

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 22, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, Nevada Day #: 36
 Prog. Depth: 2000' Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

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

Lithology _____
 Additional Report _____

Finished setting 2-3/8" tubing to 2038'
Begin pulling 7" casing; pull 50'; end shift.
91 joints of 2-3/8" tubing used - average length = 22.3'

Well History

Interval	Hole Size	Casing	<u>Expenditures</u>
<u>0-21</u>	<u>17$\frac{1}{2}$</u>	<u>14'</u>	Total to date _____
<u>21-300 approx</u>	<u>12$\frac{1}{2}$</u>	<u>9-5/8"</u>	Projected _____
<u>300-1330</u>	<u>8-3/4"</u>	<u>7"-hung & retrieved</u>	Cost/Ft _____
<u>1330-2038</u>	<u>6$\frac{1}{2}$</u>	<u>no</u>	Budgeted _____
_____	_____	_____	
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 23, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, Nevada Day #: 37

Prog. Depth: 2000' Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report _____

Continued pulling 7" casing and packing up equipment.

Begin relocating equipment to hole no. 28-18

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 24, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, Nevada Day #: 38
 Prog. Depth: 2000' Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____
 Footage Cut _____ Temp: In _____ Out _____
 Hole Size _____ Wt _____
 Dev. Survey _____ @ _____ Vis _____
 Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report _____

Finish pulling 7" casing.

Fill 2-3/8" tubing with water. Capped tubing.

Relocate most of equipment at 28-18.

End shift.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 25, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, Nevada Day #: 39

Prog. Depth: 2000' Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report _____

Memorial Day - crew took day off

<u>Well History</u>			<u>Expenditures</u>
<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Total to date</u> _____
_____	_____	_____	<u>Projected</u> _____
_____	_____	_____	<u>Cost/Ft</u> _____
_____	_____	_____	<u>Budgeted</u> _____

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 21, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, Nevada Day #: 35
 Prog. Depth: 2,000' Contractor: Anderson
 Geologist: Mark Avery Rig: _____

Drilled 1820' to 2035' Mud/Air/_____
 Footage Cut 215' Temp: In 90^oF Out 100^oF
 Hole Size 6 $\frac{1}{4}$ " Wt 9.3
 Dev. Survey @ Vis 32
 Casing 7" 0-1300' Ph 8

Bits, stabs, etc. & ser. # _____

Lithology Silicified siltstone, quartzite and chert. Formation: Havallah

Additional Report _____

Ran log with microgeophysics at 0100 hours

Dismantled BOP; prepared to run 2-3/8" tubing

Well History

Interval	Hole Size	Casing	Expenditures
_____	_____	_____	Total to date _____
_____	_____	_____	Projected _____
_____	_____	_____	Cost/Ft _____
_____	_____	_____	Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 20, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, Nevada Day #: 34
 Prog. Depth: 2,000' Contractor: Anderson
 Geologist: John Deymonaz Rig.: _____

Drilled 1800' to 1820' Mud/Air/ _____
 Footage Cut 20' Temp: In 98⁰F Out 100⁰F
 Hole Size 6 $\frac{1}{4}$ " Wt 9.4
 Dev. Survey @ Vis 33
 Casing 9-5/8" 0-300'; 7" 0-1330' Ph _____
 Bits, stabs, etc. & ser. # _____

Lithology Silicified siltstone and cherts

Additional Report Drilled 1800' - 1820'. USGS arrived on location at 11:30.

Shut down drilling, removed BOP, cut off 7" casing flush with 9-5/8"
casing, welded on donut to seal annulus, reinstalled BOP, tested and
resumed drilling.

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Expenditures</u>
_____	_____	_____	Total to date _____
_____	_____	_____	Projected _____
_____	_____	_____	Cost/Ft _____
_____	_____	_____	Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 19, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, NV Day #: 33
 Prog. Depth: 2,000' Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

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

Lithology _____

Additional Report Continued pulling for bit change. Changed bit.
1800 hours - running rods with new bit down hole.

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Expenditures</u>
_____	_____	_____	Total to date _____
_____	_____	_____	Projected _____
_____	_____	_____	Cost/Ft _____
_____	_____	_____	Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 18, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, NV Day #: 32
 Prog. Depth: 2,000' Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

Drilled 1400' to 1568' Mud/Air/ Mud
 Footage Cut 168' Temp: In _____ Out _____
 Hole Size 6 $\frac{1}{4}$ " Wt 9.2
 Dev. Survey @ Vis 32
 Casing 7" to 1300' Ph 8

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Pulling out for bit change at 1568'.

Well History

Interval	Hole Size	Casing	Expenditures	
			Total to date	Projected
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 17, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, NV Day #: 31

Prog. Depth: 2,000' Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Crew spent day digging out mud pit. Switched over to mud.

No drilling.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 16, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, NV Day #: 30
 Prog. Depth: 2,000' Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

Drilled 1330' to 1400' Mud/Air/ _____
 Footage Cut 70' Temp: In _____ Out _____
 Hole Size _____ Wt _____
 Dev. Survey _____ @ _____ Vis _____
 Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Finished setting 7" pipe. Drilled 40'. Had 300 gpm water.

