

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/17/82 and 6/18/82

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: One

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 0' to 0' Mud/Air/ \_\_\_\_\_

Footage Cut 0 Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size \_\_\_\_\_ Wt \_\_\_\_\_

Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # \_\_\_\_\_

Lithology \_\_\_\_\_

Additional Report Moved equipment to location, dug pits, centered rig over hole and set up.

Well History

Interval	Hole Size	Casing	Expenditures
0-21	17 1/2"	14" (removed)	Total to date _____
21-403'	12 1/2"	9 5/8"	Projected _____
_____	_____	_____	Cost/Ft _____
_____	_____	_____	Budgeted _____
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/19/82

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: Two

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 0' to 0' Mud/Air/ \_\_\_\_\_

Footage Cut 0' Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size \_\_\_\_\_ Wt \_\_\_\_\_

Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # \_\_\_\_\_

Lithology \_\_\_\_\_

Additional Report Drilled out cement and casing; cemented from 218' to 408';  
magnesium shoe at 382'

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Well History

Interval	Hole Size	Casing
0-21	17 1/2"	14" (removed)
21-403'	12 1/2"	9 5/8"
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

Total to date \_\_\_\_\_  
Projected \_\_\_\_\_  
Cost/Ft \_\_\_\_\_  
Budgeted \_\_\_\_\_

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/20/82  
 Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_  
 County, State: Churchill, Nevada Day #: Three  
 Prog. Depth: 3500' Contractor: Southwest Drilling  
 Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 403' to 1083' Mud/Air/ air/foam  
 Footage Cut 675' Temp: In \_\_\_\_\_ Out \_\_\_\_\_  
 Hole Size 6 1/2" Wt \_\_\_\_\_  
 Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_  
 Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # 6 1/2" hammer #SNL 5178', 100' of 4 7/8" collars.

Lithology Medium to dk. gray latites with abundant fractures.

Additional Report Began encountering small amount of water at about 600'. Increased to 40 gal. per minute at 960'. Collected 33°C water sample at 960'. Flow approximately 60 GPM at 1083'. Flowing water and foam down natural drainage with USGS approval. Penetration of 40' per. hour from 420'-500', 20' per hour from 500-1033', 10' per hour from 1033-1083'.

Well History

Interval	Hole Size	Casing
<u>0-21</u>	<u>17 1/2"</u>	<u>14" (removed)</u>
<u>21-403'</u>	<u>12 1/2"</u>	<u>9 5/8"</u>
<u>403-1083'</u>	<u>6 1/2"</u>	<u>9 5/8" (0-382')</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Expenditures

Total to date \_\_\_\_\_  
 Projected \_\_\_\_\_  
 Cost/Ft \_\_\_\_\_  
 Budgeted \_\_\_\_\_

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/21/82

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: \_\_\_\_\_

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1083' to 1153' Mud/Air/ air/foam

Footage Cut 70' Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size 6 1/2" Wt \_\_\_\_\_

Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # 6 1/2" hammer #SNL5178, pulled at 1153', 6 1/4" button #B87406. In at 1153' with 100' 4 7/8" collars.

Lithology Green and brown chert at 1125'

Additional Report Having trouble unloading hole, stuck bit briefly, POH. Brace on brake failed while pulling out of hole and elevator and block dropped 40' into the rotary table, crew spent next 5 hours repairing damage. Changed to button bit and RIH. Penetration increased to 20' per hour between 1125-1153'.

Well History

Interval	Hole Size	Casing	Expenditures
0-21	17 1/2"	14" (removed)	Total to date _____
21-403'	12 1/2"	9 5/8"	Projected _____
403-1153	6 1/2"	_____	Cost/Ft _____
_____	_____	_____	Budgeted _____
_____	_____	_____	
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/22/82

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: \_\_\_\_\_

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1083' (same as 6/21/82) to 1153' Mud/Air/ \_\_\_\_\_

Footage Cut \_\_\_\_\_ Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size \_\_\_\_\_ Wt \_\_\_\_\_

Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # \_\_\_\_\_

Lithology \_\_\_\_\_

Additional Report Morning tower RIH and stuck drill string at 1140'. Crew spent 6 hours working pipe free and POH. Remainder of day spent hauling water, mixing mud and rigging up drill rig for mud drilling.

