

#3R 30-045-26640
Com #5 30-045-26814
23 #1 30-045-09298

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 L Sec. 23 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced HARTMAN #3R, COM #5, 23 #1

cps 1934w

Elevation 5917' Completion Date 4/18/88 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. 120'

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: 365', 355', 345', 330', 305', 295', 285', 225', 215', 200'

Depths vent pipes placed: 396'

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.

**WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG**

COMP 4/15/58

Drilling Log (Attach Hereto) ☐

Completion Date 4/15/58

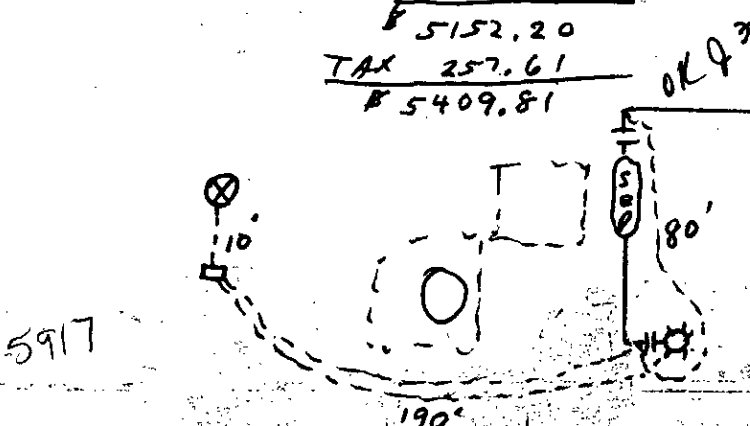
CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Class:
1934 W	Hartman #3R HARTMAN 23 #1	2685A 071091600	92 600 E	☒ Case ☐ Pipe
Location:	Anode Size:	Anode Type:	Size Bit:	
L-23-30-11	2" X 60"	Durion	6 3/16"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
400'	396'			
Anode Depth				
# 1 365	# 2 355	# 3 345	# 4 330	# 5 305
# 6 295	# 7 285	# 8 225	# 9 215	# 10 200
Anode Output (Amps)				
# 1 4.6	# 2 4.8	# 3 5.6	# 4 6.2	# 5 6.4
# 6 7.5	# 7 7.2	# 8 6.5	# 9 5.0	# 10 6.8
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 11.8	Amps 28.0	Ohms .42		

Remarks: WATER AT 120', Took WATER SAMPLE, INSTALLED 396' of 1" P.V.C. VENT pipe, perforated 300'.

6.B. 4674.00 ✓
 Rectifier Size: 40V 16A 669.00 ✓
 Addn'l Depth: —
 Depth Credit: —104' -364.00 ✓
 Extra Cable: 230' 55.20 ✓
 Ditch & 1 Cable: 280' 196.00 ✓
~~51' H & 2 Cable:~~
 25' Meter Pole: —
 20' Meter Pole: 1 297.00 ✓
 10' Stub Pole: —
 Junction Box: 1 225.00 ✓
 \$ 5152.20
 TAX 257.61
 \$ 5409.81

All Construction Completed

JE Stiller
(Signature)



(505) 325-1948

Date

Company Meridian Oil

Well No. 4414 Czn Location

- Volts Applied 11.80

Amperes 230

5		230	2.0	455		680	
10		235	1.8	460		685	
15		240	1.5	465		690	
20		245	1.6	470		695	
25		250	1.5	475		700	
30		255	1.2	480		705	
35		260	1.4	485		710	
40		265	1.5	490		715	
45		270	1.4	495		720	
50		275	1.6	500		725	
55		280	1.6	505		730	
60		285	2.0 - ⑦	510		735	
65		290	2.0	515		740	
70		295	2.1 - ⑥	520		745	
75		300	1.9	525		750	
80		305	2.1 - ⑤	530		755	
85		310	2.0	535		760	
90		315	1.8	540		765	
95		320	1.8	545		770	1-365-2.3-7.1
100		325	1.7	550		775	2-355-2.2-8.3
105		330	2.2 - ④	555		780	3-345-2.2-9.1
110		335	1.9	560		785	4-330-2.0-6.2
115		340	1.9	565		790	5-305-2.3-6.4
120	2.3	345	2.1 - ⑤	570		795	6-295-2.2-7.5
125	2.3	350	2.0	575		800	7-285-2.0-7.2
130	2.4	355	2.2 - ②	580		805	8-225-2.2-6.6
135	2.2	360	2.1	585		810	9-215-2.1-5.8
140	2.2	365	2.3 - ①	590		815	10-200-2.4-5.5
145	2.0	370	1.4	595		820	
150	2.1	375	0.7	600		825	
155	1.9	380	1.5	605		830	
160	1.6	385	2.0	610		835	
165	1.4	390	1.2	615		840	
170	1.6	395	396 - T.P.	620		845	
175	1.5	400	Drilled To	625		850	
180	1.3	405		630		855	
185	1.5	410		635		860	
190	2.0	415		640		865	
195	1.8	420		645		870	
200	2.2 - ⑩	425		650		875	
205	2.0	430		655		880	
210	1.8	435		660		885	
215	2.2 - ⑨	440		665		890	
220	2.1	445		670		895	
225	2.0 - ⑧	450		675		900	

D. CRASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Hartman Cam #3 Date 4-17-88
Client Meridian Oil Co. Prospect _____
County SAN JUAN State New Mexico

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

FROM	TO	FORMATION — COLOR — HARDNESS
0	30	Shale
30	50	Soft Sandstone
50	85	Shale
85	130	SAND
130	180	Shale
180	200	SAND
200	240	Shale
240	300	SANDY Shale
300	375	Shale
375	400	Soft Sandstone
		Water at 120 Ft.

Mud _____ Brn _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: _____

Driller Ronnie Brown