Flooded out bit. Pulled rods and switched to Tricone bit.

Drilled 30'. Hit more water. Flooded out bit again.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 14, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, NV Day #: 28

Prog. Depth: 2,000' Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Continued running 7" casing to 700'. End shift.

Awaiting delivery of more 7" casing.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 12, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, Nevada Day #: 26

Prog. Depth: 2,000' Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled 1060' to 1300' Mud/Air/ _____

Footage Cut 240' Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey @ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report 100 gpm.

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 11, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N 40E Spud Date: April 16, 1981
 County, State: Churchill County, NV Day #: 25
 Prog. Depth: _____ Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

Drilled 820' to 1060' Mud/Air/ Air
 Footage Cut 240' Temp: In _____ Out _____
 Hole Size _____ Wt _____
 Dev. Survey _____ @ _____ Vis _____
 Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report 300 gpm approximately in this interval.

Water still about 108⁰F coming out of splitter hose.

Well History

Interval	Hole Size	Casing	Expenditures	
			Total to date	Projected
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 10, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, NV Day #: 24

Prog. Depth: _____ Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled 550' to 820' Mud/Air/ Air

Footage Cut 270' Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey @ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Bit change at 1200 hours.

1500 hours - Began drilling. 150-200 gpm of water between

550' and 820'. Water coming out of splitter hose at 106^oF.

Bit at 600'.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 9, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, NV Day #: 23

Prog. Depth: _____ Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled 270' to 550' Mud/Air/ _____

Footage Cut 280' Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report 1000 hours - Dick Whiting of USGS arrives for BOP test.

1100 hours - BOP test okay - but must install steel blowdown

line.

1800 hours - Began drilling.

0800 hours - End shift.

Well History

Interval	Hole Size	Casing	Expenditures	
			Total to date	Projected
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 8, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, NV Day #: 22

Prog. Depth: _____ Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Crew spend entire day installing BOP units. Testing units.

Small leak found and fixed.

Well History

Interval	Hole Size	Casing	Expenditures	
			Total to date	Projected
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 7, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, NV Day #: 21

Prog. Depth: _____ Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Set 9-5/8" casing to 300'. Cement casing. End shift.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 6, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, Nevada Day #: 20

Prog. Depth: _____ Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled 270' to 300' Mud/Air/ _____

Footage Cut 30' Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Freed tools and drilled to 300'. Began to set 9-5/8"
casing to 100'.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 5, 1981
 Location: NE 1/4 of SW 1/4 Sec. 9 T 22N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, NV Day #: _____
 Prog. Depth: 2,000 Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____
 Footage Cut _____ Temp: In _____ Out _____
 Hole Size _____ Wt _____
 Dev. Survey _____ @ _____ Vis _____
 Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report 0900 begun cleaning out hole around stuck drill bit

- stuck again at 240'
1400 hours began cleaning around drill bit
1600 hours End shift at 240'

Well History

Interval	Hole Size	Casing	Expenditures	
			Total to date	Budgeted
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: May 4, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{2}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, Nevada Day #: 18
 Prog. Depth: 2,000' Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

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

Lithology _____

Additional Report Moved equipment from 25-9 to 38-9. Driller went to Fallon
to pick up parts. End shift.

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Expenditures</u>
_____	_____	_____	Total to date _____
_____	_____	_____	Projected _____
_____	_____	_____	Cost/Ft _____
_____	_____	_____	Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 864 25-9 Date: May 3, 1981

Location: NW $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 22N R 40E Spud Date: 3/26/81

County, State: Churchill County, NV Day #: 39

Prog. Depth: 2,000' Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Final clean up of drill site. Last report for 25-9.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 25-9 Date: May 2, 1981
 Location: NW $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 22N R 40E Spud Date: 3/26/81
 County, State: Churchill County, NV Day #: 38
 Prog. Depth: _____ Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

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

Lithology _____

Additional Report Crew spends day digging out BOP test, unbolting and removing BOP and moving equipment to new drill site 38-9.

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Expenditures</u>
_____	_____	_____	Total to date _____
_____	_____	_____	Projected _____
_____	_____	_____	Cost/Ft _____
_____	_____	_____	Budgeted _____

DAILY DRILLING REPORT

Project - Hole: 864 25-9 Date: May 1, 1981

Location: NW $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 22N R 40E Spud Date: 3/26/81

County, State: Churchill County, NV Day #: 37

Prog. Depth: _____ Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report 0900 hour: Begin running 2-3/8" tubing down hole.

1600 hours: 2-3/8" tubing to 1500'.

2000 hours: Art Anderson arrives at site. Runs final

500' of tubing to 2000'.

Hole complete.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 25-9 Date: April 30, 1981

Location: NW $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 22N R 40E Spud Date: 3/26/81

County, State: Churchill County, NV Day #: 36

Prog. Depth: _____ Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report 1000 hours: Continued cleaning hole with 6" bit to 2,000'.

