

98 - 30-039-07535
109 - 30-039-21330

4562

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NE Sec. 30 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #98, #109

cps 118w

Elevation 6404' Completion Date 5/6/74 Total Depth 660' 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. 440'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIST. ?

Type & amount of coke breeze used: 11300 lbs.

Depths anodes placed: 620', 610', 595', 585', 575', 565', 555', 520', 510', 495'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: 6 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

logged

Drilling Log (Attach Hereto). ☐

Completion Date **5-6-74**

Well Name S.J. 29-7 # 98		Location NE 30 - 29 - 7		CPS No. 118W	
Type & Size Bit Used 6 3/4				Work Order No. 52373.19-50-20	
Anode Hole Depth 660	Total Drilling Rig Time	Total Lbs. Coke Used 11,300 EST.	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 620	# 2 610	# 3 595	# 4 585	# 5 575	# 6 565
# 7 555	# 8 520	# 9 510	# 10 495		
Anode Output (Amps)					
# 1 1.5	# 2 1.8	# 3 1.8	# 4 1.6	# 5 2.0	# 6 2.2
# 7 2.7	# 8 1.9	# 9 1.8	# 10 1.5		
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 11.4	Amps 6.0	Ohms 1.90			

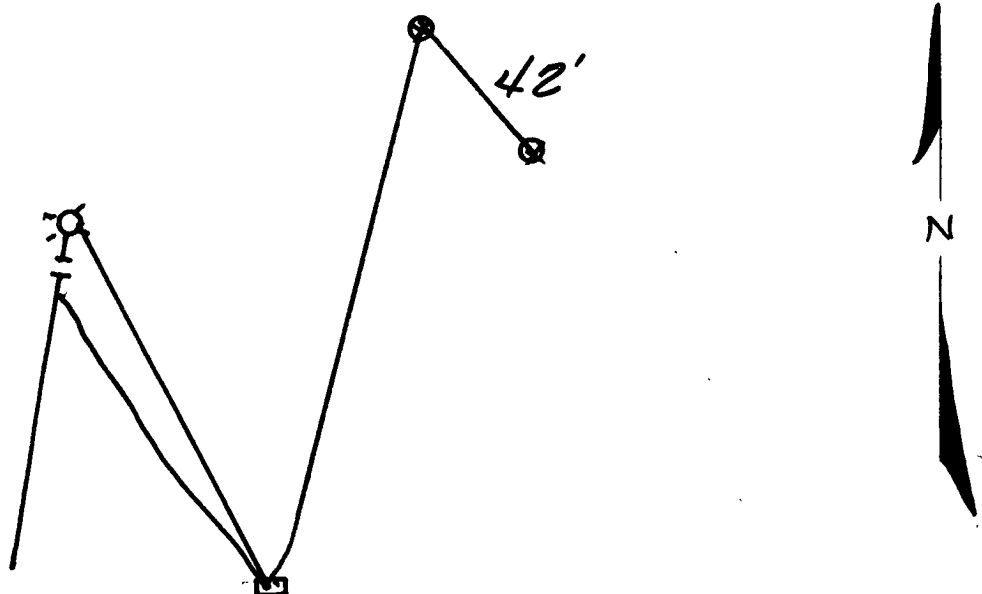
Remarks: **Water Standing @ 415' After 12 hrs**
Driller said lots of water @ 440'
vent hose perforated 200'. Pumped to
above water zone, complete by slurry

\$ 3,409.00
1,087.50 Extra Depth
 4,496.50
18.80 Cable
 4,515.30
180.61 TAX
\$ 4,695.91 TOTAL

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH



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 C.D. 15W

Date 4-6-74

Owner C. P. S.

Location _____
City Farmington State N Mex County _____

From	To	Formation	Color	Hardness
0		<u>Hole #118W</u>		
0	15	OVERBURDEN	Sand	
15	65	SHALE	Blue	M. Soft
65	230	SANDSTONE	BR	M. HAR
230	440	Sandy SHALE	Blue	with STREAKS HARD SANDSTONE
440	660	SANDSTONE with STREAKS of SHALE	VERY Sandy	
		WATER @ 440'		
		Injection @ 440'		
		Approx 30 gpm		

Total Hours _____

Equipment Down Time _____

Hours Drilling 11.1

Driller Ed Holland

Helper _____

Helper _____

C.P.S. Time _____

S.W.W.D.I. Time _____

Total Footage _____

Approval of
C.P.S. Engineer _____

118W

$$X = 4.0$$

MW		gals/mol
16	C ₁	6.4
30	C ₂	9.56
44	C ₃	10.42
58	IC ₄	12.38
"	NC ₄	11.93
72	IC ₅	13.85
"	NC ₅	13.71
86	IC ₆	15.50
"	C ₆	15.57
100	IC ₇	17.2
"	C ₇	17.46
114	C ₈	19.38
28	C ₅	9.64
42	C ₄	9.67

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

415	.6	.8	Water Standing @ 415
20	.7	.7	After 12 hrs
	.6	.6	Drill log said 2.75 at
30	.6	.7	Water @ 440
	.6	.7	Vent Perf. 200'
40	.6	.7	
	.5	.6	
50	.4	.8	
	.5	.9	
60	.5	.8	639 Bottom
	.5	.8	
70	.5	50	209 Water Core
	.5	1 620	.7 1.5
80	.5	2 610	.7 1.8
	.5	3 595	.8 1.8
90	.6	4 585	.7 1.6
	.7	5 575	.7 2.0
500	.5	6 565	.8 2.2
	.5	7 555	.8 2.7
10	.7	8 520	.8 1.9
	.7	9 510	.7 1.8
20	.8	10 495	.7 1.5
	.7		
30	.5	11.4 6.0 A	1.90
	.6		
40	.6		
	.6		
50	.6		
	.8		
60	1.8		
	.8		
70	.8		
	.7		
80	.7		
	.7		
90	.7		