 Twp. 45N R. 33E ; km/mi - of -  
 Lat. - Long. - Elevation 4220 Quad. Diaster 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	<u>13°</u>	DISCHARGE	<u>1000</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>36°</u>	DEPTH	<u>-</u>
ODOR	<u>None</u>	BORE	<u>16"</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>None</u>
BOILING	<u>No</u>	TYPE OF PIPING	<u>Steel</u>
VEGETATION	<u>None</u>	ARTESIAN HEAD	<u>-</u>
FLUID ISSUES FROM	<u>Well</u>	ROCK DATA:	

		TYPE (SURFACE)	<u>oil</u>
		COLOR	_____

SALT:

TYPE	<u>None</u>	GRAIN SIZE MEGASCOPIC MINERALS	_____
QUANTITY	_____		_____
COLOR	_____		_____
FORM	_____	ALTERATION	_____

SINTER:

		RX TYPE (AT DEPTH)	_____
TYPE	<u>None</u>	WATER USED FOR IMMEDIATE AREA	<u>Irrigation</u>
QUANTITY	_____	USED FOR	<u>Ranching</u>
COLOR	_____		_____
FORM	_____	QUALITY OF SAMPLE: (EXC.), GOOD, POOR	_____

PROBABLE CAUSE OF MANIFESTATION Well & Pump  
 PROPERTY OWNED BY Rio King Ranch  
 PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F12







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10883 Date 7/16 Time 1415

Name NW 36 Cold Well Location: Co. Humboldt State Nev

Sec. 36 Twp. 46N R. 33E ; km/mi - of -

Lat. - Long. - Elevation 4310 Quad. Dixster 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 15° DISCHARGE 250 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 35° DEPTH -

ODOR None BORE 12"

FLUID COLOR Clear PUMP TYPE Electric

FLUID TASTE None STATIC HEAD -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Steel

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Well ROCK DATA:

TYPE (SURFACE) ool

COLOR \_\_\_\_\_

SALT:

GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE None

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR Irrigation

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well & Pump

PROPERTY OWNED BY Private ?

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F11





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10884 Date 7/16 Time 1100

Name SE 35 Cold Well Location: Co. Humb State Neu

Sec. 35 Twp. 44N R. 34E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4165 Quad. Thacker Pass

Sampler A.T. Sulfate

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

DESCRIPTION:

WATER TEMP. °C 14°C DISCHARGE 1-5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 28°C DEPTH ?

ODOR none BORE 6"

FLUID COLOR \_\_\_\_\_ PUMP TYPE windmill

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING steel

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill pipe ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg to fg

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA USED FOR caulc

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY Berna?

PREVIOUS AND/OR CURRENT LEASES ?

JS R5 F19







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10885 Date 7/16 Time 800

Name NE 33 Cold Well Location: Co. Humb State Nev

Sec. 33 Twp. 42N R. 36E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4248 Quad. Orovada

Sampler J.T. Searles

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

DESCRIPTION:

WATER TEMP. °C 15°C DISCHARGE 1000 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 25 DEPTH \_\_\_\_\_

ODOR none BORE 12"

FLUID COLOR \_\_\_\_\_ PUMP TYPE above grd; electric

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING steel, pvc

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM pvc pipe; ROCK DATA:

irrigation well TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg -> fig.

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - 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 ?

JSR5F16





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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10886 Date 7/16 Time 900

Name SE 20 Cold well Location: Co. Humb State Neu

Sec. 20 Twp. 42N R. 36E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4210 Quad. Droevada

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 14°C DISCHARGE 500-700 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 25°C 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 irrigation well ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE MEGASCOPIC MINERALS mg -> f.g.

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - 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 Private

PREVIOUS AND/OR CURRENT LEASES ?

JSR5 F18





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10887 Date 7/15 Time 1010

Name NW 6 Cold Well Location: Co. Humb State Nev

Sec. 6 Twp. 39 N R. 36 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 4150 Quad. Awakening Peak

Sampler GT Sample

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

DESCRIPTION:

WATER TEMP. °C 13 DISCHARGE 10-20 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 29°C DEPTH ?

ODOR none BORE 6"

FLUID COLOR \_\_\_\_\_ PUMP TYPE submersible electric

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING steel

VEGETATION \_\_\_\_\_ ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM windmill ROCK DATA:

pipe TYPE (SURFACE) Quartz

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg to fig

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE - none - WATER USED FOR IMMEDIATE AREA USED FOR cattle

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pump

PROPERTY OWNED BY BDM?

PREVIOUS AND/OR CURRENT LEASES ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10888 Date 7/15/77 Time 1600

Name Sec 19 W.S. Location: Co. Polk State Iowa

SWSE

Sec. 19 Twp. 41N R. S2E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5840 Quad. Tuscarora (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 28°C DISCHARGE 25-30 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE Hard (Bitter) STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION grm grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM mountain range / valley floor contact ROCK DATA:

TYPE (SURFACE) Qal / T<sub>v</sub>

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 Large fault faulting

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10889 Date 1/15/77 Time 1530

Name Sec 17 W.S. Location: Co. Tellico State Nv.

*NENE*

Sec. 17 Twp. 41N R. 52E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5800 Quad. Tuacacora (15')

Sampler RBate

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 \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION grm grass, some algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM hillsides gravel bed on ROCK DATA:

TYPE (SURFACE) Q<sub>2</sub>

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE 0 WATER USED FOR Nothing

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Ranch

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 F10





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10890 Date 7/15/77 Time 1400

Name Sec 8 N.S. Creek Location: Co. Elko State Nevada

*NW* Sec. 8 Twp. 41N R. 52E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 8800 Quad. Tuocumville (15')

Sampler R. Bates

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

DESCRIPTION:

WATER TEMP. °C 26°C DISCHARGE 1 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 30°C DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION pin grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM creek bed 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 USED FOR Nothing / all the maybe

QUANTITY \_\_\_\_\_ Ranking

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR GOOD

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR 3 F9



STATE OF CALIFORNIA  
COUNTY OF LOS ANGELES  
CITY OF LOS ANGELES  
PLANNING DEPARTMENT  
111 SOUTH MAIN STREET, 12TH FLOOR  
LOS ANGELES, CALIFORNIA 90012  
TEL: (213) 473-1000

PROJECT: [Illegible]  
LOCATION: [Illegible]  
DATE: [Illegible]  
SCALE: [Illegible]  
DRAWN BY: [Illegible]  
CHECKED BY: [Illegible]  
APPROVED BY: [Illegible]  
DATE: [Illegible]



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10891 Date 7/16/77 Time 1230

Name March Creek W.S. Location: Co. Elko State Nev.

