

3925

30-045-26260

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 M Sec. 31 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #166E

cps 1843w

Elevation 6664' Completion Date 9/3/87 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. 90' & 160' NO SAMPLE

Depths gas encountered: N/A

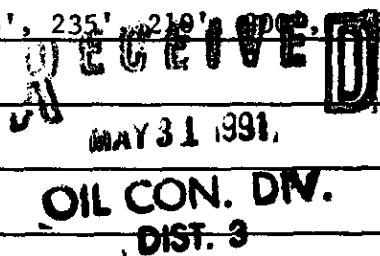
Type & amount of coke breeze used: N/A

Depths anodes placed: 320', 310', 300', 265', 255', 245', 235', 210', 190', 170', 150', 130', 110', 90', 70', 50', 30', 10'

Depths vent pipes placed: 350'

Vent pipe perforations: 300'

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.

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

 comp
 9-4-87
Drilling Log (Attach Hereto) ☒

Completion Date 9-3-87

CPS #	Well Name, Line or Plant:	Work Order #	Scale:	Ins. Union Check
1843.W	HUFFERANO #166-E		600' N = .84	☒ Good ☐ Bad
Location	Anode Size:	Anode Type:	Size Bit:	
M31-26-9	2" x 60"	Puriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Texas Lbr. Cables Used	Loss Circulation Mat'l Used
400'	345'			
Anode Depth				
# 1 320'	# 2 310'	# 3 300'	# 4 265'	# 5 255'
# 6 245'	# 7 235'	# 8 210'	# 9 200'	# 10 175'
Anode Output (Amps)				
# 1 6.2	# 2 7.7	# 3 7.7	# 4 7.2	# 5 7.4
# 6 7.0	# 7 6.8	# 8 6.5	# 9 6.2	# 10 6.0
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 30.6	Ohms .395	ELEVATION = 6664	

Remarks: DRILLED TO 400'; LOGGED 345'. DRILLER SAID WATER AT 90' + 160'; NOT ENOUGH FOR SAMPLE. INSTALLED 350' OF 1" PVC VENT PIPE; PERFORATED BOTTOM 300'

Rectifier Size: 40 V 16 A
 Addn'l Depth: _____
 Depth Credit: 155' ✓
 Extra Cable: 30' ✓
 Ditch & 1 Cable: 10' ✓
 Ditch & 2 Cable: 120' ✓
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: 1' ✓
 Junction Box: 1' ✓

GROUND BED

All Construction Completed

 M. D. Williams
 (Signature)


1843.W



#166-E

N

6664

4300.00
 - 620.00 ✓
 7.50 ✓
 3.90 ✓
 62.40 ✓
 150.00 ✓
 40.00
 3943.80
 197.19
 4140.99 ✓

BURGT CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date 9-3-87

Company MERIDIAN Oil

Well No. 166-E Location M 31-26-9

Volts Applied 12.1 Amperes .395 30.6

5		230	1.0		455		680	① 320 - 3.7 - 6.2
10		235	2.6		460		685	② 310 - 3.5 - 7.7
15		240	2.9		465		690	③ 300 - 3.5 - 7.7
20		245	2.9		470		695	④ 265 - 3.3 - 7.2
25		250	2.8		475		700	⑤ 255 - 3.5 - 7.4
30		255	3.1		480		705	⑥ 245 - 3.5 - 7.0
35		260	3.1		485		710	⑦ 235 - 3.2 - 6.8
40		265	2.9		490		715	⑧ 210 - 3.2 - 6.5
45		270	2.5		495		720	⑨ 200 - 3.2 - 6.2
50		275	1.4		500		725	⑩ 175 - 3.1 - 6.0
55		280	.7		505		730	
60		285	.5		510		735	
65		290	1.8		515		740	
70		295	2.8		520		745	
75		300	3.0		525		750	
80		305	2.9		530		755	
85		310	3.1		535		760	
90		315	2.9		540		765	
95		320	2.9		545		770	
100		325	2.9		550		775	
105		330	2.5		555		780	
110		335	2.4		560		785	
115		340	2.6		565		790	
120		345	2.6	TO 345	570		795	
125		350			575		800	
130		355			580		805	
135		360			585		810	
140		365			590		815	
145		370			595		820	
150		375			600		825	
155	1.1	380			605		830	
160	1.4	385			610		835	
165	2.2	390			615		840	
170	2.6	395			620		845	
175	2.7	400			625		850	
180	2.6	405			630		855	
185	2.4	410			635		860	
190	1.8	415			640		865	
195	2.4	420			645		870	
200	2.8	425			650		875	
205	3.0	430			655		880	
210	2.8	435			660		885	
215	2.5	440			665		890	
220	2.3	445			670		895	
225	1.4	450			675		900	

**BURGE
CORROSION SYSTEMS**

301 Ash St.
Aztec, New Mexico 87410

CPS *843W* *1843W*

Shooting 766 E

Formations

Well Name

HUETZMAN 1576

S *031* T *25* R *9*

Company Name

FOOTINGS			WATER	SHALE	SAND	SAND STONE	HEAVY CRITE	CLAY	GRAVEL	ROCK	OTHER
110	110	SAND									
110	130	SHALE SAND									
120	130	SAND STONE									
130	150	SAND SHALE									
150	170	SAND									
170	180	SHALE SAND									
180	280	SHALE SAND CLAY									
280	290	SAND									
290	300	SHALE SAND									
300	340	SHALE SAND									
340	350	SAND SHALE									
350	380	SHALE SAND									
380	400	SAND									

Anode Depth									
01	02	03	04	05	06	07	08	09	1010
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						No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts	Amps	Ohms	Cable Breaks						

All Construction Completed
Paul H. H. H.
Signature

GROUND BED LAYOUT SKETCH

Date

Remarks:

