

1325

E

136E 30-045-26241

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 L Sec. 21 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #136E

cps 1836w

Elevation 6416' Completion Date 8/20/87 Total Depth 440' 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. 220' NO SAMPLE

Depths gas encountered: N/A

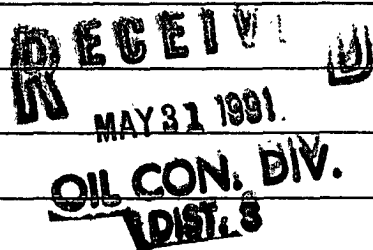
Type & amount of coke breeze used: N/A

Depths anodes placed: 415', 405', 365', 345', 300', 260', 250', 240', 230', 220'

Depths vent pipes placed: N/A

Vent pipe perforations: 220'

Remarks: gb #1



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.

✓ J Comp 9-1-87

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

9537401

Completion Date 8-20-87

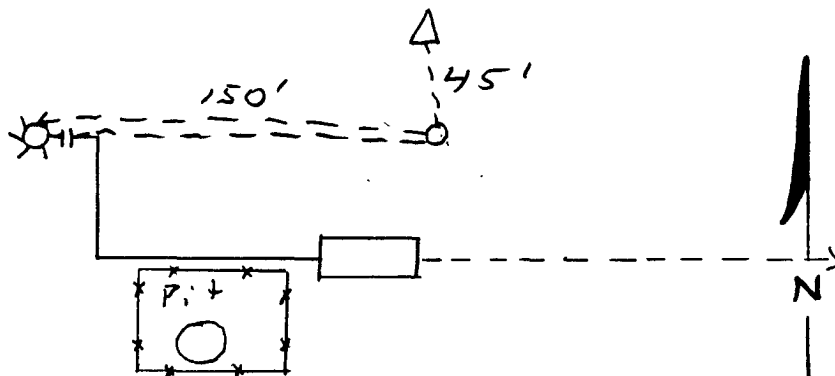
CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins. Union Check
1836W	Huertano 136 E		92 NE.	☒ Good ☐ Bad
Location: L SW 21-26-9 Anode Size: 2" x 60' Anode Type: Duriron Size Bit: 6 3/4				
Depth Drilled: 440'	Depth Logged: 428'	Drilling Rig Time: 6 hrs	Total Lbs. Coke Used: 6 hrs	Lost Circulation Mat'l Used: Elev. 6416
Anode Depth				
# 1 415	# 2 405	# 3 365	# 4 345	# 5 300
# 6 260	# 7 250	# 8 240	# 9 230	# 10 220
Anode Output (Amps)				
# 1 3.9	# 2 5.5	# 3 3.2	# 4 3.6	# 5 5.6
# 6 5.3	# 7 7.3	# 8 7.2	# 9 7.2	# 10 4.5
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 26.2 Ohms .46				

Remarks: Driller said water is at 220'. Vent pipe is perforated up to 220'. No water sample was taken.

Rectifier Size: 40 V 10 A 4300 ✓
 Addn'l Depth: 288 ✓
 Depth Credit: 72 ✓ 4012.00
 Extra Cable: 30' ✓ 7.50 ✓
 Ditch & 1 Cable: 45' ✓ 17.55 ✓
 Ditch & 2 Cable: 150' ✓ 78.00 ✓
 25' Meter Pole:
 20' Meter Pole:
 10' Stub Pole: 150.00 ✓
 Junction Box: 40.00 ✓
 4305.05
 Tx 215.25
 4520.30

All Construction Completed

Randy Smith
(Signature)



6414

MERIDIAN OIL

P. O. BOX 4289-Phone 327-0251
FARMINGTON, NM

Date 8-20-87

DEEP WELL GROUND BED LOG

Meridian Oil

Company _____

Well No. _____

Location Huerfano 136 E

Volts Applied 12.2

Amperes 26.2

5		230	2.4	✓	⑤	455	② 415	2.5	680	3.9		
10		235	2.4	✓		460	② 405	2.8	685	5.5		
15		240	2.3	✓	⑧	465	③ 365	1.9	690	3.2		
20		245	2.3	✓		470	④ 345	1.8	695	3.4		
25		250	2.4	✓	②	475	⑤ 300	2.7	700	5.6		
30		255	2.1	✓		480	⑥ 260	2.9	705	5.3		
35		260	2.0	✓	④	485	⑦ 250	3.2	710	7.3		
40		265	1.3			490	⑧ 240	2.3	715	7.2		
45		270	1.0			495	⑨ 230	3.3	720	7.2		
50		275	.7			500	⑩ 220	2.2	725	4.3		
55		280	.6			505			730			
60		285	.6			510			735			
65		290	1.2			515			740			
70		295	2.0			520			745			
75		300	2.1	✓	⑤	525			750			
80		305	1.9			530			755			
85		310	1.0			535			760			
90		315	.5			540			765			
95		320	.7			545			770			
100		325	.9			550			775			
105		330	1.2			555			780			
110		335	1.0			560			785			
115		340	1.3			565			790			
120		345	1.5	✓	④	570			795			
125		350	1.3			575			800			
130		355	1.2			580			805			
135		360	1.3			585			810			
140		365	1.6	✓	③	590			815			
145		370	1.6			595			820			
150		375	.4			600			825			
155		380	.5			605			830			
160		385	.4			610			835			
165		390	.4			615			840			
170		395	.5			620			845			
175		400	1.6			625			850			
180		405	2.1	✓	②	630			855			
185		410	2.0	✓		635			860			
190		415	2.0	✓	①	640			865			
195		420	1.6			645			870			
200	2.3	425	1.1			650			875			
205	2.2	430	2.4	2.8		655			880			
210	1.9	435				660			885			
215	1.7	440				665			890			
220	1.9	445				670			895			

BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410

1836 W

COMPANY Meridian DAILY DRILLING REPORT 8-20 1987

WELL NAME: <u>Huerfano</u>	WELL NUMBER: <u>136 E</u>	SECTION: <u>21</u>	TOWNSHIP: <u>26 N</u>	RANGE: <u>9 W</u>
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WATER AT: <u>120, 220, 280, 380</u>	FEET: <u>6 3/4</u>	HOLE MADE: <u>440 FT</u>
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DESCRIPTION OF FORMATION			
FROM	TO	FORMATION IS	COLOR
0	30	Sand	tan
30	50	Sandstone	tan
50	120	Shale	Purple-Grey
120	130	Water sand	Grey
130	220	Sandy Shale	Grey
220	230	Water sand	Grey
230	280	Shale	Purple-Grey
280	310	Water sand	Grey
310	350	Sandstone - Water sand	Grey
350	380	Sandstone	Grey
380	410	Water sand	Grey
410	440	Shale	Grey

REMARKS: lots of sand from 300 - 400, Pumped Quick Gel into water sand from 300 - 320 & let it set over night.
Brent Burr Driller Tool Dresser