SWNW Sec. 8 Twp. 41N R. 53E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 7120 Quad. Tuocumville (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 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 from grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM gravel bed up ROCK DATA: \_\_\_\_\_

March Creek Canyon TYPE (SURFACE) Qal / T<sub>v</sub>

\_\_\_\_\_ 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 Nothing

COLOR \_\_\_\_\_ nothing

FORM \_\_\_\_\_ QUALITY OF SAMPLER: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RR3F14





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10892 Date 7/20 Time 1530

Name Corral CS Location: Co. Zander State Nev.

NW NW Sec. 23 Twp. 14N R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6320 Quad. Carroll Summit NE 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 18 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 pile of rocks ROCK DATA:

w of corral 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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION possible fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F25





Rock Sample ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10893 Date 7/20 Time 1130

Name NWNW 25 HS Location: Co. Lander State Nev.

NWNW Sec. 25 Twp. 17N R. 39E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6060 Quad. Carroll Summit SE 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 91 DISCHARGE 5 (gpm/Lpm)

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE mildly sulphurous STATIC HEAD \_\_\_\_\_

BUBBLING mild SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM ridge of ROCK DATA:

hot springs TYPE (SURFACE) Cal- ridge of spring deposits  
COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE KCl MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY major \_\_\_\_\_

COLOR white \_\_\_\_\_

FORM amorphous ALTERATION \_\_\_\_\_

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 possible extension of range fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F19



Rock  
Sample



ridge of  
hot springs  
in valley

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10894 Date 7/20 Time 1500

Name North Twin CS Location: Co. Lander State NV

NE Sec. 27 Twp. 18N R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6340 Quad. Corroll Summit NE 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 18 DISCHARGE 20 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 gravel at ROCK DATA:

E of road 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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION possible fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

PM R2 F24





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10895 Date 7/20 Time 1400

Name SESW 27 C15 Location: Co. Lander State Nev

SESW Sec. 27 Twp. 16N R. 39E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6350 Quad. Carroll Summit NE 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 180 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 small mound ROCK DATA:

at 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 \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION possible fault

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

DM R2 F22





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10896 Date 7/20 Time 1430

Name Central 27 C15 Location: Co. Lander State NV

Sec. 27 Twp. 18N R. 39E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6340 Quad. Carroll Summit NE 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 18 DISCHARGE 20 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 E of road 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 \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION possible fault

PROPERTY OWNED BY ?

PREVIOUS AND/OR CURRENT LEASES ?

DM R2 F 23







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10897 Date 7/20 Time 945

Name NE 2 Hot Sprs. Location: Co. Nye State Nev

Sec. 2 Twp. 14N R. 47E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6640 Quad. Dianas Panch Bowl

Sampler Bule Williams

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

DESCRIPTION:

WATER TEMP. °C 44° DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C — WELL DATA:

AIR TEMP. 27° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR Clear PUMP TYPE \_\_\_\_\_

FLUID TASTE Hard CO2 STATIC HEAD \_\_\_\_\_

BUBBLING Mild CO2 SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION white & Brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Sinkholes South ROCK DATA:

of Buttes at Potts TYPE (SURFACE) altered Rhyolite

Ranch COLOR White

SALT: GRAIN SIZE Med-Fine

TYPE None MEGASCOPIC MINERALS Otz, Hornblende

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION Hydrothermally altered

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR Cattle

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Grazing

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NE-SW Fault system

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES —

Bw-R4-F23





Handwritten notes on a lined page, including a date and various entries. The text is mirrored and difficult to read due to bleed-through from the reverse side of the paper.

DATE: 10-10-78

LOCATION: [illegible]

TIME: [illegible]

TEMPERATURE: [illegible]

WIND: [illegible]

MOISTURE: [illegible]

SOIL: [illegible]

PLANTS: [illegible]

ANIMALS: [illegible]

REMARKS: [illegible]



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10898 Date 7/20 Time 930

Name Potts Ranch Cold Spr. Location: Co. Nye State Nev

SWSW Sec. 36 Twp. 15N R. 47E ; km/mi - of -

Lat. - Long. - Elevation 6640 Quad. Dianas Ranch Boul

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 1-2 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 Green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinthole on E. side of County Road ROCK DATA:

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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Groundwater Seepage

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

Bw-R4-F22





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10899 Date 7/00 Time 1430  
 Name SE SE 33 Cold Spr Location: Co. Nye State Nev  
 Sec. 33 Twp. 12N R. 47E ; km/mi - of -  
 Lat. - Long. - Elevation 7000 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>17°</u>	DISCHARGE	<u>5</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>22°</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>Grasses &amp; Moss</u>	ARTESIAN HEAD	_____

FLUID ISSUES FROM Spring in thicket ROCK DATA:  
of Rose bushes & trees at base TYPE (SURFACE) Gal  
of Range COLOR \_\_\_\_\_

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_  
 QUANTITY \_\_\_\_\_  
 COLOR \_\_\_\_\_  
 FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_  
 TYPE None WATER USED FOR IMMEDIATE AREA USED FOR - 0 -  
 QUANTITY \_\_\_\_\_ - 0 -  
 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-R4-F27







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10900 Date 7/20 Time 1330

Name SE SE 35 Cold Well Location: Co. Nye State Nev

Sec. 35 Twp. 12 N R. 46 E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6816 Quad. Pine Creek 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 12.5° DISCHARGE 10-15 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 31° DEPTH -

ODOR None BORE 2"

FLUID COLOR Clear PUMP TYPE Windmill

FLUID TASTE K-Taste STATIC HEAD -

BUBBLING No SCALING None

BOILING No TYPE OF PIPING Galvanized steel

VEGETATION None ARTESIAN HEAD -

FLUID ISSUES FROM Windmill ROCK DATA:

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 Cattle

QUANTITY \_\_\_\_\_ USED FOR Grazing

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F25







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10901 Date 7/20 Time 1530  
 Name SE 30 Cold well Location: Co. Nye State Nev.  
 Sec. 30 Twp. 12N R. 47E ; km/mi - of -  
 Lat. - Long. - Elevation 6808 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>9°</u>	DISCHARGE	<u>5</u> gpm/Lpm
GROUND TEMP. °C	<u>-</u>	WELL DATA:	
AIR TEMP.	<u>22°</u>	DEPTH	<u>-</u>
ODOR	<u>None</u>	BORE	<u>6"</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>-</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	

SALT:

TYPE	<u>None</u>	GRAIN SIZE MEGASCOPIC MINERALS	
QUANTITY			
COLOR			
FORM		ALTERATION	

SINTER:

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

PROBABLE CAUSE OF MANIFESTATION Windmill Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R4-F29





Blank lined paper with three hole punches on the right side. The paper contains faint, illegible text and markings, possibly bleed-through from the reverse side or very light handwriting.



