

DAILY DRILLING REPORT

Project - Hole: 51-29 (A1um) Date: 3/21/83
 Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83
 County, State: Esmeralda, Nevada Day #: _____
 Prog. Depth: 2,000' Contractor: Wright Drilling
 Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 1906TD to 1906TD Mud/Air/ _____
 Footage Cut 0 Temp: In _____ Out _____
 Hole Size _____ Wt _____
 Dev. Survey @ Vis _____
 Casing _____ Ph _____
 Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Birdwell Geophysics ran gamma, caliber, SP and induction logs.

Crew ran 1903 feet of 2" tubing in hole, removed BOPE and moved off location.

Released rig at midnight.

*Revised well history

* Well History

Interval	Hole Size	Casing	Expenditures
0-201	10 1/4"	7"	Total to date <u>55,990</u>
201-1726	6 1/8		Projected _____
1726-1846	5 7/8		Cost/Ft <u>29.32</u>
1846-1906	5 5/8		Budgeted _____
_____	_____	_____	
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 51-29 (Alum) Date: 3/20/83

Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83

County, State: Esmeralda, Nevada Day #: _____

Prog. Depth: 2,000' Contractor: Wright Drilling

Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 1846 to 1906-TD Mud/Air/ _____

Footage Cut 60' Temp: In NR Out NR

Hole Size 5 7/8" Wt NR

Dev. Survey @ Vis NR

Casing _____ Ph NR

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Core hole from 1850-1853.5 ft. Penetration 5-6 ft/hour.

TD hole at 1906'.

Well History

Interval	Hole Size	Casing
<u>0-201</u>	<u>10 1/4"</u>	<u>7"</u>
<u>201-1525</u>	<u>6 1/4"</u>	<u>--</u>
<u>1525-1846</u>	<u>6 1/8"</u>	<u>--</u>
<u>1846-1906</u>	<u>5 7/8"</u>	<u>--</u>
_____	_____	_____
_____	_____	_____

Expenditures

Total to date	<u>43,130</u>
Projected	<u>60,000</u>
Cost/Ft	<u>22.63</u>
Budgeted	_____

DAILY DRILLING REPORT

Project - Hole: 51-29 (Alum) Date: 3/19/83

Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83

County, State: Esmeralda, Nevada Day #: _____

Prog. Depth: 2,000' Contractor: Wright Drilling

Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 1626 to 1846 Mud/Air/ _____

Footage Cut 220' Temp: In NR Out 118° F

Hole Size 6 1/8" 5 7/8" Wt 9.2

Dev. Survey @ Vis 62

Casing _____ Ph NR

Bits, stabs, etc. & ser. # 6 1/8 CB2732 5 7/8 240047

Lithology Argillite

Additional Report _____

Well History

Interval	Hole Size	Casing
0-201	10 1/4"	7"
201-1525	6 1/4"	--
1525-1846	6 1/8"	--
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

Total to date	<u>39,745</u>
Projected	_____
Cost/Ft	<u>21.53</u>
Budgeted	_____

DAILY DRILLING REPORT

Project - Hole: 51-29 (A1um) Date: 3/18/83
 Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83
 County, State: Esmeralda, Nevada Day #: _____
 Prog. Depth: 2,000' Contractor: Wright Drilling
 Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 1525 to 1626 Mud/Air/ _____
 Footage Cut 101' Temp: In NR Out 108° F
 Hole Size 6 1/8" Wt 8.4
 Dev. Survey @ Vis 42
 Casing _____ Ph 8.5

Bits, stabs, etc. & ser. # 6 1/8" button # BN2551.

Lithology Argillite/Argillite Breccia

Additional Report Formation becoming harder, penetration down to 5-6 ft/hour.

Well History

Interval	Hole Size	Casing
<u>0-201</u>	<u>10 1/4"</u>	<u>7"</u>
<u>201-1525</u>	<u>6 1/4"</u>	<u>---</u>
<u>1525-1626</u>	<u>6 1/8"</u>	<u>---</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

Total to date 33,368
 Projected _____
 Cost/Ft 20.52
 Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 51-29 (Alum) Date: 3/17/83

Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83

County, State: Esmeralda, Nevada Day #: _____

Prog. Depth: 2,000' Contractor: Wright Drilling

Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 1519 to 1525 Mud/Air/ _____

Footage Cut 6' Temp: In _____ Out _____

Hole Size 6 1/4" Wt _____

Dev. Survey @ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Replacement driveshaft for rotary table too short, broke again at 8:30 AM. New replacement flown in from Denver, naturally Portadrill sent wrong driveshaft. Waiting on another driveshaft.

Well History

Interval	Hole Size	Casing
<u>0-201</u>	<u>10 1/4"</u>	<u>7"</u>
<u>201-1525</u>	<u>6 1/4"</u>	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

Total to date 30,312
 Projected _____
 Cost/Ft _____
 Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 51-29 (ATum) Date: 3/16/83

Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83

County, State: Esmeralda, Nevada Day #: _____

Prog. Depth: 2,000' Contractor: Wright Drilling

Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 1386 to 1519 Mud/Air/ _____

Footage Cut 133' Temp: In NR Out NR

Hole Size 6 1/4" Wt NR

Dev. Survey @ Vis NR

Casing _____ Ph NR

Bits, stabs, etc. & ser. # 6 1/4" button.

Lithology Esmeralda Fm.

Additional Report Completed replacing rotary table driveshaft, resumed drilling at 10 PM. Penetration 10-40 ft/hour.

