

90-30-039-07710
505-30-039-24325

4245

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

Operator MERIDIAN OIL INC. Location: Unit NE Sec. 5 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #90, #505
cps 2122w

Elevation 6121' Completion Date 6/3/74 Total Depth 480' 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. 75' & 140'

Depths gas encountered: N/A

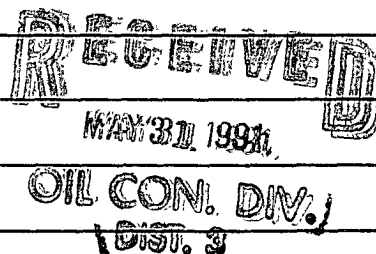
Type & amount of coke breeze used: N/A

Depths anodes placed: 400', 390', 380', 370', 360', 350', 340', 330', 320', 310'

Depths vent pipes placed: N/A

Vent pipe perforations: 333'

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 **6-3-74**

Well Name S.J. 29-7 # 90		Location NE 5-29-7		CPS No. 277W 2122	
Type & Size Bit Used 6 3/4				Work Order No. 52213	
Anode Hole Depth 480	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 400	# 2 390	# 3 380	# 4 370	# 5 360	# 6 350
# 7 340	# 8 330	# 9 320	# 10 310		
Anode Output (Amps)					
# 1 3.1	# 2 3.6	# 3 3.7	# 4 3.3	# 5 3.9	# 6 2.9
# 7 3.2	# 8 3.1	# 9 3.2	# 10 3.0		
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 11.2	Amps 11.6	Ohms .96			

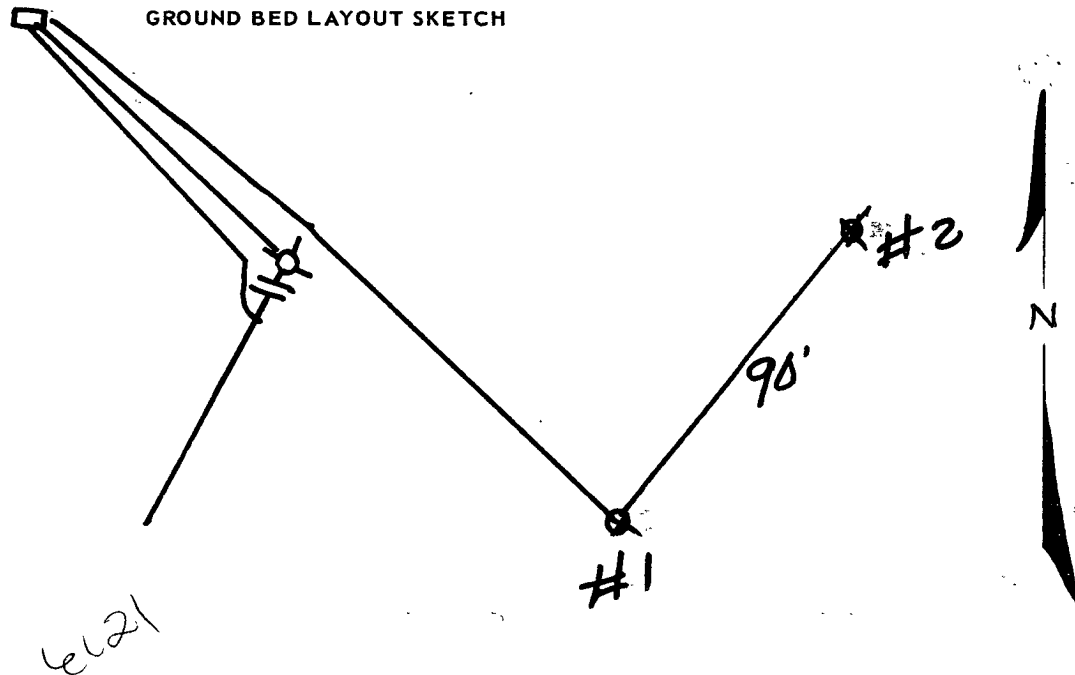
Remarks: **Driller Said Water at 75' 140' Start injection at 20.**
Vent Perforated 333'.
Pumped above all anodes
left location to make anodes
Contr told to Fill to above water Zones

\$ 3,709.00
38.00 cable
\$ 3,447.00
-150.00 Depth Credit
\$ 3,297.00
131.88 TAX
\$ 3,428.88 TOTAL

All Construction Completed

Farrells
 (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 10 L.S. Port Adrill

Owner C.F.S. for EL PASO

Location

City _____ State N. H. County _____

[illegible]

Total Hours 8

Equipment Down Time _____

Hours Drilling _____

Driller *[Signature]*

Helper KAY

Helper AI

C.P.S. Time _____

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

Total Footage 480 ft.

Approval of
C.P.S. Engineer _____

277W X=12.2

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.58
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	C ₇ 15.57
142	IC ₇ 17.2
156	C ₈ 17.46
170	C ₉ 19.38
184	C ₁₀ 19.64
198	C ₁₁ 21.67

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

50		230	4	410	2	Driller Said Water at 758/40 Starting at 200 Vent Perf. 333 Pump above all anodes - almost Full load of water left Still Pumping, left to Make anodes
			5		3	
60		40	5	20	3	
			6		4	
			6		4	
70	3	30	6	30	4	Pump above all anodes - almost Full load of water left Still Pumping, left to Make anodes
	5		5		5	
80	6	60	7	40	6	
	9		9		6	
	9		9		6	
90	9	70	9	50	6	Pump above all anodes - almost Full load of water left Still Pumping, left to Make anodes
	9		8		6	
	9		7		6	
100	7	80	6	60	6	
	7		6	65	6	
110	5	90	5	70	5	Log water coke
	7		5			
20	10	300	5		1.400	1.3 1.4 3.1
	10		5		2.390	1.6 1.9 3.6
30	7	10	8		3.380	1.4 2.0 3.7
	6		15		4.370	1.6 1.8 3.3
40	7	20	14		5.360	2.1 2.5 3.9
	5		10		6.350	1.7 2.0 2.9
50	3	30	13		7.340	1.5 1.9 3.2
	3		16		8.330	1.3 1.9 3.1
60	1	40	15		9.320	1.4 1.4 3.2
	8		17		10.310	1.8 1.6 3.0
70	10	50	17			
	16		17			
80	15	60	2.1			
	10		18			
90	11	70	1.6			
	12		14			
200	12	80	14			
	10		17			
10	5	90	16			
	4		16			
20	4	400	1.3			
	7		3			

11.2 - 11.6 = 0.96