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10902 Date 7/20 Time 1400

Name SW NW 5 Warm Spgs. Location: Co. Nye State Nev

Sec. 5 Twp. 11N R. 47E ; km/mi - of -

Lat. - Long. - Elevation 6830 Quad. Mosquito Creek

Sampler Burke Wilkins

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

DESCRIPTION:

WATER TEMP. °C 33° DISCHARGE 1-2 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 26° DEPTH \_\_\_\_\_

ODOR Mild H2S 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 Springs in Valley ROCK DATA:

9 mi south abandoned Ranch TYPE (SURFACE) Gal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

TYPE KCl

QUANTITY Minor

COLOR White

FORM Amorphous ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR IMMEDIATE AREA \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR Grazing

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD POOR

PROBABLE CAUSE OF MANIFESTATION Possible N-S Fault System

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F26



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10903 Date 7/20 Time 1500

Name NE 20 Hot Well Location: Co. Nye State Nev

NW NE Sec. 20 Twp. 2N R. 47E ; km/mi - of -

Lat. - Long. - Elevation \_\_\_\_\_ 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 55° DISCHARGE 50 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 24° DEPTH -

ODOR None BORE 14"

FLUID COLOR clear PUMP TYPE Flowing Artesian

FLUID TASTE Bitter STATIC HEAD None

BUBBLING No SCALING None

BOILING No TYPE OF PIPING steel

VEGETATION Brown & white algae ARTESIAN HEAD Flowing

FLUID ISSUES FROM Well in Valley ROCK DATA:

Floor TYPE (SURFACE) oal

COLOR \_\_\_\_\_

SALT: TYPE None GRAIN SIZE MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE None WATER USED FOR IMMEDIATE AREA USED FOR -0-

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

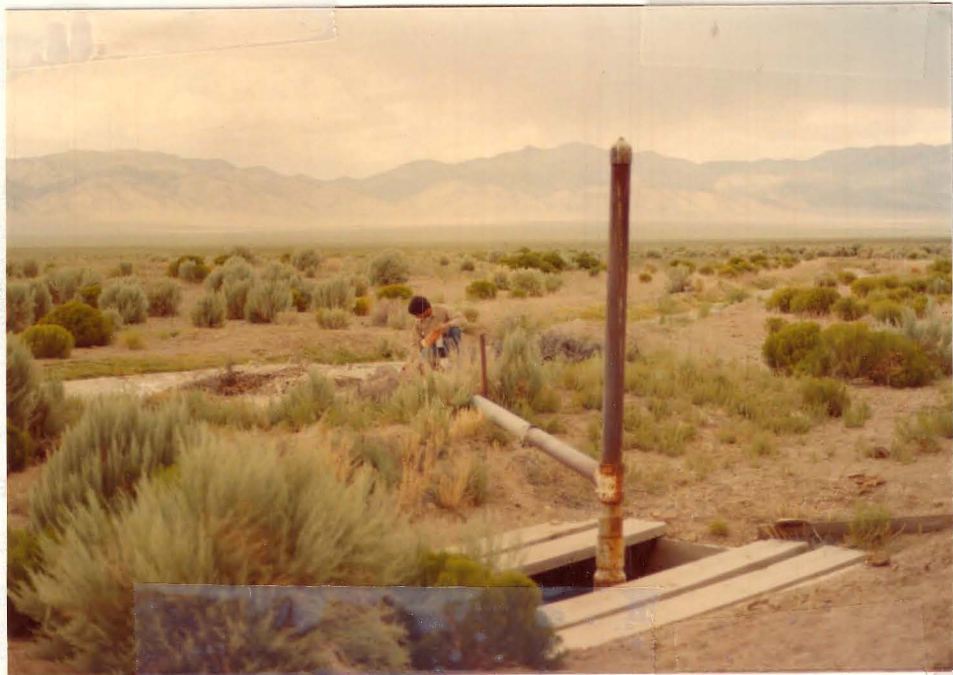
PROBABLE CAUSE OF MANIFESTATION Oil & Gas test Well

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F28







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10904 Date 7/20 Time 1600

Name Johnson Hole cold well Location: Co. Nye State Nev.

NW NW Sec. 19 Twp. 12N R. 47E ; km/mi - of -

Lat. - Long. - Elevation \_\_\_\_\_ 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 11.5 DISCHARGE 15 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 17° DEPTH -

ODOR None BORE 16"

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) 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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ USED FOR Grazing

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION windmill Puffs

PROPERTY OWNED BY B2M

PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F30



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10905 Date 7/20 Time 1245

Name SE NE 4 well Location: Co. Nye State Nev

Sec. 4 Twp. 11N R. 46E ; km/mi - of -

Lat. - Long. - Elevation \_\_\_\_\_ Quad. Pine Creek 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 9.5° DISCHARGE 10 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 25° 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 East ROCK DATA:

of County Road TYPE (SURFACE) sal

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

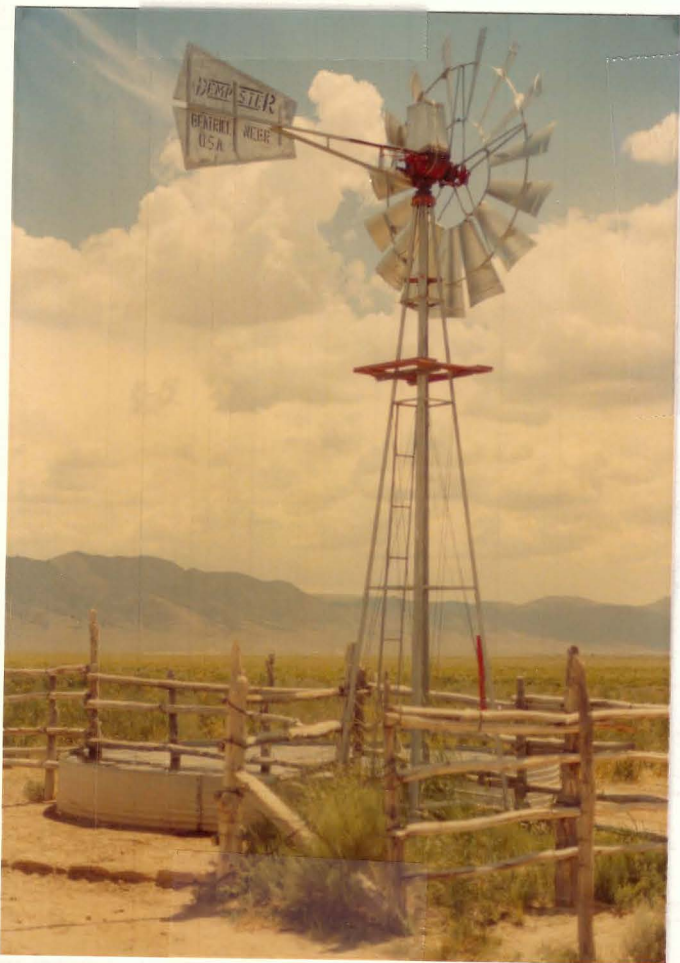
PROBABLE CAUSE OF MANIFESTATION Well & Pump

PROPERTY OWNED BY Private ?

