

3933

30-045-26237

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 D Sec. 6 Twp 25 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #188E

cps 185lw

Elevation 6719' Completion Date 9/1/87 Total Depth 400' 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. 140' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 315', 290', 280', 270', 260', 240', 230', 220', 210', 200'

Depths vent pipes placed: 365'

Vent pipe perforations: 280'

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: 9-1-87

CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins. Union Check
1851-w	HUERFANO # 188-E		600 SW = .82	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
D6-25-9	2" x 60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Loss Circulation Mat'l Used
400'	360'			
Anode Depth				
# 1 315'	# 2 390'	# 3 320'	# 4 370'	# 5 260'
# 6 240'	# 7 230'	# 8 220'	# 9 210'	# 10 200'
Anode Output (Amps)				
# 1 4.2	# 2 5.3	# 3 6.2	# 4 5.8	# 5 6.6
# 6 4.7	# 7 7.8	# 8 7.6	# 9 6.6	# 10 5.9
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 12.1	Amps 57.4	Ohms .44	NO ELEVATION	

Remarks: DRILLED TO 400'; LOGGED 360'. DRILLER SAID WATER AT 140' NO SAMPLE. INSTALLED 365' OF 1" P.C. VENT; PERFORATE BOTTOM 580'

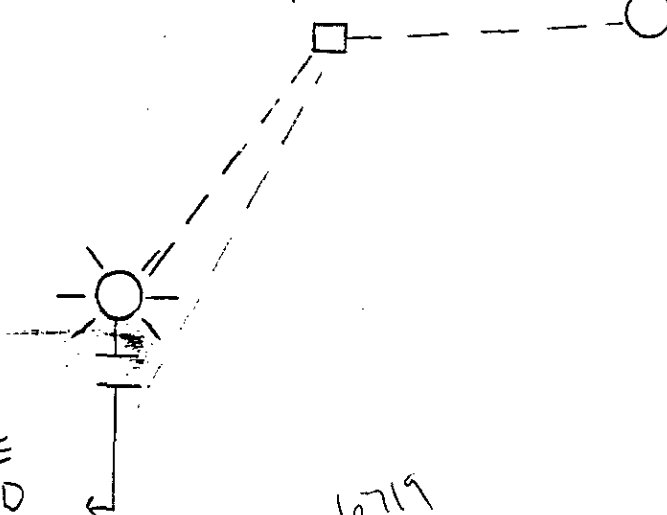
Rectifier Size: 40 v 16 A
 Addn'l Depth: _____
 Depth Credit: 140' ✓
 Extra Cable: 30' ✓
 Ditch & 1 Cable: 65' ✓
 Ditch & 2 Cable: 120
 25' Meter Pole: _____
 20' Meter Pole: _____
 15' Meter Pole: _____

All Construction Completed

M. L. R. Williams
 (Signature)

GROUND BED

1851-w



PIPELINE
NOT LAID
YET

6719

4300.00 ✓
 - 500.00 ✓
 7.50 ✓
 55.35 ✓
 62.40 ✓
 40.00 ✓
 150.00 ✓
 4225.25
 201.26
 4426.51

Date 7-1-87

DEEP WELL GROUND BED LOG

MERIDIAN 0.1

274

Volts Applied		Amperes	
5	230	2.3	455
10	235	2.7	460
15	240	2.5	465
20	245	2.0	470
25	250	1.2	475
30	255	2.4	480
35	260	2.6	485
40	265	2.6	490
45	270	2.7	495
50	275	2.8	500
55	280	2.9	505
60	285	2.9	510
65	290	2.5	515
70	295	1.6	520
75	300	1.3	525
80	305	1.1	530
85	310	1.6	535
90	315	2.3	540
95	320	1.8	545
100	325	.9	550
105	330	.7	555
110	335	.7	560
115	340	1.7	565
120	345	2.7	570
125	350	2.8	575
130	355	2.9	580
135	360	2.9 TD 360	585
140	365		590
145	370		595
150	375		600
155	380		605
160	385		610
165	390		615
170	395		620
175	400		625
180	405		630
185	410		635
190	415		640
195	420		645
200	425		650
205	430		655
210	435		660
215	440		665
220	445		670
225	450		675
230			
235			
240			
245			
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640			
645			
650			
655			
660			
665			
670			
675			
680	① 315-2.8	4.2	
685	② 290-3.0	5.3	
690	③ 280-3.4	6.2	
695	④ 270-3.2	5.8	
700	⑤ 260-3.1	6.6	
705	⑥ 240-3.1	4.7	
710	⑦ 230-3.5	7.8	
715	⑧ 220-3.5	7.6	
720	⑨ 210-3.1	6.6	
725	⑩ 200-3.1	5.9	
730			
735			
740			
745	D1 6.5		
750	D2 120		
755			
760			
765			
770			
775			
780			
785			
790			
795			
800			
805			
810			
815			
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825			
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835			
840			
845			
850			
855			
860			
865			
870			
875			
880			
885			
890			
895			
900			

**BURGE
CORROSION SYSTEMS**

301 Ash St.
Aztec, New Mexico 87410

CHL 181W

*CPS
1851W*

Formations

Wall Name HVERFAND 1882 S 6 T 25 R 9
Company Name _____

FOOTINGS			WATER	SHALE	SAND	SAND STONE	SEMI CLAY	CLAY	GRAVEL	ROCK	CASED
0	120	SAND									
120	130	SHALE SAND									
130	140	SAND SHALE									
140	150	SAND									
150	160	SHALE									
160	170	SAND									
170	180	SHALE SAND									
180	190	SAND SHALE									
190	200	SAND SHALE BENTONITE									
200	210	SHALE TR. SAND									
210	220	SAND ST. DAVE SHALE									
220	230	SHALE SAND									
230	240	SAND STONE SHALE									
240	250	SHALE									
250	260	SAND STONE SHALE									

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. 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:

