

30.039.24487

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. 27 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #475

cps 173w

Elevation 6426' Completion Date 8/26/74 Total Depth 340' 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. 80'

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: 280', 270', 245', 235', 225', 215', 205', 185', 165', 155'

Depths vent pipes placed: N/A

Vent pipe perforations: 205'

Remarks: qb #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). ☐

logged

Completion Date **8-26-74**

Well Name S.J. 30-6 # 48		Location SW 27-30-6		CPS No. 173W	
Type & Size Bit Used 6 3/4				Work Order No. 90101	
Anode Hole Depth 340	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 280	# 2 270	# 3 245	# 4 235	# 5 225	# 6 215
# 7 205	# 8 185	# 9 165	# 10 155		
Anode Output (Amps)					
# 1 2.5	# 2 3.2	# 3 3.5	# 4 2.9	# 5 3.5	# 6 4.3
# 7 3.8	# 8 3.2	# 9 3.2	# 10 3.2		
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 13.0		Ohms 1.84	
				63'	

Remarks: **Driller Said Water at 80' - Water level at 230' over night**

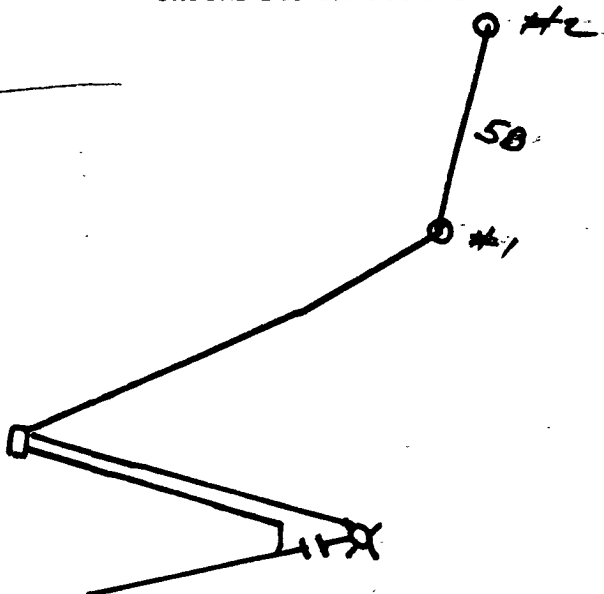
**Vent Perforated 205
Pump Coke to Surface**

\$ 3,409.00
25.20 Cable
\$ 3,434.20
-390.00 Depth Credit
\$ 3,044.20
121.77 TAX
\$ 3,165.97 TOTAL

All Construction Completed

Arrels
(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 GD 15

Date 8-26-74

Owner: C.D.S 173 W

Location _____
City Lawson, N.Y. State N.Y. County _____

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling: _____

Driller: Sgt. Madwell

Helper _____

Helper _____

C.P.S. Time _____

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

Total Footage _____

Approval of
C.P.S. Engineer _____

173W - X=6.0 - 8-26-74

58' S.B.

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.38
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	IC ₈ 19.38
184	C ₉ 19.64
198	C ₁₀ 21.47

80	260	1.4	Driller Said wtr at 80
		1.5	
90	70	1.9	wtr Level at 230' over night
		1.6	
100	80	1.6	
		1.4	
10	90	1.0	
		.6	
20	300	.5	Vent Perf 205'
		.5	Pump to Surface
30	10		
	TD 311		
40	20		
50	30		
60	40		Log wtr cake
			1 280 1.6 1.6 25
			2 270 1.9 2.0 32
70			3 245 1.7 2.3 35
			4 235 2.2 1.8 29
80			5 225 2.0 2.2 35
			6 215 2.1 2.1 43
90			7 205 1.9 2.3 38
			8 185 1.5 1.8 32
200			9 165 1.6 1.8 32
			10 155 1.6 1.8 32
10			
20			
30			
40			
50			

$$\frac{11.00}{1040} \times 13.0A = 0.84$$

600

MW	MISC	gas/mol
44	CO ₂	6.38
72	H ₂ O	5.17
28	N ₂	4.18
2	H ₂	3.38