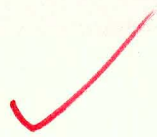
PREVIOUS AND/OR CURRENT LEASES -

BW-R4-F24





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM



Spring No. \_\_\_\_\_ Sample No. W10906 Date 7/20/77 Time 1630

Name Crystal c.s. Location: Co. Eureka State Nev.

SE NE

Sec. 29 Twp. 23N R. 48E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5960 Quad. Wells Hal Springs (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 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 thin algae, green grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM side of mountain ROCK DATA:

rocks 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 \_\_\_\_\_

QUANTITY \_\_\_\_\_ IMMEDIATE AREA USED FOR Nothing

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR3 F 26





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10907 Date 7/27/77 Time 1330

Name Polato Canyon C.S. Location: Co. Emery State Nev.

Sec. 10 Twp. 23N R. 4&E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long \_\_\_\_\_ Elevation 6600 Quad. Walki Hot Springs (15')

Sampler Robb

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

DESCRIPTION:

WATER TEMP. °C 14°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 in grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM in Polato Canyon 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 USED FOR Nothing

QUANTITY \_\_\_\_\_ Ranching

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Natural hydrologic flow

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR3F23





STATIC HEAD

WATER USED FOR  
INDUSTRIAL AREA  
USE FOR

DATE  
TIME

NO. OF  
GALLONS

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PERCENT OF  
TOTAL

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10908 Date 2/24/77 Time 0930

Name Sec 17 C.W. Location: Co. Lander State Nev.

SWSE

Sec. 17 Twp. 23N R. 4&E; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5680 Quad. Walt. Hot Springs (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 14°c DISCHARGE Diased pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH 48 -

ODOR 0 BORE 16"

FLUID COLOR 0 PUMP TYPE Electric

FLUID TASTE 0 STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING 0

BOILING 0 TYPE OF PIPING Iron pipe

VEGETATION 0 ARTESIAN HEAD NO

FLUID ISSUES FROM well pipe ROCK DATA:

TYPE (SURFACE) Gal

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. (C) GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Diased pump

PROPERTY OWNED BY Univ of Nevada, Reno

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR 3 F20





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10909 Date 7/27/77 Time 1430

Name Allen Ranch C-W Location: Co. Lincoln State Nev.

Sec. 8 Twp. 24N R. 48E; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5260 Quad. Walt. Hot Springs (15')

Sampler Blake

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

DESCRIPTION:

WATER TEMP. °C 14°c DISCHARGE Diesel pump gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE 16"

FLUID COLOR 0 PUMP TYPE Diesel

FLUID TASTE slightly bitter STATIC HEAD -

BUBBLING 0 SCALING -

BOILING 0 TYPE OF PIPING Iron tube

VEGETATION 0 ARTESIAN HEAD No

FLUID ISSUES FROM well pipe ROCK DATA:

TYPE (SURFACE) Qz

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION B

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 Diesel Pump

PROPERTY OWNED BY Univ of Nevada, Reno

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RBR3 F 24



Date: 11/10/82  
Location: [blacked out]  
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DATE	TIME	ACTIVITY	REMARKS
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	08:30	STARTED	
	09:00	WORKING	
	09:30	STOPPED	
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	00:00	STOPPED	



EXCEL BORDS FOUR



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10910 Date 7/29/77 Time 1530

Name Walt's H.S. (South) Location: Co. Curie State Nv.

NENE Sec. 5 Twp. 23N R. 48E; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 3380 Quad. Walt's H.S. (South)

Sampler B. Baker

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

DESCRIPTION:

WATER TEMP. °C 45°C DISCHARGE 2-3 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR slightly hiter 0 PUMP TYPE \_\_\_\_\_

FLUID TASTE slightly hiter STATIC HEAD \_\_\_\_\_

BUBBLING 0 SCALING \_\_\_\_\_

BOILING 0 TYPE OF PIPING \_\_\_\_\_

VEGETATION gr. grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM smoke hole on ROCK DATA: \_\_\_\_\_

reddy 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 Domestic Gardening

QUANTITY \_\_\_\_\_ IMMEDIATE AREA Ranching

COLOR \_\_\_\_\_ USED FOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Possible faulting

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

No picture



# Rock Sample



## AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10911 Date 7/26/77 Time 1630

Name Waltz H.R. Location: Co. Emery State Nev.

SESW

Sec. 33 Twp. 24 N R. 48 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5740 Quad. Waltz H.S. (15')

Sampler RBaker

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

### DESCRIPTION:

WATER TEMP. °C 73°C DISCHARGE 25-30 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. \_\_\_\_\_ DEPTH \_\_\_\_\_

ODOR 0 BORE \_\_\_\_\_

FLUID COLOR greenish tint PUMP TYPE \_\_\_\_\_

FLUID TASTE hard STATIC HEAD \_\_\_\_\_

BUBBLING NO SCALING \_\_\_\_\_

BOILING NO TYPE OF PIPING \_\_\_\_\_

VEGETATION brn algae, yellow algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM sinkhole or ROCK DATA:

valley floor TYPE (SURFACE) Qal

COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE 0 MEGASCOPIIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION 0

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE Carbonate/Sid WATER USED FOR Cattle

QUANTITY Moderate IMMEDIATE AREA USED FOR Ranching

COLOR white

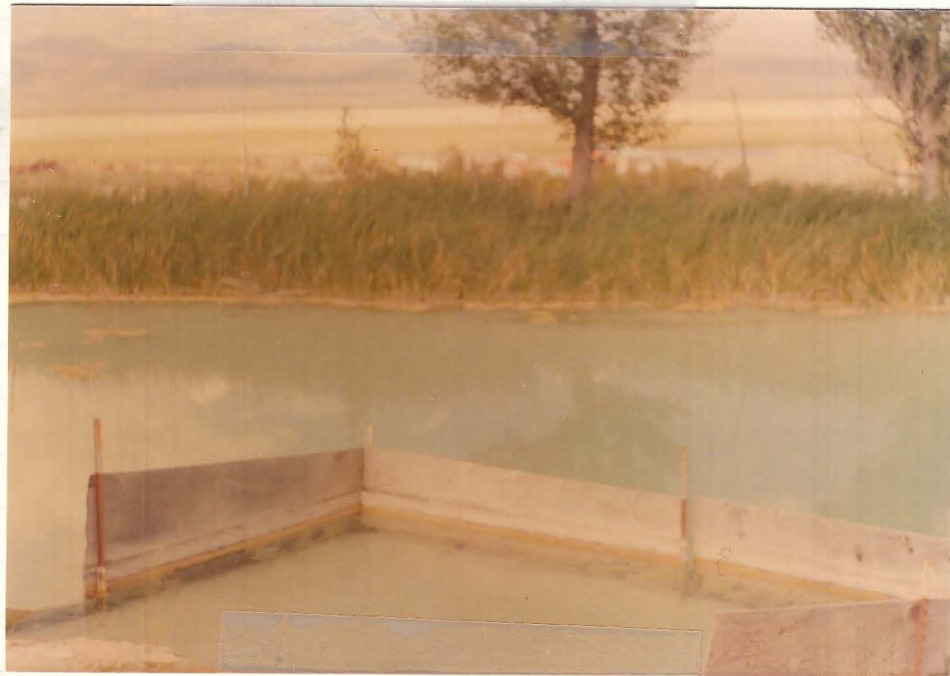
FORM Amorphous QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Range front faulting

PROPERTY OWNED BY Alim. of Nevada, Reno

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RR 3 F21, 22







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10912 Date 7/20 Time 1140

Name NE NE 20 warm well Location: Co. Nye State Nev

Sec. 20 Twp. 10 N R. 43 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5800 Quad. Pablo Canyon Ranch

Sampler A.T. Searles

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

DESCRIPTION:

WATER TEMP. °C 20°C

DISCHARGE 0.25 gpm/lpm

GROUND TEMP. °C \_\_\_\_\_

WELL DATA: (not working) slightly artesian

AIR TEMP. 35

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 megahon well

ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

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 \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION pumped

PROPERTY OWNED BY Born

PREVIOUS AND/OR CURRENT LEASES ?

JS RS F34





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10913 Date 7/20 Time 1720  
 Name SW NW 8 Cold Spring Location: Co. Nyo State Neu  
 Sec. 8 Twp. 11N R. 93E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5600 Quad. Carver  
 Sampler J.T.A

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

DESCRIPTION:

WATER TEMP. °C 18 DISCHARGE 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 Oil ROCK DATA:

TYPE (SURFACE) Oil  
 COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS ng → fig

TYPE \_\_\_\_\_  
 QUANTITY \_\_\_\_\_  
 COLOR \_\_\_\_\_  
 FORM \_\_\_\_\_ ALTERATION up

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_  
 TYPE \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR carde  
 QUANTITY \_\_\_\_\_  
 COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION g.w. seepage

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

N.P. (raining)



AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10914 Date 7/20 Time 1540

Name SE 19 Cold Spring Location: Co. Nye State Nev.

Sec. 19 Twp. 11N R. 43E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5650 Quad. Carvers

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 14 DISCHARGE 10 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 \_\_\_\_\_

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS fg

SALT:

TYPE \_\_\_\_\_ ALTERATION \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

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. seepage

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F2







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10915 Date 7/20 Time 1620

Name Darrroughs Ranch Hot Spring Location: Co. Nyo State New.

Sec. 8 Twp. 11N R. 43E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5560 Quad. Carver

Sampler \_\_\_\_\_ A.T. Sufale

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

DESCRIPTION:

WATER TEMP. °C 85 DISCHARGE 50-70 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 33 DEPTH \_\_\_\_\_

ODOR mineral S<sub>2</sub> BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE mineralized STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION no ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS fg → mg

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC, GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION fault

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F# 4







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10916 Date 7/20 Time 1420

Name NFSW 29 warm well Location: Co. Nyo State Neu

Sec. 29 Twp. 11N R. 43E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5640 Quad. Carsers

Sampler J. T. Supte

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

DESCRIPTION:

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

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 32 DEPTH \_\_\_\_\_

ODOR none BORE \_\_\_\_\_

FLUID COLOR \_\_\_\_\_ PUMP TYPE above ground, 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 drinking

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 ?

np





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10917 Date 7/11 Time 1500

Name WENE 30 Cold well Location: Co. Nye State Nev

Sec. 30 Twp. 11N R. 43E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5620 Quad. Carvers

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 18°C DISCHARGE 100-200 (gpm) Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 32 DEPTH \_\_\_\_\_

ODOR none BORE 6"

FLUID COLOR \_\_\_\_\_ PUMP TYPE above ground 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 fg - mg

TYPE \_\_\_\_\_ ALTERATION \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

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 Blm

PREVIOUS AND/OR CURRENT LEASES ?

np.

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10918 Date 7/20 Time 1330

Name SW SF 29 Cold Well Location: Co. Nye State Nev.

Sec. 29 Twp. 11N R. 43E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5641 Quad. Carvers, Nev.

Sampler A.T. LaFite

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. 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 megachloride well ROCK DATA:

TYPE (SURFACE) Qal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE \_\_\_\_\_ ALTERATION none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_

SINTER:

TYPE \_\_\_\_\_ RX TYPE (AT DEPTH) \_\_\_\_\_

QUANTITY \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR coals, irrigation

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: (D) 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. W110919 Date 7/19 Time 1730

Name Lower Reeder Warm Spring Location: Co. Lander State Nev.

Sec. 9 Twp. 18N R. 4SE ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6700 Quad. Spencer H.S.

Sampler D.T. Sufate

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

DESCRIPTION:

WATER TEMP. °C 25 DISCHARGE 0.25 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 31 DEPTH ~100~

ODOR none BORE \_\_\_\_\_

FLUID COLOR \_\_\_\_\_ PUMP TYPE \_\_\_\_\_

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING \_\_\_\_\_

VEGETATION algae + grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Quail ROCK DATA:

TYPE (SURFACE) Quail

COLOR brn

GRAIN SIZE mg - fg w/

MEGASCOPIC MINERALS diarite + gran-

diarite float

SALT:

TYPE ~none~

QUANTITY \_\_\_\_\_

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 g.w. seepage

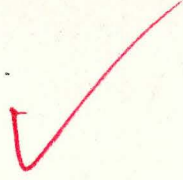
PROPERTY OWNED BY \_\_\_\_\_ ?

