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30-039-23754

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 C Sec. 24 Twp 25 Rng 2Name of Well/Wells or Pipeline Serviced HILL FEDERAL #1

cps 4191w

Elevation 7468' Completion Date 8/26/87 Total Depth 320' 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. 100' NO SAMPLEDepths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 250', 240', 230', 220', 210', 200', 190', 165', 150', 135'Depths vent pipes placed: 285'Vent pipe perforations: 260'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 8-26-87

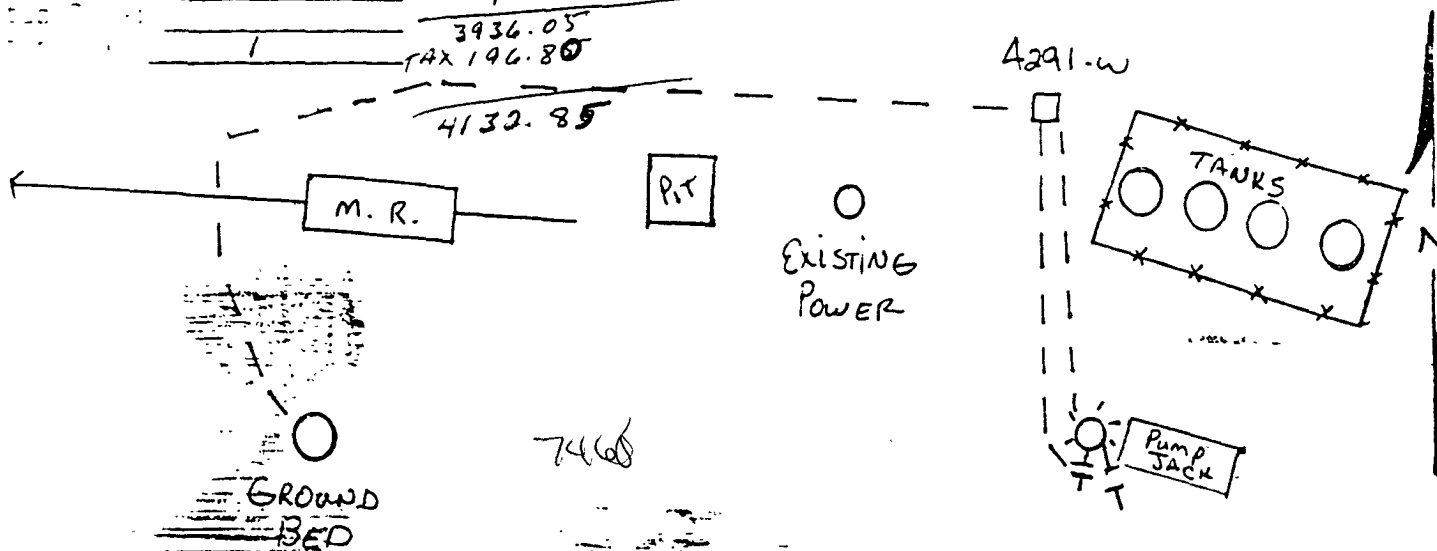
CPS #	Well Name, Line or Plant	Work Order #	State	Ins. Union Check
4291-w	Hill FEDERAL #1			☐ Good ☒ Bad
Location	Anode Size	Anode Type	Size Bit	
C24-25-2	2" x 60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Cable Used	Lost Circulation Mat. Used
320'	280'			
Anode Depth				
#1 250'	#2 240'	#3 230'	#4 220'	#5 210'
#6 200'	#7 190'	#8 165'	#9 150'	#10 135'
Anode Output (Amps)				
#1 3.6	#2 3.3	#3 3.5	#4 4.2	#5 4.9
#6 4.9	#7 3.7	#8 4.4	#9 3.5	#10 3.7
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 19.1	Ohms .64		

Remarks: DRILLED TO 320'; LOGGED 280'. DRILLER SAID WATER
AT 100'; NOT ENOUGH FOR SAMPLE. INSTALLED 285' OF 1" PVC
VENT PIPE; PERFORATED BOTTOM 260'

Rectifier Size: <u>40 v</u> <u>16 A</u>	4300.00
Add'l Depth: _____	- 880.00 ✓
Depth Credit: <u>220</u> ✓	750 ✓
Extra Cable: <u>30</u> ✓	107.25 ✓
Ditch & 1 Cable: <u>275</u> ✓	57.20 ✓
Ditch & 2 Cable: <u>110</u>	305.00 ✓
25' Water Pole: <u>1</u>	40.00 ✓
10' Water Pole: _____	3936.05
TAX 196.80	4132.85

All Construction Completed

M. Williams
(Signature)



Date: 8-26-87

Well No. H.F. #1 Location C24-25-2 Volts Applied 12.2 ²⁴ Amperes 19.1

5		230	1.6	455		680	① 250 - 2.1 - 3.6
10		235	1.8	460		685	② 240 - 2.0 - 3.2
15		240	1.8	465		690	③ 230 - 1.8 - 3.5
20		245	1.6	470		695	④ 220 - 1.9 - 4.2
25		250	1.8	475		700	⑤ 210 - 1.7 - 4.0
30		255	1.9	480		705	⑥ 200 - 1.7 - 4.0
35		260	1.6	485		710	⑦ 190 - 1.7 - 3.5
40		265	1.7	490		715	⑧ 165 - 1.6 - 4.2
45		270	1.9	495		720	⑨ 150 - 1.6 - 3.5
50		275	2.1 280'	500		725	⑩ 135 - 1.6 - 3.5
55		280		505		730	
60		285		510		735	
65		290		515		740	
70		295		520		745	01 - 27.5
75		300		525		750	02 - 110
80		305		530		755	
85		310		535		760	
90		315		540		765	
95		320		545		770	
100	.7	325		550		775	
105	1.2	330		555		780	
110	1.2	335		560		785	
115	1.2	340		565		790	
120	1.2	345		570		795	
125	1.0	350		575		800	
130	1.3	355		580		805	
135	1.3	360		585		810	
140	1.2	365		590		815	
145	1.1	370		595		820	
150	1.3	375		600		825	
155	1.2	380		605		830	
160	1.2	385		610		835	
165	1.2	390		615		840	
170	1.3	395		620		845	
175	.9	400		625		850	
180	.7	405		630		855	
185	.8	410		635		860	
190	1.3	415		640		865	
195	1.7	420		645		870	
200	1.7	425		650		875	
205	1.8	430		655		880	
210	1.4	435		660		885	
215	1.5	440		665		890	
220	1.9	445		670		895	
225	1.8	450		675		900	

Aztec, New Mexico 87410

Formations

Well Name

Company Name

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T

R L W

Company Name MELIPIAN NE/NW, Sec 4, T25N, R2W

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			Ohms		No. 8 C.P. Cable Used			No. 2 C.P. Cable Used	
Volts		Amps		Ohms		Cable Breaks			

All Construction Completed

Signature

GROUND BED LAYOUT SKETCH

Date

Remarks:

Water Sample AT 100ft

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