1600 hours: Begin pulling drill pipe.

0400 hours: Finishing pulling rods. End shift.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 25-9 Date: April 29, 1981
 Location: NW¼ of SW¼ Sec. 9 T 22N R 40E Spud Date: March 26, 1981
 County, State: Churchill County, NV Day #: 35
 Prog. Depth: 2,000' Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

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

Lithology _____

Additional Report Cleaned hole from 1600' to 1650'. Plugged bit at 1650'. Pulled
out of hole. Cleaned bit. Run drill pipe back down to 1650'
by 1600 hours. End shift.
(No night crew; no night shift)
Avery called USGS.

Well History

Interval	Hole Size	Casing	Expenditures	
			Total to date	Projected
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

DAILY DRILLING REPORT

Project - Hole: 864 25-9 Date: April 28, 1981
 Location: NW $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 22N R 40E Spud Date: March 26, 1981
 County, State: Churchill County, NV Day #: 34
 Prog. Depth: 2,000' Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____
 Footage Cut _____ Temp: In _____ Out _____
 Hole Size _____ Wt _____
 Dev. Survey _____ @ _____ Vis _____
 Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Continued pulling main string of 2-3/8" tubing - tubing
removed completely by 13:00. Ran downhole with drill pipe to
1600' by 17:00. End shift.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 25-9 Date: April 27, 1981

Location: NW $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 22N R 40E Spud Date: March 26, 1981

County, State: Churchill County, NV Day #: 33

Prog. Depth: 2,000' Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Build fishing tool

(14:00 - begin fishing, caught short section of 2-3/8"

tubing and retrieval.)

(02:30 - caught main string of tubing and started pulling)

(04:00 - end shift)

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: April 23-26, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, NV Day #: 7,8,9,10

Prog. Depth: 2,000' Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled n/a to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report No work done - crew at 25-9.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: April 20 & 21, 1981

Location: NE¹/₄ of SW¹/₄ Sec. 9 T 22N R 40E Spud Date: April 16, 1981

County, State: Churchill County, NV Day #: _____

Prog. Depth: 2,000 Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled 21 to 280' Mud/Air/ _____

Footage Cut 259' Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey @ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report 4/20/81 at 5:06 P.M. Hole caved in

Stuck in hole - unscrewed drill string - trying to wash around stabilizer

Pulled 40' of rods and end shift still unscrewed. Did nothing on 4/21/81.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: April 20, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, NV Day #: 5 & 6
 Prog. Depth: 2,000' Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

Drilled 21' to 280' Mud/Air/ Air
 Footage Cut 259' Temp: In _____ Out _____
 Hole Size _____ Wt _____
 Dev. Survey _____ @ _____ Vis _____
 Casing _____ Ph _____
 Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report At 5:06 p.m. hole caved in. Stuck in hole. Unscrewed drill
string. Trying to wash around stabilizer. Pulled 40' of rods
and ended shift. Still unscrewed.
4/21/81 - No work done.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: April 18 & 19, 1981

Location: NE¹/₄ of SW¹/₄ Sec. 9 T 22N R 40E Spud Date: April 16, 1981

County, State: Churchill County, NV Day #: _____

Prog. Depth: 2,000 Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Easter Holiday

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: April 18, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, NV Day #: 3

Prog. Depth: 2,000' Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____

Footage Cut _____ Temp: In _____ Out _____

Hole Size _____ Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report No work done.

April 19, 1981 - Day 4 - Easter holiday - no work done.

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: April 17, 1981
 Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981
 County, State: Churchill County, NV Day #: 2
 Prog. Depth: 2,000' Contractor: Anderson
 Geologist: Mark Avery Rig.: _____

Drilled _____ to _____ Mud/Air/ _____
 Footage Cut _____ Temp: In _____ Out _____
 Hole Size _____ Wt _____
 Dev. Survey _____ @ _____ Vis _____
 Casing _____ Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report No drilling done. Drove backhoe to 38-9. Enlarged mud pit.
Set up splitter. Dug garbage pit. Hooked up compressor.

Well History

Interval	Hole Size	Casing
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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

DAILY DRILLING REPORT

Project - Hole: 864 38-9 Date: April 16, 1981

Location: NE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 9 T 23N R 40E Spud Date: April 16, 1981

County, State: Churchill County, Nevada Day #: 1

Prog. Depth: 2,000' Contractor: Anderson

Geologist: Mark Avery Rig.: _____

Drilled 0' to 21' Mud/Air/ Air

Footage Cut 21' Temp: In _____ Out _____

Hole Size 12 $\frac{1}{4}$ " - 17 $\frac{1}{2}$ " Wt _____

Dev. Survey _____ @ _____ Vis _____

Casing 14" set to 22' Ph _____

Bits, stabs, etc. & ser. # _____

Lithology _____

Additional Report Set up at 38-9. Drilled to 21'. Reamed hole (17 $\frac{1}{2}$ "). Set 14" casing.

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

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