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_ ?

55 R5 F31







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10920 Date 7/19 Time 1400

Name .5m SE of Spencer H.S. Location: Co. Lander State Nev

Sec. \_\_\_\_\_ Twp. 18N R. 45E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5680 Quad. Spencer H.S.

Sampler J.T. Duffite

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

DESCRIPTION:

WATER TEMP. °C 39°C DISCHARGE 3-5 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: \_\_\_\_\_

AIR TEMP. 33 DEPTH \_\_\_\_\_

ODOR none BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE slightly mineral STATIC HEAD \_\_\_\_\_

BUBBLING minor SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION algae (brn) ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA: \_\_\_\_\_

TYPE (SURFACE) Qal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg to fig

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR IMMEDIATE AREA USED FOR \_\_\_\_\_

QUANTITY float

COLOR white

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

PROBABLE CAUSE OF MANIFESTATION fault trending SE

PROPERTY OWNED BY BLM?

PREVIOUS AND/OR CURRENT LEASES ?

JS R5 F29







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10921 Date 7/20 Time 1155

Name NE 21 Crea Art. Well. Location: Co. Nye State Neu.

Sec. 21 Twp. 10N R. 43E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5720 Quad. Pablo Canyon Ranch

Sampler A.T. Surfale

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

DESCRIPTION:

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

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: capped

AIR TEMP. 35 DEPTH \_\_\_\_\_

ODOR none BORE 12"

FLUID COLOR \_\_\_\_\_ PUMP TYPE none

FLUID TASTE \_\_\_\_\_ STATIC HEAD \_\_\_\_\_

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING steel

VEGETATION \_\_\_\_\_ ARTESIAN HEAD yes

FLUID ISSUES FROM minerals ROCK DATA:

well bore (no pipe) TYPE (SURFACE) gal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS ng.

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION low

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA USED FOR cooled

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION well bore

PROPERTY OWNED BY B.O.M

PREVIOUS AND/OR CURRENT LEASES ?

JS RS F35







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10922 Date 7/19 Time 1330

Name Spencer Hot Springs Location: Co. Lander State Nev.

Sec. \_\_\_\_\_ Twp. 17N R. 45E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5670' Quad. Spencer H.S

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 60°C DISCHARGE 5-10 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 32°C DEPTH - none -

ODOR minor sulfur BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE mineralized STATIC HEAD \_\_\_\_\_

BUBBLING yes SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION none ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal + Trav.

COLOR white → brn

GRAIN SIZE MEGASCOPIC MINERALS fg → mg.

↑ Trav. appears to be an old deposit (sampled)

SALT:

TYPE - none -

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO<sub>3</sub> WATER USED FOR IMMEDIATE AREA USED FOR \_\_\_\_\_

QUANTITY minor

COLOR white

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

PROBABLE CAUSE OF MANIFESTATION Fault

PROPERTY OWNED BY Bem?

PREVIOUS AND/OR CURRENT LEASES ?

JS RS F27, 28

✓

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10923 Date 7/20 Time 1000  
 Name Coyote Hole Cold Springs Location: Co. Nye State Nev  
 Sec. 11 Twp. 8N R. 42E ; km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5694 Quad. Seyler Peak  
 Sampler A.T. Seifela

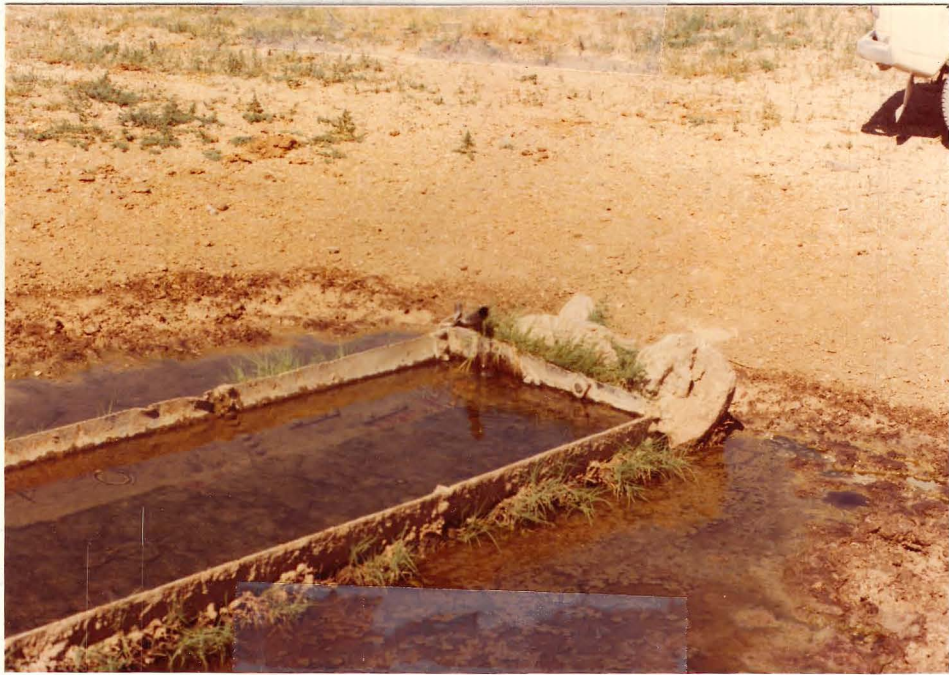
Sample Type: Spring (with pipe), well (with pipe), creek, river, soil, salt, sinter, travertine, gas, rock, snow

DESCRIPTION:

WATER TEMP. °C	<u>17°C</u>	DISCHARGE	<u>0.75-1</u> (gpm/Lpm)
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	<u>29</u>	DEPTH	<u>none</u>
ODOR	<u>none</u>	BORE	
FLUID COLOR		PUMP TYPE	
FLUID TASTE		STATIC HEAD	
BUBBLING		SCALING	
BOILING		TYPE OF PIPING	
VEGETATION	<u>algae</u>	ARTESIAN HEAD	_____
FLUID ISSUES FROM	<u>Qal</u>	ROCK DATA:	
_____	_____	TYPE (SURFACE)	<u>Qal</u>
_____	_____	COLOR	<u>brn</u>
SALT:		GRAIN SIZE MEGASCOPIC MINERALS	<u>mg</u>
TYPE	<u>none</u>		
QUANTITY			
COLOR			
FORM	_____	ALTERATION	<u>none</u>
SINTER:		RX TYPE (AT DEPTH)	_____
TYPE	<u>none</u>	WATER USED FOR IMMEDIATE AREA USED FOR	<u>cattle</u>
QUANTITY			
COLOR			
FORM	_____	QUALITY OF SAMPLE	<u>EXC.</u> GOOD, POOR

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

J S R 5 F 3 2





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10924 Date 7/19 Time 1500  
 Name 5658 Hot Artesian well Location: Co. Lander State Nev  
 Sec. \_\_\_\_\_ Twp. 17N R. 45E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5658 Quad. Spencer 4S.  
 Sampler \_\_\_\_\_

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

DESCRIPTION:

WATER TEMP. °C	<u>50</u>	DISCHARGE	<u>2-3</u> <u>gpm/Lpm</u>
GROUND TEMP. °C	_____	WELL DATA:	
AIR TEMP.	<u>32</u>	DEPTH	<u>-</u>
ODOR	<u>none</u>	BORE	<u>-</u>
FLUID COLOR	<u>clear</u>	PUMP TYPE	<u>-</u>
FLUID TASTE	<u>slightly mineral</u>	STATIC HEAD	<u>-</u>
BUBBLING	<u>no</u>	SCALING	<u>minor CaCO<sub>3</sub></u>
BOILING	<u>no</u>	TYPE OF PIPING	<u>gal. steel</u>
VEGETATION	<u>none</u>	ARTESIAN HEAD	<u>yes</u>
FLUID ISSUES FROM	<u>pipe</u>	ROCK DATA:	

		TYPE (SURFACE)	<u>gal</u>
		COLOR	<u>brn</u>

SALT:		GRAIN SIZE MEGASCOPIIC MINERALS	<u>mg - f.g</u>
TYPE	<u>-</u>		

QUANTITY	_____		
COLOR	_____		
FORM	_____	ALTERATION	_____

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

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

JS RS F30







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10925 Date 7/20 Time 1110

Name SWSW 28 Cold Well Location: Co. Nyo State Neu.

Sec. 28 Twp. 10N R. 43E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5779 Quad. Pablo Canyon Ranch

Sampler J.T. Seagle

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

DESCRIPTION:

WATER TEMP. °C 15°C DISCHARGE 200-1000 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 30°C DEPTH \_\_\_\_\_

ODOR none BORE 12"

FLUID COLOR \_\_\_\_\_ PUMP TYPE above g/d electric

FLUID TASTE \_\_\_\_\_ STATIC HEAD 1

BUBBLING \_\_\_\_\_ SCALING \_\_\_\_\_

BOILING \_\_\_\_\_ TYPE OF PIPING steel

VEGETATION \_\_\_\_\_ ARTESIAN HEAD 1

FLUID ISSUES FROM navigation well ROCK DATA:

TYPE (SURFACE) gal

COLOR brn

GRAIN SIZE MEGASCOPIC MINERALS mg

SALT:

TYPE \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

TYPE \_\_\_\_\_ RX TYPE (AT DEPTH) \_\_\_\_\_

QUANTITY \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR water

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION none

PROPERTY OWNED BY Private

PREVIOUS AND/OR CURRENT LEASES ?





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10926 Date 7/20 Time 1800

Name SE13 Cold Spring Location: Co. Nye State Nev

Sec. 13 Twp. 15N R. 43E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6000 Quad. Millett Ranch

Sampler \_\_\_\_\_ JT Sample

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

DESCRIPTION:

WATER TEMP. °C 14 DISCHARGE 40 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 grasses ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Gal ROCK DATA:

TYPE (SURFACE) Gal

COLOR brn

GRAIN SIZE fg

MEGASCOPIC MINERALS \_\_\_\_\_

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 gas seeping

PROPERTY OWNED BY B. M. ?

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 F9







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10927 Date 7/20 Time 1700

Name NESE18 Hot Spring Location: Co. Nye State Nev.

Sec. 18 Twp. 11N R. 43E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5600 Quad. Carver

Sampler J. T. Duffile

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

DESCRIPTION:

WATER TEMP. °C 75°C DISCHARGE 30-50 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA:

AIR TEMP. 31°C DEPTH None

ODOR minor H<sub>2</sub>S BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE mineral STATIC HEAD \_\_\_\_\_

BUBBLING no SCALING \_\_\_\_\_

BOILING no TYPE OF PIPING \_\_\_\_\_

VEGETATION grass ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Qal ROCK DATA:

TYPE (SURFACE) Qal

COLOR tan

GRAIN SIZE MEGASCOPIC MINERALS ng → f.g

SALT: TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION minor

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none WATER USED FOR IMMEDIATE AREA USED FOR caulc

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Sault

PROPERTY OWNED BY Darrough

PREVIOUS AND/OR CURRENT LEASES ?

JS R6 FB



PLANT SPECIES  
LOCALITY  
DATE  
COLLECTOR  
ELEVATION  
HABITAT  
REMARKS  
SPECIES NO.  
LOCALITY  
DATE  
COLLECTOR  
ELEVATION  
HABITAT  
REMARKS  
SPECIES NO.

11 11

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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10928 Date 7/20 Time 1300

Name Ink House Cold Spr. Location: Co. Nye State Nev

Sec. \_\_\_\_\_ Twp. 10N R. 44E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 7000 Quad. Round Mountain

Sampler A.T. Seifala

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

DESCRIPTION:

WATER TEMP. °C 16°C DISCHARGE 3-4 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 bn

GRAIN SIZE mg.

MEGASCOPIC MINERALS dry. pebbles

SALT:

TYPE none

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION none

SINTER:

RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE none

QUANTITY \_\_\_\_\_ WATER USED FOR IMMEDIATE AREA USED FOR \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Geo-seepage

PROPERTY OWNED BY BDM

PREVIOUS AND/OR CURRENT LEASES ?

JSR5736







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10929 Date 7/20 Time 1630

Name Darrrough Ranch Art. Hot well Location: Co. Nye State Nev.

Sec. 7 Twp. 11N R. 43E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 5603 Quad. Caver

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 96°C DISCHARGE 1400 gpm/Lpm

GROUND TEMP. °C \_\_\_\_\_ WELL DATA: when open all the way

AIR TEMP. 32°C DEPTH 800 ft

ODOR H<sub>2</sub>S BORE 12"

FLUID COLOR clear PUMP TYPE —

FLUID TASTE mineral STATIC HEAD —

BUBBLING no SCALING min

BOILING yes TYPE OF PIPING steel

VEGETATION none ARTESIAN HEAD yes

FLUID ISSUES FROM pipe ROCK DATA:

TYPE (SURFACE) gal

COLOR brn

SALT: GRAIN SIZE MEGASCOPIC MINERALS mg → fg

TYPE — none —

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION minor

SINTER: RX TYPE (AT DEPTH) ?