Well History

<u>Well History</u>			<u>Expenditures</u>
<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Total to date</u> _____
<u>0-21</u>	<u>17 1/2"</u>	<u>14" (removed)</u>	<u>Projected</u> _____
<u>21-403'</u>	<u>12 1/2"</u>	<u>9 5/8"</u>	<u>Cost/Ft</u> _____
_____	_____	_____	<u>Budgeted</u> _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/23/82

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: \_\_\_\_\_

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1153' to 1158' Mud/Air/ \_\_\_\_\_

Footage Cut 5' Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size \_\_\_\_\_ Wt \_\_\_\_\_

Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # \_\_\_\_\_

Lithology \_\_\_\_\_

Additional Report Changed from air to mud and mixing mud all shift. Mixed mud; conditioned hole. Drilled 5' both shifts.

AS OF 9 P.M. THURSDAY, 6/24/82: Drilled 1158'-1288'. Report to be called in later.

Well History

<u>Well History</u>			<u>Expenditures</u>
Interval	Hole Size	Casing	Total to date _____
<u>0-21</u>	<u>17 1/2"</u>	<u>14" (removed)</u>	Projected _____
<u>21-403'</u>	<u>12 1/2"</u>	<u>9 5/8"</u>	Cost/Ft _____
_____	_____	_____	Budgeted _____
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/24/82

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: \_\_\_\_\_

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1158' to 1333' Mud/Air/ \_\_\_\_\_

Footage Cut 175' Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size 6-1/4" Wt \_\_\_\_\_

Dev. Survey @ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # 6-1/4" button No. CL 9282

Lithology Altered tuffs & clays

Additional Report \_\_\_\_\_

Drilled 1158-1188 w/5 foot per hour penetration, POH, put on botton finger bit,  
RIH, drilled 1188-1333 w/penetration rate of 15-20' per hr.

Well History

Interval	Hole Size	Casing
0-21	17 1/2"	14" (removed)
21-403'	12 1/2"	9 5/8"
403-1153'	6-1/2"	_____
1153-1408'	6-1/4"	_____
_____	_____	_____
_____	_____	_____

Expenditures

Total to date \_\_\_\_\_  
 Projected \_\_\_\_\_  
 Cost/Ft \_\_\_\_\_  
 Budgeted \_\_\_\_\_

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6-25

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: \_\_\_\_\_

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1333' to 1408' Mud/Air/ \_\_\_\_\_

Footage Cut 75' Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size 6-1/4" Wt \_\_\_\_\_

Dev. Survey @ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # 6-1/4" button No. CL 9282

Lithology \_\_\_\_\_

Additional Report Drilled 1133-1408' at approximately 15' per/hr. At 1408' encountered hard fractured cherts & loss circulation. Stuck rods at 1408', worked free, POH, mixed mud. Run in hole & blow down w/air. Unable to control water & caving and change back to mud. Clay zone from approx. 1250'-1408'. Caving & bridging hole. Sample appears to be montmorillonite clay. Similar to "swelling" clays encountered at Tuscarora.

Well History

<u>Well History</u>			<u>Expenditures</u>
<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Total to date</u> _____
<u>0-21</u>	<u>17 1/2"</u>	<u>14" (removed)</u>	<u>Projected</u> _____
<u>21-403'</u>	<u>12 1/2"</u>	<u>9 5/8"</u>	<u>Cost/Ft</u> _____
<u>403-1153'</u>	<u>6-1/2"</u>	_____	<u>Budgeted</u> _____
<u>1153-1408'</u>	<u>6-1/4"</u>	_____	
_____	_____	_____	
_____	_____	_____	



## DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/26

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: \_\_\_\_\_

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1333' to 1408' Mud/Air/ \_\_\_\_\_

Footage Cut 0' Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size \_\_\_\_\_ Wt \_\_\_\_\_

Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # 6-1/4" button No. 887046

Lithology \_\_\_\_\_

Additional Report \_\_\_\_\_

Haul water and mix mud. Attempted to condition hole & regain circulation.

Numerous bridges below 1160' and difficult to keep hole open from 1250-1408'

Severe loss circulation at 1408'.

### Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>
<u>0-21</u>	<u>17 1/2"</u>	<u>14" (removed)</u>
<u>21-403'</u>	<u>12 1/2"</u>	<u>9 5/8"</u>
<u>403-1153'</u>	<u>6-1/2"</u>	_____
<u>1153-1408'</u>	<u>6-1/4"</u>	_____
_____	_____	_____
_____	_____	_____

### Expenditures

Total to date \_\_\_\_\_

Projected \_\_\_\_\_

Cost/Ft \_\_\_\_\_

Budgeted \_\_\_\_\_

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/27  
 Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_  
 County, State: Churchill, Nevada Day #: \_\_\_\_\_  
 Prog. Depth: 3500' Contractor: Southwest Drilling  
 Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1333' to 1408' Mud/Air/ \_\_\_\_\_  
 Footage Cut 0' Temp: In \_\_\_\_\_ Out \_\_\_\_\_  
 Hole Size \_\_\_\_\_ Wt \_\_\_\_\_  
 Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_  
 Casing \_\_\_\_\_ Ph \_\_\_\_\_  
 Bits, stabs, etc. & ser. # \_\_\_\_\_

Lithology \_\_\_\_\_

Additional Report Crew on standby until 1600. Crew began reaming 8-3/4" hole and will attempt to run 7" casing to 1408'.

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Expenditures</u>
0-21	17 1/2"	14" (removed)	Total to date <u>\$60,000</u>
<u>21-403'</u>	<u>12 1/2"</u>	<u>9 5/8"</u>	Projected <u>\$156,000</u>
<u>403-1153</u>	<u>6-1/2"</u>	_____	Cost/Ft _____
<u>1153-1408</u>	<u>6-1/4"</u>	_____	Budgeted <u>\$156,000</u>
_____	_____	_____	
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/28/82

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: \_\_\_\_\_

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1333' to 1408' Mud/Air/ mud

Footage Cut 0' Temp: In 61°F Out 72°F

Hole Size \_\_\_\_\_ Wt 9.0-9.8

Dev. Survey @ Vis 48-65

Casing \_\_\_\_\_ Ph 8.0

Bits, stabs, etc. & ser. # 8 3/4" finger button #438558

Lithology \_\_\_\_\_

Additional Report Reaming hole from 323-963'. Reaming cement from 323-403'. Some caving and plugged bit twice.

Materials: 20 gel, 7 sawdust, 3 polypak, 5 soda ash, 2 nut plug, 2 kwikseal, 3 water trips at 3500 gallons each.

Well History

Interval	Hole Size	Casing	Expenditures		
			Total to date	Projected	Cost/Ft
<u>0-21</u>	<u>17 1/2"</u>	<u>14" (removed)</u>	_____	_____	_____
<u>21-403'</u>	<u>12 1/2"</u>	<u>9 5/8"</u>	_____	_____	_____
<u>403-963'</u>	<u>8 3/4"</u>	_____	_____	_____	_____
<u>963-1153'</u>	<u>6 1/2"</u>	_____	_____	_____	_____
<u>1153-1408'</u>	<u>6 1/4"</u>	_____	_____	_____	_____

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/29/82  
 Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_  
 County, State: Churchill, Nevada Day #: \_\_\_\_\_  
 Prog. Depth: 3500' Contractor: Southwest Drilling  
 Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1333' to 1408' Mud/Air/ mud  
 Footage Cut 0' Temp: In 63°F Out 75°F  
 Hole Size \_\_\_\_\_ Wt 10.0-10.2  
 Dev. Survey @ Vis 48-70  
 Casing \_\_\_\_\_ Ph 8.0

Bits, stabs, etc. & ser. # 8 3/4" finger button #438558

Lithology \_\_\_\_\_

Additional Report Mixed polymer mud and reamed hole from 963-1263'. Large wash out from 1128-1143'. 7" casing and elevators arrived mid-day.

Materials: 19 gel, 3 polypak, 5 nut plug, 5 sawdust, 2 kwikseal, 3 water trips at 3500 gallons each.

Mud cost averaging approximately \$1200 a day for the last six days.

Well History

Interval	Hole Size	Casing	Expenditures
0-21	17 1/2"	14" (removed)	Total to date <u>\$81,000.00</u>
<u>21-403'</u>	<u>12 1/2"</u>	<u>9 5/8"</u>	Projected _____
<u>403-1263'</u>	<u>8 3/4"</u>	_____	Cost/Ft _____
<u>1263-1408'</u>	<u>6 1/4"</u>	_____	Budgeted <u>\$156,000.00</u>
_____	_____	_____	
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 6/30/82

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: \_\_\_\_\_

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1333' to 1408' Mud/Air/ \_\_\_\_\_

Footage Cut 0' Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size \_\_\_\_\_ Wt \_\_\_\_\_

Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # \_\_\_\_\_

Lithology \_\_\_\_\_

Additional Report Reamed 8 3/4" hole from 1263-1303', total lost circulation at 1303', stuck pipe for 4 hours, POH, rigging up to run casing and ran 1165' of 7" casing. Casing set below caving zones but swelling clays were encountered to 1193'.

