

12-30-039-07752
492-30-039-24889

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. 26 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #12, #492

cps 238w

Elevation 6556' Completion Date 8/28/74 Total Depth 670' 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. WET AT 80' BUT DRIED UP.

Depths gas encountered: N/A

Type & amount of coke breeze used: 10700 lbs.

Depths anodes placed: 550', 540', 530', 520', 510', 500', 490', 480', 470', 430'

Depths vent pipes placed: N/A

Vent pipe perforations: 500'

Remarks: qb #2. OLD GB ANODES BELOW 80' DRIED UP.

RECEIVED

MAY 31 1991

OIL CON. DIV.

DIST. 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 8/28/71

Well Name SAN JUAN 30-6 # 12				Location SW 26-30N-6W				CPS No. 238 W			
Type & Size Bit Used 6 3/4								Work Order No. 40070			
Anode Hole Depth 670'		Total Drilling Rig Time 10,700 EST		Total Lbs. Coke Used		Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)		Total Circuit Resistance		No. 8 C.P. Cable Used	
# 1	550	# 2	540	# 3	530	# 4	520	# 5	510	# 6	500
# 1	1.8	# 2	2.5	# 3	2.7	# 4	2.8	# 5	2.6	# 6	3.4
# 7	490	# 8	480	# 9	470	# 10	430	# 11		# 12	
# 7	3.0	# 8	2.6	# 9	3.2	# 10	2.2	# 11		# 12	
# 13		# 14		# 15		# 16		# 17		# 18	
# 13		# 14		# 15		# 16		# 17		# 18	
Volts		Amps		Ohms				No. 2 C.P. Cable Used			
11.4		11.0		1.03				79			

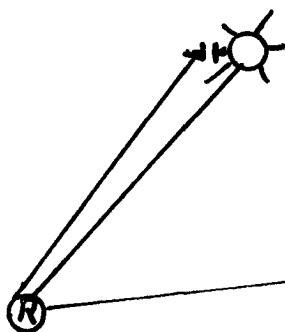
Remarks: Driller said hit the water @ 80' But Dried up. old Ground Bed Anodes Below 80' Dried up. Drill To 500' with Air. No indication of water. Switch To Mud, Drill To 670'. Driller Flush Hole with water Hang in Hole for 2 joints of pipe Finally Freed. Logging Anode Bottomed out @ 591'. Vent Hose Perforated 500'.

All Construction Completed

*Pay 670'
Looking for water*

Edward R. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



\$3,409.00
31.60 Cable
\$3,440.60
1,275.00 EXTRA depth
4,715.60
188.62 TAX
\$4,904.22 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: CPS 238W 10TK

Date 8-28-74

Owner: _____

Location _____
City _____ State _____ County _____

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling 2.1Driller Duff

Helper Kurt

Helper Fred

C.P.S. Time _____

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

Total Footage _____

Approval of
C.P.S. Engineer _____

23 BW

X = 4.0

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	ICA 12.38
72	ICA 11.93
86	ICA 13.85
100	ICA 13.71
114	ICA 15.50
128	ICA 15.57
142	ICA 17.2
156	ICA 17.46
170	ICA 19.38
184	ICA 19.64
198	ICA 21.57

MW	MISC	gas/mol
44	CO ₂	6.38
58	H ₂ O	5.17
72	N ₂	4.16
86	CH ₄	3.38

300	1.4	2.90	1.3	Driller said Little water @ 30' but dried up		
	1.3		1.2			
10	1.5	9.90	1.5	SW Ground bed below 30' dried up		
	1.5		1.4			
20	1.6	② 500	1.6	Drill to 500' with air		
	1.5		1.8			
30	1.4	③ 10	1.5	No indication of water		
	1.3		1.2			
40	1.3	④ 20	1.4	Switch to mud drill		
	1.4		1.5			
50	1.4	⑤ 30	1.4	To 670'. Driller flushed hole with water		
	1.8		1.5			
60	1.9	⑥ 40	1.5	Hanging in hole for 2 joints of pipe. Logging and		
	1.6		1.1			
70	1.6	⑦ 50	1.1	Bottomed out @ 691'		
	1.6		1.6			
80	1.3	80	1.5	Vent hose perforated 500'		
	1.3		1.5			
90	1.4	70	1.5			
	1.8		1.5			
100	1.5	30	1.6			
	1.3		1.7			
10	1.2	20	1.7	591 BOTTOM		
	1.1		1.6			
20	1.5	305		1	550	1.1
	1.4			2	540	1.5
30	1.3	10		3	530	1.5
	1.0			4	520	1.6
40	1.6	20		5	510	1.9
	1.5			6	500	1.9
50	1.4	30		7	490	1.7
	1.5			8	480	1.3
60	1.7	40		9	470	1.7
	1.9			10	460	1.5
70	1.5	50			11.4	11.0
	1.6					1.03 ~

19700

10.7
5.5 / 590
52 / 40