

1444

30-039-23801

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 D Sec. 36 Twp 25 Rng 2Name of Well/Wells or Pipeline Serviced HILL FEDERAL #3

cps 4292w

Elevation 7378' Completion Date 8/21/87 Total Depth 280' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 30' & 100' NO SAMPLEDepths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 245', 235', 215', 205', 195', 185', 175', 160', 150', 135'Depths vent pipes placed: 275'Vent pipe perforations: 240'Remarks: gb. #1**RECEIVED**

MAY 31 1991

OIL CON. DIST. ?

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.

MERIDIAN OIL

FM-07-0238 (Rev. 10-82)

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☒

Completion Date 8-21-87

CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins Union Check
4292-w	HILL FEDERAL #3		600 N = .77	☒ Good ☐ Bad
Location	Anode Size:	Anode Type:	Size Bit:	
D 36-25-2	2" x 60"	Duriron	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs Coke Used	Lost Circulation Mat'l Used
280'	269'			
Anode Depth				
# 1 245'	# 2 235'	# 3 215'	# 4 205'	# 5 195'
# 6 185'	# 7 175'	# 8 160'	# 9 150'	# 10 135'
Anode Output (Amps)				
# 1 6.2	# 2 6.4	# 3 4.6	# 4 4.5	# 5 5.1
# 6 5.1	# 7 5.2	# 8 6.2	# 9 6.0	# 10 4.6
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 12.2	Amps 23.7	Ohms .51		

Remarks: DRILLED TO 280'; LOGGED 269'. DRILLER SAID WATER
AT 30' + 100'; NO SAMPLE. INSTALLED 275' OF 1" PVC
VENT PIPE; PERFORATED BOTTOM 240'

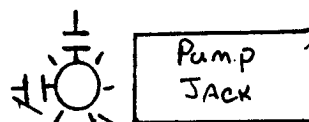
Rectifier Size: 40 v 16 A
Addn'l Depth: _____
Depth Credit: 231' ✓
Extra Cable: 130 ✓
Ditch & 1 Cable: 130 ✓
Ditch & 2 Cable: 100 ✓
25' Meter Pole: 1
20' Meter Pole: _____
10' Stub Pole: _____
Junction Box: 1

4300.00 ✓
- 924.00 ✓ 3376.00
32.50 ✓
50.70 ✓
52.00 ✓
305.00 ✓
40. (GROUND BED)

3856.20 ○
192.81
4049.01

All Construction Completed

W. J. Williams
(Signature)



4292-w

7378

BURGT CORROSION SYSTEMS, IC.

P.O. BOX 1359 PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date 8-24-87

Company Meridian Co.

Well No. H.F. #3 Location D 36-25-2

Volts Applied 12.2 Amperes 23.5

5		230	1.8	455		680	0245-2.2-6.6
10		235	1.9 ✓	460		685	0235-1.9-6.4
15		240	1.9	465		690	0215-1.4-4.1
20		245	2.0 ✓	470		695	0205-1.5-4.5
25		250	1.7	475		700	0195-1.5-5.1
30		255	1.3	480		705	0185-1.5-5.1
35		260	1.3	485		710	0175-1.7-5.1
40		265	1.6 TA269	490		715	0160-1.7-6.6
45		270		495		720	0150-1.7-6.6
50		275		500		725	0135-1.6-4.6
55		280		505		730	
60		285		510		735	
65		290		515		740	
70		295		520		745	
75		300		525		750	
80	1.7	305		530		755	
85	1.1	310		535		760	
90	1.9	315		540		765	
95	1.4	320		545		770	
100	1.5	325		550		775	
105	1.4	330		555		780	
110	1.6	335		560		785	
115	1.5	340		565		790	
120	1.0	345		570		795	
125	1.2	350		575		800	
130	1.7	355		580		805	
135	1.7 ✓	360		585		810	
140	1.6	365		590		815	
145	1.4	370		595		820	
150	1.8 ✓	375		600		825	
155	2.1	380		605		830	
160	2.0 ✓	385		610		835	
165	1.6	390		615		840	
170	1.8	395		620		845	
175	1.9 ✓	400		625		850	
180	1.6	405		630		855	
185	1.7 ✓	410		635		860	
190	1.8	415		640		865	
195	1.8 ✓	420		645		870	
200	1.8	425		650		875	
205	1.6 ✓	430		655		880	
210	1.4	435		660		885	
215	1.6 ✓	440		665		890	
220	1.4	445		670		895	
225	1.5	450		675		900	

IPS 4292W

Formations

Well Name HILLFORD #3 Q S S 6 T 2 R 25
Company Name METROPOLITAN OIL CO

[illegible]

Anode Depth									
01	02	03	04	05	06	07	08	09	010
Anode Output (Amps)									
01	02	03	04	05	06	07	08	09	010
Anode Depth									
011	012	013	014	015	016	017	018	019	020
Anode Output (Amps)									
011	012	013	014	015	016	017	018	019	020
Total Circuit Resistance					No. 8 C.P. Cable Used			No. 2 C.P. Cable Used	
Volts		Amps		Ohms		Coke Breeze			

All Construction Completed

Signature

GROUND BED LAYOUT SKETCH

Date..

Remarks:

WAT is sample 30ft

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