

44-84

30-045-08968

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 32 Twp 30 Rng 8

Name of Well/Wells or Pipeline Serviced BEAVER LODGE COM #1

BEAVER LODGE COM #320

cps 31w

Elevation 5832' Completion Date 6/10/74 Total Depth 260' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used

N/A

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 100"

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 210', 200', 190', 160', 150', 140', 130', 120', 80', 70'

Depths vent pipes placed: N/A

Vent pipe perforations: 163'

Remarks: gb #2

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 6-10-74

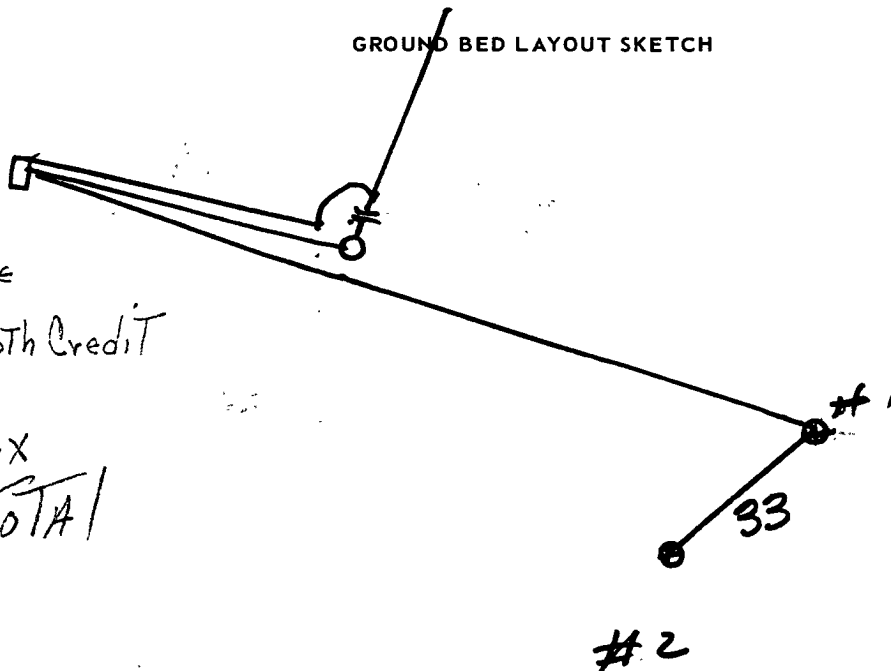
Well Name Beaver Lodge Com #1		Location SW 32-30-8		CPS No. 31W	
Type & Size Bit Used 6 3/4				Work Order No. 52238	
Anode Hole Depth 260'	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 210	# 2 200	# 3 190	# 4 160	# 5 150	# 6 140
# 7 130	# 8 120	# 9 80	# 10 70		
Anode Output (Amps)					
# 1 2.7	# 2 3.5	# 3 3.0	# 4 3.9	# 5 4.9	# 6 4.4
# 7 4.5	# 8 3.1	# 9 2.8	# 10 2.9		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Total Circuit Resistance		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 11.0	Amps 14.0	Ohms 0.78	38		

Remarks: **Driller said water at 100'-water level overnight at 40' Vent Perforated 163' Pump Coke to Surface.**

All Construction Completed

Arrels
(Signature)

GROUND BED LAYOUT SKETCH



#3,409.00
15.20 Cable
#3,424.20
-530.00 Depth Credit
#2,894.20
115.77 TAX
#3,009.97 TOTAL

STORM WATER WELL DRILLING INC.

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
WATER WELL DRILLING

CONTRACTORS
14991 W. 44TH AVENUE
GOLDEN, COLORADO 80401
PHONE (303) 278-9505

GENERAL OFFICE
14991 W. 44TH AVENUE
BAILEY OFFICE
CALL 1-838-4821

Drill 10 TK

mon
Date 6 10 74

Owner LPS #31 W

Location
City _____ State N.M. County SAN JUAN

From	To	Formation	Color	Hardness
0	30	SAND	TAN	MED
30	40	SANDY SHALE	GRAY TAN	MED
40	100	SHALE	BLUE GRAY	"
100	130	SAND SHALE	" "	"
130	200	SHALE	Blue	"
200	210	SAND	Gray	"
210	230	Shale	Blue	"
230	250	SAND	BROWN TAN	"
250	260	Shale	Blue	"
	TD 260	water injection 100'		

Total Hours 4 8 hrs
Equipment Down Time 4
Hours Drilling 4
Driller RAY
Helper BOB
Helper PAT

C.P.S. Time _____
S.W.W.D.I. Time _____
Total Footage 260
Approval of
C.P.S. Engineer _____

31W-6-10-74 X = 7.6

MW	gas/mol
18	C ₁ 9.56
30	C ₂ 10.42
44	C ₃ 12.58
58	NC ₄ 14.93
72	IC ₄ 17.63
86	NC ₅ 20.44
100	IC ₅ 23.25
114	C ₆ 26.06
128	C ₇ 28.87
142	C ₈ 31.68

MW	gas/mol
44	CO ₂ 6.38
34	H ₂ S 5.17
28	N ₂ 4.16
2	H ₂ 3.38

100	1.0		40	1.8	Driller Said water at 100'				
	1.1			1.5	left at 9:15 AM to go back				
10	1.3		50	1.4	to Town after vent hose, back				
	2.0			1.2	log 100 to 259 -				
20	2.0 ⑧		60	1.2	Water level at 40 - after 19 Hrs				
	2.0			1.2	log 40 to 100 -				
30	2.5 ①		70	1.4 ⑩	Vent Perf. 163				
	2.6			1.6					
40	2.5 ②		80	1.5 ⑨					
	2.8			1.2					
50	2.7 ③		90	1.0					
	2.8		195	9					
60	2.6 ④		100	8					
	1.4								
70	1.0					log	wtr	cote	
	1.0				1	2.10	1.8	2.7	
80	1.0				2	2.00	2.0	3.5	
	1.1				3	1.90	1.8	5.0	
90	1.8 ⑤				4	1.60	2.6	3.9	
	1.9				5	1.50	2.7	4.9	
200	2.0 ⑥				6	1.40	2.5	4.4	
	2.2				7	1.30	2.5	4.5	
10	1.8 ⑦				8	1.20	2.0	3.1	
	1.0				9	.80	1.5	2.2	
20	9				10	.70	1.4	2.2	
	1.0								
30	1.0								
	1.3								
40	1.8								
	2.4								
50	2.3								
259	2.2 TD								
60									
10									

100

78

11.0V

14.0A

= 0.78

9.80

1200

1120

$$100 \sqrt{11.04} 14.0 A = 0.78$$

$$\frac{980}{1200} = 0.816$$