

3197

E

30-045-26546

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 K Sec. 32 Twp 27 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #228E
cps 1984w

Elevation 6135' Completion Date 8/1/88 Total Depth 300' Land Type* N/A

Casing, Sizes, Types & Depths NONE SET

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. 25. NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 230', 220', 210', 200', 185', 175', 164', 145', 115', 105'

Depths vent pipes placed: 305'

Vent pipe perforations: 280'

Remarks: gb #1

RECEIVED
MAY 31 1991

OIL CON. DIV. 1

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 8-1-88

CPS #		Well Name, Line or Plant		Work Order #		Static:		Ins Union Check	
1984 W		Hull Lane 228 E		54551A		100W = 846		☒ Good ☐ Bad	
Location: K32-27-10		Anode Size: 2" x 60"		Anode Type: Division		Size Bit: 6 3/4"			
Depth Drilled: 300'		Depth Logged: 300'		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
Anode Depth									
# 1 230'	# 2 220	# 3 210	# 4 200	# 5 185	# 6 175	# 7 165	# 8 145	# 9 115	# 10 105
Anode Output (Amps)									
# 1 8.6	# 2 9.0	# 3 6.6	# 4 6.2	# 5 6.1	# 6 5.9	# 7 6.2	# 8 3.5	# 9 5.6	# 10 5.8
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 11.95		Amps 26.7		Ohms .44					

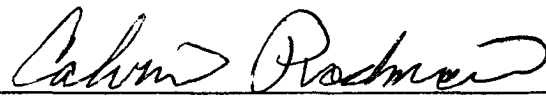
Remarks:

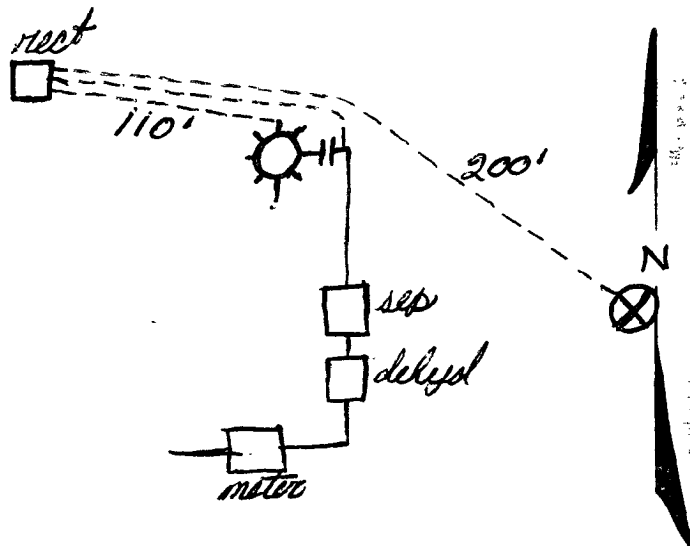
Static water was at 25' No water sample. No surface casing. Installed 305' of 1" PVC vent pipe, bottom 280' perforated

Rectifier Size: 40 V 16 A 669.00
 Addn'l Depth: 200' @ 3.50 = 700.00 ✓
 Extra Cable: 140' @ .24 = 33.60 ✓
 Ditch & 1 Cable: 200' @ .70 = 140.00 ✓
 25' Meter Pole: 297.00
 20' Meter Pole: 10 @ 297.00 = 297.00
 10' Stub Pole: 225.00 ✓
 1 function box 4738.60
 tax 236.93
4975.53 OK

GROUND BED LAYOUT SKETCH

All Construction Completed


 (Signature)



635

WELL TYPE GROUNDED DATA

DATA SHEET NO. _____

COMPANY Meridian Oil JOB NO. 1000 DATE: 8-1-84WELL: Huesfano Unit # 228 E PIPELINE: _____LOCATION: SEC 32 TWP. 27 RGE. 10 CO. San Juan STATE NMELEV. _____ FT: ROTARY 3000 FT: CABLE TOOL _____ FT: CASING _____GROUNDED: DEPTH 300 FT. DIA. 6 3/4 IN. GAS 3000 LBS. ANODES 10-2" x 16" Type D

DEPTH, FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH TOP OF ANODE
		E	I	R				
30	water 25		1.6					
5			1.6					
40			3.2					
5			3.2					
50			3.3					
5	Shale		3.2					
60			3.2					
5			3.1					
70			3.0					
5			3.2					
80	sand		3.3					
5			2.9					
90			1.9					
5			1.1					
100			.8					
5	Shale		2.5		2.0	5.8	10	105
10			2.8					
5			2.7		2.8	5.6	9	115
20			1.5					
5			1.1					
30	Shale + Sand		1.0					
5			.7					
40			.8			2.5		
5			2.1		2.5		8	145
50			2.0					
5			1.3					
60			1.7					
5			2.9		3.3	6.2	7	165
70			2.8					
5			2.7		3.0	5.9	6	175
80			2.8					
5			2.8		3.3	6.1	5	185
90			2.5					
5			2.6					
200			2.9		3.3	6.2	4	200
5			2.7					
10			2.9		3.0	6.6	3	210
5			2.8					
20			3.3		3.8	9.0	2	220
5			3.3					
30	SAND		2.7		3.6	8.6	1	230
5			1.9					
40			1.2					

GROUNDED RESISTANCE: (1) VOLTS 11.95 - AMPS 26.7 - OHMS 44

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A. LUKENS COMPANY

DATA SHEET NO.

GROUNDSED: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANCHORS _____

(2) VIBROGROUND _____ CMMS

4. LUKE'S COMPANY

Darrell Crass DRILLING CO.

Drill No. 3

1984

DRILLER'S WELL LOG

S. P. No. HUCIFANO #228F Date 8-1-88
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	20	Shale
20	40	SAND
40	90	Shale
90	110	SAND
110	125	Shale
125	140	SANDSTONE
140	150	Shale
150	160	SANDSTONE
160	240	Shale
240	300	SANDSTONE

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 25'

Driller Lennie Brown