

1324

27- 30-045-05786
135E- 30-045-26304

E

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 NE Sec. 23 Twp 26 Rng 9Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #27, #135Ecps 1835wElevation 6370' Completion Date 8/12/87 Total Depth 400' 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. 220' SAMPLE TAKENDepths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 375', 365', 330', 315', 280', 270', 260', 250', 240', 230'Depths vent pipes placed: N/AVent pipe perforations: 200'Remarks: gb #1RECEIVED
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.

MERIDIAN OIL

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

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

Drilling Log (Attach Hereto) ☐Completion Date 8-12-87

CPS #

Well Name, Line or Plant:

Work Order #

Static:

Ins. Union Check:

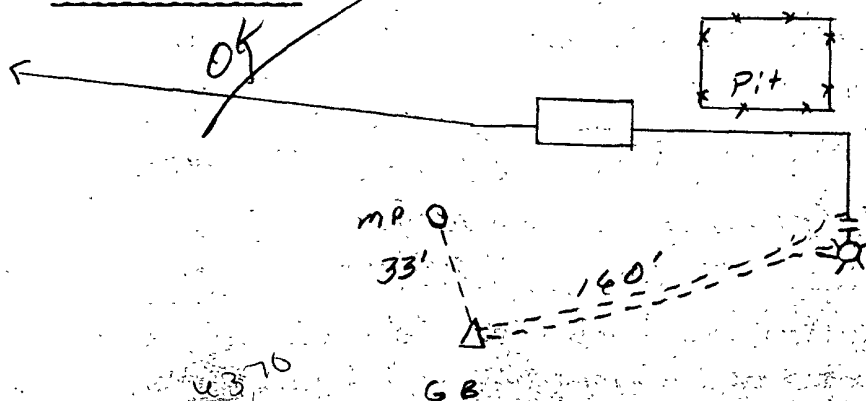
1835W		Huertano 135 E		H 23-26-09		.86 NE		☒ Good ☐ Bad	
		Huertano 27		A 23-26-09					
		71-1601							
Location: NE23-26-9		Anode Size: 2" x 60"		Anode Type: Duriron		Size Bit: 6 3/4"			
Depth Drilled: 400		Depth Logged: 391		Drilling Rig Time: 6 hrs		Total Lbs. Coke Used:		Loss Circulation Mat'l Used:	
No. Sacks Mud Used:									
Anode Depth:		# 1 375		# 2 365		# 3 330		# 4 315	
		# 5 280		# 6 270		# 7 260		# 8 250	
		# 9 240		# 10 230					
Anode Output (Amps):		# 1 3.8		# 2 3.9		# 3 5.3		# 4 5.5	
		# 5 5.1		# 6 5.2		# 7 6.0		# 8 6.2	
		# 9 5.4		# 10 3.8					
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:		Volts 12.05		Amps 25		Ohms .48		No. 8 C.P. Cable Used:	
								No. 2 C.P. Cable Used:	

Remarks: Driller said water was at 220'. Vent pipe is perforated up to 200'.
(WATER SAMPLE TAKEN.)

Rectifier Size: 60 V 28 A 4300.1
Addn'l Depth: -436.00V 3864.00
Depth Credit: 109 ✓ 7.50
Extra Cable: 30 ✓ 12.87
Ditch & 1 Cable: 33 ✓ 83.20
Ditch & 2 Cable: 160 ✓ 305.00
25' Meter Pole: 305.00 40.00
20' Meter Pole: 4312.57
10' Stub Pole: 215.63
Junction Box: 40.00 4528.20

All Construction Completed

Randy Smith
(Signature)



Date 8-12-87

Company

Meridian 0.1

Well No.

Location

Huerta 135EP 27

- Volts Applied

12:05

Ampere

25

		Volts Applied		Amperes			
5		230	2.1 ✓ 10	455	0.3 7.5 2.7	680	3.8
10		235	2.1	460	0.3 6.5 2.8	685	3.9
15		240	2.2 ✓ 9	465	0.3 3.0 2.9	690	5.3
20		245	2.3	470	0.3 1.5 2.8	695	5.5
25		250	2.3 ✓ 8	475	0.2 8.0 2.7	700	5.1
30		255	2.1	480	0.2 7.0 2.7	705	5.2
35		260	2.1 ✓ 7	485	0.2 6.0 2.6	710	6.0
40		265	2.2	490	0.2 5.0 2.7	715	6.2
45		270	2.3 ✓ 6	495	0.2 4.0 2.8	720	5.4
50		275	2.2	500	0.2 3.0 2.5	725	3.8
55		280	2.1 ✓ 5	505		730	
60		285	1.6	510		735	
65		290	1.4	515		740	
70		295	1.2	520		745	
75		300	.9	525		750	
80		305	1.7	530		755	
85		310	2.4	535		760	
90		315	2.2 ✓ 4	540		765	
95		320	1.9	545		770	
100		325	2.2	550		775	
105		330	2.2 ✓ 3	555		780	
110		335	2.0	560		785	
115		340	1.3	565		790	
120		345	.8	570		795	
125		350	.8	575		800	
130		355	1.7	580		805	
135		360	2.0	585		810	
140		365	2.1 ✓ 2	590		815	
145		370	2.2	595		820	
150		375	2.1 ✓ 1	600		825	
155		380	1.8	605		830	
160		385	1.8	610		835	
165		390	1.8	615		840	
170		395	TD 39.1	620		845	
175		400		625		850	
180		405		630		855	
185		410		635		860	
190		415		640		865	
195		420		645		870	
200	8	425		650		875	
205	9	430		655		880	
210	1.1	435		660		885	
215	7	440		665		890	
220	8	445		670	1	895	
225	1.6	450		675		900	

1835W API WATER ANALYSIS REPORT FORM

Company MERIDIAN OIL COMPANY		Sample No. 4	Date Sampled 8-13-87
Field Huerfano	Legal Description		County or Parish San Juan
State NM			
Lease or Unit	Well Huerfano 135E	Depth 230	Formation
Type of Water (Produced, Supply, etc.) Ground bed		Sampling Point ground bed	Water, B/D
		Sampled By RS	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	375	16.3
Calcium, Ca	3.2	.2
Magnesium, Mg	0	0
Barium, Ba		

OTHER PROPERTIES

pH	9.11
Specific Gravity, 60/60 F.	1.0031
Resistivity (ohm-meters) F.	7.90
conductivity	10 ⁵ umho

Total Dissolved Solids (calc.)

1230

ANIONS

Chloride, Cl	7.0	.2
Sulfate, SO ₄	479	10.0
Carbonate, CO ₃	13.5	.5
Bicarbonate, HCO ₃	356	5.8
Hydroxide OH	0	0

Iron, Fe (total)
Sulfide, as H₂S

0

REMARKS & RECOMMENDATIONS:

