

1446

30-039-23852

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 G Sec. 25 Twp. 25 Rng. 2

Name of Well/Wells or Pipeline Serviced HILL FEDERAL #2Y

cps 4290w

Elevation 7452' Completion Date 8/24/87 Total Depth 310' 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. 100' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 250', 240', 230', 220', 200', 170', 160', 150', 130', 120'

Depths vent pipes placed: 285'

Vent pipe perforations: 180'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST. 3

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)

Completion Date 8-24-87

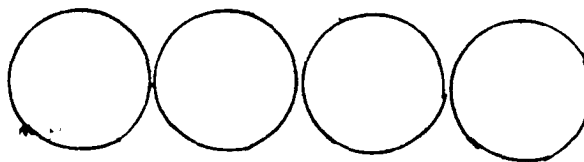
CPS #	Well Name, Line or Plant:	Work Order #	Status:	Ins. Union Check
4290-w	Hill FEDERAL #2-Y			☐ Good ☒ Bad
Location: <u>NE 25-25-2</u>	Anode Size: <u>2" x 60"</u>	Anode Type: <u>Duriron</u>	Size Bit: <u>6 3/4"</u>	
Depth Drilled: <u>310'</u>	Depth Logged: <u>281'</u>	Drilling Rig Time	Total Lbs. Coke Used	Loss Circulation Mat l Used
No. Sacks Mud Used				
Anode Depth				
# 1 <u>250'</u>	# 2 <u>240'</u>	# 3 <u>230'</u>	# 4 <u>220'</u>	# 5 <u>200'</u>
# 6 <u>170'</u>	# 7 <u>160'</u>	# 8 <u>150'</u>	# 9 <u>130'</u>	# 10 <u>120'</u>
Anode Output (Amps)				
# 1 <u>3.6</u>	# 2 <u>4.0</u>	# 3 <u>4.7</u>	# 4 <u>4.4</u>	# 5 <u>2.7</u>
# 6 <u>3.7</u>	# 7 <u>4.5</u>	# 8 <u>3.1</u>	# 9 <u>3.4</u>	# 10 <u>4.0</u>
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				
Volts <u>12.2</u>	Amps <u>16.8</u>	Ohms <u>73</u>	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used

Remarks: DRILLED TO 310'; LOGGED 281'. DRILLER SAID WATER AT 100' NO SAMPLE. INSTALLED 285' OF 1" PVC VENT PIPE PERFORATED BOTTOM 180'. NEED 2-2" INSULATED UNION FOR WELL HEAD.

Rectifier Size: 40 v 16 A
 Addn'l Depth: _____
 Depth Credit: 219' ✓
 Extra Cable: 30' ✓
 Ditch & 1 Cable: 30' ✓
 Ditch & 2 Cable: 150'
 25' Meter Pole: 1
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

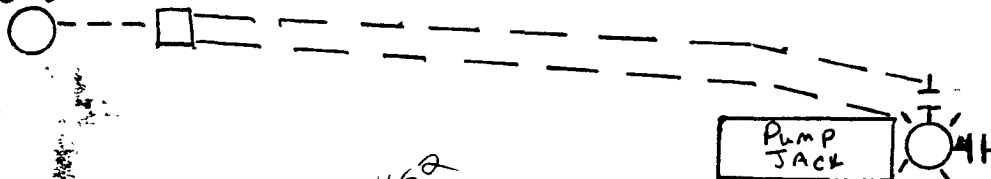
Mahl R. Willh
 (Signature)



300.00 ✓
 - 876.00 ✓
7.50 ✓ 3424.00
 11.70 ✓
 18.00 ✓
 305.00 ✓
 40.00 ✓

3806.20
 193.31

4059.51

GROUND 4290-w
BED

7452

Date 8-24-87

Company MERIDIAN OIL

Well No. H.F. #2-Y

Location NE 25-25-2

Volts Applied 12.2 ^{.73}

Amps 16.8

Watts Applied		Amperes	
5		230	1.7
10		235	1.6
15		240	1.6
20		245	1.6
25		250	1.2
30		255	1.6
35		260	1.5
40		265	1.6
45		270	1.5
50		275	2.0 TD28
55		280	
60		285	
65		290	
70		295	
75		300	
80		305	
85		310	
90		315	
95		320	
100		325	
105	9	330	
110	1.2	335	
115	1.3	340	
120	1.6	345	
125	1.7	350	
130	1.5	355	
135	.8	360	
140	.6	365	
145	.7	370	
150	1.3	375	
155	1.5	380	
160	1.7	385	
165	1.6	390	
170	1.3	395	
175	.9	400	
180	.5	405	
185	.5	410	
190	.5	415	
195	.8	420	
200	1.2	425	
205	1.2	430	
210	.6	435	
215	1.3	440	
220	1.5	445	
225	1.7	450	
		455	
		460	
		465	
		470	
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		665	
		670	
		675	
		680	0.250 1.6-3.0
		685	0.250 1.7-4.0
		690	0.250 1.9-4.0
		695	0.220 1.7-4.4
		700	0.200 1.2-2.5
		705	0.170 1.5-3.0
		710	0.160 1.8-4.0
		715	0.150 1.5-3.0
		720	0.130 1.7-3.0
		725	0.120 1.8-4.0
		730	
		735	
		740	D1-240
		745	D2 50
		750	
		755	
		760	
		765	
		770	
		775	
		780	
		785	
		790	
		795	
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		820	
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		860	
		865	
		870	
		875	
		880	
		885	
		890	
		895	
		900	

H. 11 CPS 4290 u
LOCAL 24

Formations

Well Name

Company Name

HOLE DEPTH 310'

[illegible]

Anode Depth									
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Output (Amps)									
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
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. 6 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts	Amps	Ohms	Coke Breeze						

All Construction Complete

Signature

GROUND BED LAYOUT SKETCH

Date _____

Remarks:

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