Well History

Interval	Hole Size	Casing	Expenditures
0-201	10 1/4"	7"	Total to date _____
201-1519	6 1/4"	_____	Projected _____
_____	_____	_____	Cost/Ft _____
_____	_____	_____	Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 51-29 (Alum) Date: 3/15/83

Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83

County, State: Esmeralda, Nevada Day #: _____

Prog. Depth: 2,000' Contractor: Wright Drilling

Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 1386 to 1386 Mud/Air/ _____

Footage Cut 0' Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Broken down.

<u>Well History</u>			<u>Expenditures</u>
<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Total to date</u>
<u>0-201</u>	<u>10 1/4"</u>	<u>7"</u>	<u>28,198</u>
_____	_____	_____	<u>Projected</u> _____
_____	_____	_____	<u>Cost/Ft</u> _____
_____	_____	_____	<u>Budgeted</u> _____
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 51-29 (Alum) Date: 3/14/83

Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83

County, State: Esmeralda, Nevada Day #: _____

Prog. Depth: 2,000' Contractor: Wright Drilling

Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 1084 to 1386 Mud/Air/ _____

Footage Cut 302' Temp: In NR Out NR

Hole Size 6 1/4" Wt 8.4

Dev. Survey @ Vis 42

Casing _____ Ph 8.6

Bits, stabs, etc. & ser. # Button #78355 in at 1386'

Lithology Esmeralda Fm, possibly into top of Paleozoics

Additional Report Broke drive shaft to rotary table about midnight, replacement shaft in Reno. Formation becoming harder.

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Expenditures</u>
<u>0-201</u>	<u>10 1/4"</u>	<u>7"</u>	Total to date _____
<u>201-1386</u>	<u>6 1/4"</u>	<u>---</u>	Projected _____
_____	_____	_____	Cost/Ft _____
_____	_____	_____	Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 51-29 (Alum) Date: 3/13/83

Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83

County, State: Esmeralda, Nevada Day #: _____

Prog. Depth: 2,000' Contractor: Wright Drilling

Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 446 to 1084 Mud Air/ Foam _____

Footage Cut 638' Temp: In _____ Out _____

Hole Size 6 1/4 Wt _____

Dev. Survey @ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology Esmeralda Fm.

Additional Report Repaired rig.

Collected water sample at 666 feet (32° C, ph 6.8-7.0, 60 gpm)

Changed over to mud at 840 feet.

Well History

Interval	Hole Size	Casing
<u>0-201</u>	<u>10 1/4"</u>	<u>7"</u>
<u>201-1084</u>	<u>6 1/4"</u>	<u>---</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

Total to date _____
 Projected _____
 Cost/Ft _____
 Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 51-29 (Alum) Date: 3/12/83

Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83

County, State: Esmeralda, Nevada Day #: _____

Prog. Depth: 2,000' Contractor: Wright Drilling

Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 246 to 446 Mud/Air/ Foam

Footage Cut 200' Temp: In _____ Out _____

Hole Size 6 1/4" Wt _____

Dev. Survey @ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology Esmeralda Fm. (siltstones)

Additional Report Shut down for repairs at 4 PM, No power on hydraulic system

<u>Well History</u>			<u>Expenditures</u>
<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Total to date</u> _____
<u>0-201</u>	<u>10 1/4"</u>	<u>7"</u>	<u>Projected</u> _____
<u>201-446</u>	<u>6 1/4"</u>	<u>---</u>	<u>Cost/Ft</u> _____
_____	_____	_____	<u>Budgeted</u> _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 51-29 (Alum) Date: 3/11/83

Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83

County, State: Esmeralda, Nevada Day #: _____

Prog. Depth: 2,000' Contractor: Wright Drilling

Geologist: Huntsman/Deymonaz Rig.: TKT

Drilled 201 to 246 Mud (Air) Foam _____

Footage Cut 45' Temp: In _____ Out _____

Hole Size 6 1/4 Wt _____

Dev. Survey @ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology Esmeralda Fm. (siltstones)

Additional Report Install BOPE, small leak on flange, removed wellhead,
rewelded inside flange, replaced BOPE. Tested blind & pipe rams to 200 psi
for 20 minutes each. Commence drilling at 11 PM

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Expenditures</u>
<u>0-201</u>	<u>10 1/4"</u>	<u>7"</u>	Total to date _____
<u>201-246</u>	<u>6 1/4"</u>	_____	Projected _____
_____	_____	_____	Cost/Ft _____
_____	_____	_____	Budgeted _____
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 51-29 (Alum) Date: 3/10/83

Location: NW of NE Sec. 29 T 1N R 38 1/2E Spud Date: 3/10/83

County, State: Esmeralda, Nevada Day #: _____

Prog. Depth: 2,000' Contractor: Wright Drilling

Geologist: Huntsman/Deymonaz Rig.: _____

Drilled 0' to 201' Mud/Air/ foam

Footage Cut 201' Temp: In _____ Out _____

Hole Size 10 1/4" Wt _____

Dev. Survey @ Vis _____

Casing 201' of 7" J55 20#/ft. Ph _____

Bits, stabs, etc. & ser. # _____

Lithology Esmeralda fm. (siltstones)

Additional Report Set up on site around 11:00 a.m. Drilled 10 1/4" hole to 201', ran 7" casing and cemented with 2 1/2 yards of 7 sack sandmix.

<u>Well History</u>			<u>Expenditures</u>
<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Total to date</u> _____
<u>0-201</u>	<u>10 1/4"</u>	<u>7"</u>	<u>Projected</u> _____
_____	_____	_____	<u>Cost/Ft</u> _____
_____	_____	_____	<u>Budgeted</u> _____
_____	_____	_____	
_____	_____	_____	