

#2 30-045-20678
#4 30-045-20845

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 A Sec. 26 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced HARTMAN #2, COM #4

cps 1932w

Elevation 6008' Completion Date 4/14/88 Total Depth 400' 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. 130'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 345', 335', 325', 315', 305', 295', 285', 275', 260', 250'

Depths vent pipes placed: 400'

Vent pipe perforations: 300'

Remarks: gb #1

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.

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOGDrilling Log (Attach Hereto) ☐

Completion Date: 4/14/88

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1932 W 523694	26 72A HARTMAN COM #4 ✓ H2 HARTMAN #2 A 26-30-11	071038600	600' E = .92V 600' E = .73V	☒ Good ☐ Bad UNION 900'
Location: A-26-30-11	Anode Size: 2" X 60"	Anode Type: DURION 3053369A	Size Bit: 6 3/4"	
Depth Drilled 400'	Depth Logged 400'	Drilling Rig Time	Total Lbs. Cable Used	Lost Circulation Mat'l Used
Anode Depth				
#1 345'	#2 325'	#3 325'	#4 315'	#5 305'
#6 295'	#7 285'	#8 275'	#9 265'	#10 250'
Anode Output (Amps)				
#1 5.0	#2 5.8	#3 6.0	#4 6.6	#5 6.5
#6 6.2	#7 6.0	#8 6.0	#9 5.8	#10 6.0
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 11.95	Amps 25.3	Ohms .47		

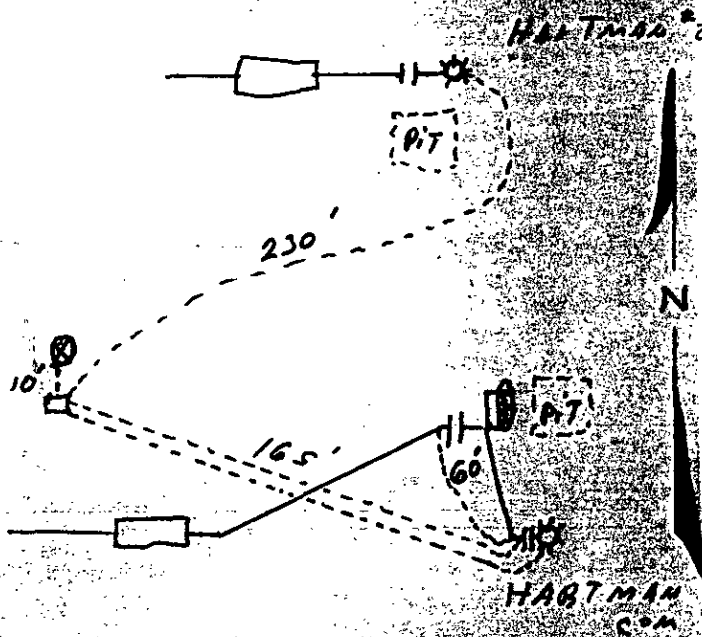
Remarks: Driller said water at 130', took water sample, would not settle out. Drilled to 400', kept A.M., anode stayed at 27', cleared hole + logged 400', installed 400' of 1" P.V.C. Vert pipe, perforated 300'.

G.B. 4074.00 ✓
Rectifier Size: 40V 16A 669.00 ✓
Addn'l Depth -100' ✓ -350.00 ✓
Extra Cable: 215 51.60 ✓
Ditch & 1 Cable: 465 325.50 ✓
~~84' 8" 2 Cable:~~
25' Meter Pole: -
20' Meter Pole: 1 ✓ 297.00
10' Stub Pole: -
Junction Box: 1 225.00 ✓

B 5292.10
TAX 264.61 ✓
\$ 5556.71 ✓

All Construction Completed

(Signature)



6008

Date _____

4/19/8

Volts Applied 11.95 Amperes 2.53

Feet		Volts Applied		Amperes	
5		230	1.4	455	
10		235	1.5	460	
15		240	1.7	465	
20		245	1.8	470	
25		250	2.0 (10)	475	
30		255	2.0	480	
35		260	1.8 (9)	485	
40		265	1.7	490	
45		270	2.0	495	
50		275	1.9 (8)	500	
55		280	1.9	505	
60		285	2.0 (7)	510	
65		290	2.0	515	
70		295	2.1 (6)	520	
75		300	2.1	525	
80		305	2.0 (5)	530	
85		310	1.9	535	
90		315	1.9 (4)	540	
95		320	2.0	545	
100		325	1.9 (3)	550	
105		330	2.0	555	
110		335	1.9 (2)	560	
115		340	2.1	565	
120		345	2.0 (1)	570	
125		350	1.5	575	
130	2.2 - WATER	355	1.8	580	1-245 - 2.1 - 50
135	2.1	360	1.6	585	2-315 - 2.0 - 60
140	2.0	365	1.5	590	3-225 - 2.0 - 60
145	1.6	370	1.8	595	4-315 - 2.2 - 60
150	1.6	375	1.7	600	5-305 - 2.2 - 60
155	1.4	380	1.3	605	6-295 - 2.6 - 60
160	1.3	385	1.3	610	7-285 - 2.3 - 60
165	1.4	390	1.2	615	8-275 - 2.2 - 60
170	1.9	395		620	9-260 - 2.1 - 58
175	1.9	400	7.0 - Drilled To	625	10-250 - 2.1 - 60
180	2.2	405		630	
185	2.0	410		635	
190	1.9	415		640	
195	1.5	420		645	
200	1.7	425		650	
205	1.9	430		655	
210	1.7	435		660	
215	1.8	440		665	
220	1.3	445		670	
225	1.2	450		675	

DRILLING CO**Drill No.**

3

DRILLER'S WELL LOG

S. P. No. Hartman #4 Date 4-13-88
Client Meridian Oil Co. Prospect _____
County SAN JUAN State New Mex.

If hole is a redrill or if moved from original staked position show distance and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
0	15	SOFT SANDSTONE
15	25	SANDY CLAY
25	105	Shale
105	130	SAND
130	145	Shale
145	250	SAND & Shale
250	380	Shale
380	400	SANDY Shale
		Water at 130 ft.

Mud _____ Bron _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: _____

Driller

Driller Lennie Brown