TYPE minor CaCO<sub>3</sub> WATER USED FOR IMMEDIATE AREA USED FOR irrigation

QUANTITY min

COLOR white

FORM amorphous QUALITY OF SAMPLE: EXC. GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION artesian well at fault

PROPERTY OWNED BY Darrrough

PREVIOUS AND/OR CURRENT LEASES Magma

JS R6 5,6,7





Rock Sample ✓

AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10930 Date 7/19 Time 1545

Name Diana's Punch Bowl Location: Co. Nye State Nev

SE, SW Sec. 22 Twp. 14N R. 47E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6720 Quad. Diana's Punch Bowl

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 51° DISCHARGE 25-30 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 Mild CO2 SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Brown & Green algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM Sinkhole in ROCK DATA:

excavated Ditch south of TYPE (SURFACE) Gal

Dome COLOR \_\_\_\_\_

SALT: GRAIN SIZE \_\_\_\_\_

TYPE None MEGASCOPIC MINERALS \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ ALTERATION \_\_\_\_\_

SINTER: RX TYPE (AT DEPTH) \_\_\_\_\_

TYPE CaCO3 WATER USED FOR IMMEDIATE AREA Cattle

QUANTITY Excessive USED FOR Grazing

COLOR white

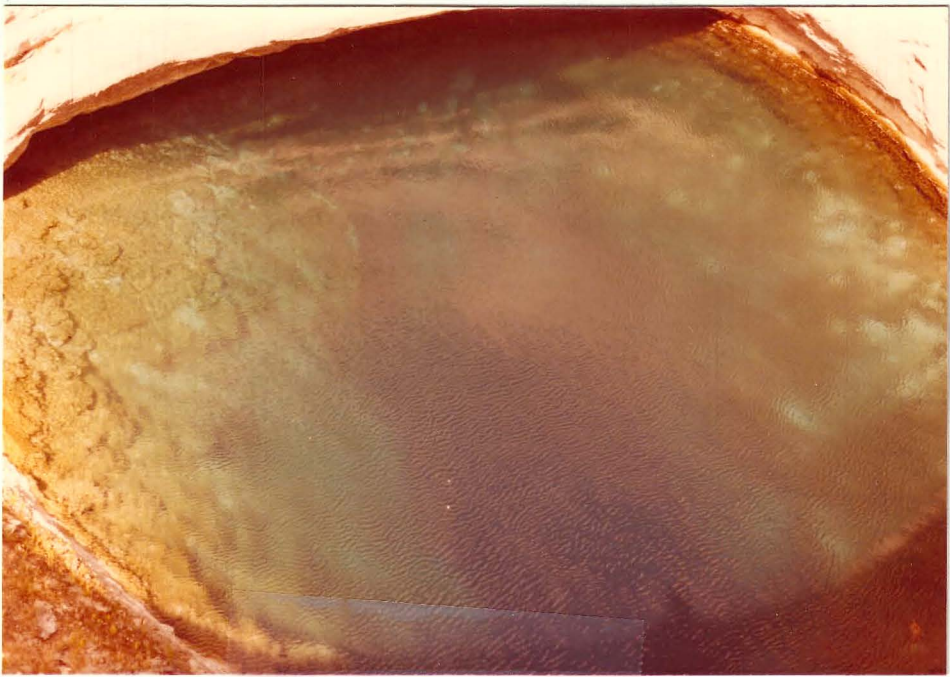
FORM Amorphous QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION SW-NE Fault System

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R4-F19420







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10931 Date 7/19 Time 1445

Name NW, NE 35 Cold Well Location: Co. Under State Nev

Sec. 35 Twp. 16N R. 47E ; km/mi - of -

Lat. - Long. - Elevation 6510 Quad. Diana's Punch Bowl

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 5-10 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 29° 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 with ROCK DATA:

pipe east of old TYPE (SURFACE) oal

airstrip 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 Windmill Pump

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R4-F18







AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10932 Date 7/19 Time 1600

Name NW NE 22 Hot Spr Location: Co. Nye State Nev

Sec. 22 Twp. 14N R. 47E ; \_\_\_\_\_ km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6700 Quad. Dianas Punch Bowl

Sampler Burke Williams

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

DESCRIPTION:

WATER TEMP. °C 43° DISCHARGE 5 gpm/Lpm

GROUND TEMP. °C - WELL DATA:

AIR TEMP. 31° DEPTH \_\_\_\_\_

ODOR None BORE \_\_\_\_\_

FLUID COLOR clear PUMP TYPE \_\_\_\_\_

FLUID TASTE None STATIC HEAD \_\_\_\_\_

BUBBLING Minor SCALING \_\_\_\_\_

BOILING No TYPE OF PIPING \_\_\_\_\_

VEGETATION Green & Brown algae ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM seep in center ROCK DATA:

of Valley floor TYPE (SURFACE) 0.1

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 grazing

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION NE-SW Fault system

PROPERTY OWNED BY BLM

PREVIOUS AND/OR CURRENT LEASES ?

BW-R4-F21





AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10933 Date 2/19/77 Time 1430

Name Stroberger Creek C.W. Location: Co. Kane State Nw

Sec. \_\_\_\_\_ Twp. 17 N R. 47 E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6400 Quad. Hickison Summit (15')

Sampler D. Matheson / R. Bate

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

DESCRIPTION:

WATER TEMP. °C 12°C DISCHARGE Windmill 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 pipe ROCK DATA: Ql

TYPE (SURFACE) \_\_\_\_\_

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 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 \_\_\_\_\_

RBR3F19



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AMAX GEOTHERMAL GEOCHEMICAL SAMPLE FORM

Spring No. \_\_\_\_\_ Sample No. W10934 Date 7/17/77 Time 1400

Name Grimes Hill cw Location: Co. Gardner State Nev.

Sec. — Twp. 18N R. 47E ; km/mi \_\_\_\_\_ of \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Elevation 6320 Quad. Hickison Summit (15')

Sampler D. Harrison / R. Beha

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

DESCRIPTION:

WATER TEMP. °C 15°c DISCHARGE Windmill 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 press ARTESIAN HEAD \_\_\_\_\_

FLUID ISSUES FROM well pipe 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 USED FOR \_\_\_\_\_

QUANTITY \_\_\_\_\_

COLOR \_\_\_\_\_

FORM \_\_\_\_\_ QUALITY OF SAMPLE: EXC., GOOD, POOR

PROBABLE CAUSE OF MANIFESTATION Windmill

PROPERTY OWNED BY \_\_\_\_\_

PREVIOUS AND/OR CURRENT LEASES \_\_\_\_\_

RRR3 F16