Well History

Interval	Hole Size	Casing
0-21	17 1/2"	14" (removed)
21-403'	12 1/2"	9 5/8"
403-1303	8 3/4"	
1303-1408	6 1/4"	

Expenditures

Total to date \_\_\_\_\_  
 Projected \_\_\_\_\_  
 Cost/Ft \_\_\_\_\_  
 Budgeted \_\_\_\_\_

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 7/1/82  
 Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_  
 County, State: Churchill, Nevada Day #: \_\_\_\_\_  
 Prog. Depth: 3500' Contractor: Southwest Drilling  
 Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1333' to 1408' Mud/Air/ \_\_\_\_\_  
 Footage Cut 0' Temp: In \_\_\_\_\_ Out \_\_\_\_\_  
 Hole Size \_\_\_\_\_ Wt \_\_\_\_\_  
 Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_  
 Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # \_\_\_\_\_

Lithology \_\_\_\_\_

Additional Report Run in hole and clean below 7" casing to 1290', POH, set casing to 1303', unload 3500' of 2 7/8" tubing.

Well History

Interval	Hole Size	Casing	<u>Expenditures</u>
0-21	17 1/2"	14" (removed)	Total to date _____
21-403'	12 1/2"	9 5/8"	Projected _____
403-1303	8 3/4"	7" to 1303'	Cost/Ft _____
1303-1408	6 1/4"	_____	Budgeted _____
_____	_____	_____	
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 7/2/82

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: \_\_\_\_\_

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1408 to 1448' Mud/Air/ air/foam

Footage Cut 40' Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size \_\_\_\_\_ Wt \_\_\_\_\_

Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # FB62J 6 1/4" button #887406

Lithology Black thinly bedded shales and siltstones.

Additional Report Rig up compressor and booster, cover cellar, crew spent 5 hours working on booster to stop severe vibration. Wash hole 1290-1408'. Drill 1408-1448'.

Well History

Interval	Hole Size	Casing
0-21	17 1/2"	14" (removed)
21-403'	12 1/2"	9 5/8"
403-1303	8 3/4"	7" to 1303'
1303-1448	6 1/4"	
_____	_____	_____
_____	_____	_____

Expenditures

Total to date \_\_\_\_\_  
 Projected \_\_\_\_\_  
 Cost/Ft \_\_\_\_\_  
 Budgeted \_\_\_\_\_

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 7/3/82  
 Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_  
 County, State: Churchill, Nevada Day #: \_\_\_\_\_  
 Prog. Depth: 3500' Contractor: Southwest Drilling  
 Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1448' to 1768' Mud/Air/ air/foam  
 Footage Cut 320' Temp: In \_\_\_\_\_ Out \_\_\_\_\_  
 Hole Size 6 1/4 Wt \_\_\_\_\_  
 Dev. Survey @ Vis \_\_\_\_\_  
 Casing \_\_\_\_\_ Ph \_\_\_\_\_  
 Bits, stabs, etc. & ser. # FB62J button #887406

Lithology \_\_\_\_\_  
 Additional Report Lost all returns at 1620. Hole staying clean. Continue drilling blind 1620-1768'. Trip for bit at end of shift.

Well History

Interval	Hole Size	Casing
<u>0-21</u>	<u>17 1/2"</u>	<u>14" (removed)</u>
<u>21-403'</u>	<u>12 1/2"</u>	<u>9 5/8"</u>
<u>403-1303</u>	<u>8 3/4</u>	<u>7" to 1303'</u>
<u>1303-1768</u>	<u>6 1/4</u>	_____
_____	_____	_____
_____	_____	_____

Expenditures

Total to date \_\_\_\_\_  
 Projected \_\_\_\_\_  
 Cost/Ft \_\_\_\_\_  
 Budgeted \_\_\_\_\_



DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 7/4/82  
 Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_  
 County, State: Churchill, Nevada Day #: \_\_\_\_\_  
 Prog. Depth: 3500' Contractor: Southwest Drilling  
 Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1768 to 1948' Mud/Air/ air/foam  
 Footage Cut 180' Temp: In \_\_\_\_\_ Out \_\_\_\_\_  
 Hole Size 6 1/4 Wt \_\_\_\_\_  
 Dev. Survey @ Vis \_\_\_\_\_  
 Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # \_\_\_\_\_

Lithology \_\_\_\_\_

Additional Report Run in hole, bridge at 1460', reamed hole to 1768' and drilled blind from 1768-1948. Hole began sluffing in at 1948, stuck drill pipe, mixed mud and circulated to break pipe free and POH.

Well History

<u>Interval</u>	<u>Hole Size</u>	<u>Casing</u>	<u>Expenditures</u>
<u>0-21</u>	<u>17 1/2"</u>	<u>14" (removed)</u>	<u>Total to date _____</u>
<u>21-403'</u>	<u>12 1/2"</u>	<u>9 5/8"</u>	<u>Projected _____</u>
<u>403-1303</u>	<u>8 3/4</u>	<u>7" to 1303'</u>	<u>Cost/Ft _____</u>
<u>1303-1948</u>	<u>6 1/4</u>	_____	<u>Budgeted _____</u>
_____	_____	_____	
_____	_____	_____	

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 7/5/82  
 Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_  
 County, State: Churchill, Nevada Day #: \_\_\_\_\_  
 Prog. Depth: 3500' Contractor: Southwest Drilling  
 Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1768' to 1948' Mud/Air/ \_\_\_\_\_  
 Footage Cut 0' Temp: In \_\_\_\_\_ Out \_\_\_\_\_  
 Hole Size \_\_\_\_\_ Wt \_\_\_\_\_  
 Dev. Survey @ Vis \_\_\_\_\_  
 Casing \_\_\_\_\_ Ph \_\_\_\_\_  
 Bits, stabs, etc. & ser. # \_\_\_\_\_  
 Lithology \_\_\_\_\_

Additional Report RIH, hit bridge at 1315', shut down to repair booster 0100-0800.  
Attempt to wash down, unable to clean hole from 1320-1328. Worked on 1320-1328 inter-  
val for 6 hours without success. Large volume of black siltstone cuttings washing  
into hole.

Well History

Interval	Hole Size	Casing
0-21	17 1/2"	14" (removed)
21-403'	12 1/2"	9 5/8"
403-1303	8 3/4	7" to 1303'
1303-1948	6 1/4	

Expenditures

Total to date 149,000  
 Projected \_\_\_\_\_  
 Cost/Ft \_\_\_\_\_  
 Budgeted 154,000

FINAL REPORT

DAILY DRILLING REPORT

Project - Hole: 28-18 Date: 7/6/82

Location: SW 1/4 of SW 1/4 Sec. 18 T 22N R 40E Spud Date: \_\_\_\_\_

County, State: Churchill, Nevada Day #: \_\_\_\_\_

Prog. Depth: 3500' Contractor: Southwest Drilling

Geologist: John Deymonaz Rig.: G-D 2,000

Drilled 1948' to 1948' Mud/Air/ \_\_\_\_\_

Footage Cut 0' Temp: In \_\_\_\_\_ Out \_\_\_\_\_

Hole Size \_\_\_\_\_ Wt \_\_\_\_\_

Dev. Survey \_\_\_\_\_ @ \_\_\_\_\_ Vis \_\_\_\_\_

Casing \_\_\_\_\_ Ph \_\_\_\_\_

Bits, stabs, etc. & ser. # \_\_\_\_\_

Lithology \_\_\_\_\_

Additional Report Ran 1904' of 2 7/8" tubing; removed BOPE; unable to remove 7" casing; sand packed hole with 4 yds. sand slurry and released rig at 1430'

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Well History

Interval	Hole Size	Casing
0-21	17 1/2"	14" (removed)
21-403'	12 1/2"	9 5/8"
403-1303	8 3/4"	7" to 1303'
1303-1948	6 1/4"	2 7/8" tubing 0-1904'
_____	_____	_____
_____	_____	_____

Expenditures

Total to date \$153,000.  
Projected \_\_\_\_\_  
Cost/Ft \_\_\_\_\_  
Budgeted \$154,000.