

#215E

3941

30-045-26243

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. 9 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #215E
cps 1859w

Elevation 6664' Completion Date 9/18/87 Total Depth 400' Land Type* N/A

Casing, Sizes, Types & Depths 80' OF PVC CASING

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. 120' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 340', 330', 320', 310', 300', 290', 280', 270', 260', 250'

Depths vent pipes placed: N/A

Vent pipe perforations: 290'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV.]
[DIST. 9

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 9-18-87

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check																																																																																								
1859W	4urstone 215 E		81 NW	☒ Good ☐ Bad																																																																																								
Location: <u>SW 9-26-10</u>		Anode Size: <u>2" x 60"</u>	Anode Type: <u>Duriron</u>	Size Bit: <u>6 3/4</u>																																																																																								
Depth Drilled: <u>400</u>	Depth Logged: <u>371</u>	Drilling Rig Time: <u>6 hrs</u>	Total Lbs. Coke Used:	Lost Circulation Mat'l Used:																																																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Anode Depth</td> <td colspan="2">Anode Output (Amps)</td> <td colspan="2">Anode Dec'n</td> <td colspan="2">Anode Output (Amps)</td> </tr> <tr> <td># 1</td><td>340</td> <td># 1</td><td>5.9</td> <td># 11</td><td></td> <td># 11</td><td></td> </tr> <tr> <td># 2</td><td>330</td> <td># 2</td><td>6.8</td> <td># 12</td><td></td> <td># 12</td><td></td> </tr> <tr> <td># 3</td><td>320</td> <td># 3</td><td>6.7</td> <td># 13</td><td></td> <td># 13</td><td></td> </tr> <tr> <td># 4</td><td>310</td> <td># 4</td><td>6.5</td> <td># 14</td><td></td> <td># 14</td><td></td> </tr> <tr> <td># 5</td><td>300</td> <td># 5</td><td>5.5</td> <td># 15</td><td></td> <td># 15</td><td></td> </tr> <tr> <td># 6</td><td>290</td> <td># 6</td><td>6.4</td> <td># 16</td><td></td> <td># 16</td><td></td> </tr> <tr> <td># 7</td><td>280</td> <td># 7</td><td>6.5</td> <td># 17</td><td></td> <td># 17</td><td></td> </tr> <tr> <td># 8</td><td>270</td> <td># 8</td><td>6.0</td> <td># 18</td><td></td> <td># 18</td><td></td> </tr> <tr> <td># 9</td><td>260</td> <td># 9</td><td>5.7</td> <td># 19</td><td></td> <td># 19</td><td></td> </tr> <tr> <td># 10</td><td>250</td> <td># 10</td><td>6.6</td> <td># 20</td><td></td> <td># 20</td><td></td> </tr> </table>					Anode Depth		Anode Output (Amps)		Anode Dec'n		Anode Output (Amps)		# 1	340	# 1	5.9	# 11		# 11		# 2	330	# 2	6.8	# 12		# 12		# 3	320	# 3	6.7	# 13		# 13		# 4	310	# 4	6.5	# 14		# 14		# 5	300	# 5	5.5	# 15		# 15		# 6	290	# 6	6.4	# 16		# 16		# 7	280	# 7	6.5	# 17		# 17		# 8	270	# 8	6.0	# 18		# 18		# 9	260	# 9	5.7	# 19		# 19		# 10	250	# 10	6.6	# 20		# 20	
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Total Circuit Resistance: <u>11.7</u> Volts		Amps: <u>22.3</u>		Ohms: <u>5.3</u>																																																																																								
		No. 8 C.P. Cable Used:		No. 2 C.P. Cable Used:																																																																																								

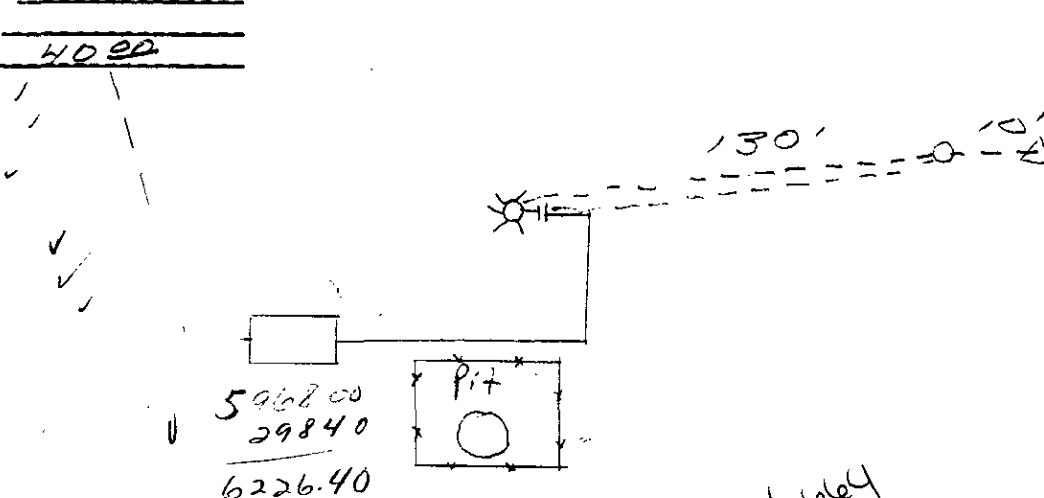
Remarks: Water is at 120'. Vent pipe is perforated up to 110'. Had to set 80' of casing (P.U.C.) Approx. 1 1/2 hrs to drill and set the casing. No water sample was taken.

Rectifier Size: 60 V 28 A
 Addn'l Depth: 129' ✓
 Depth Credit: 30' ✓
 Extra Cable: 10' ✓
 Ditch & 1 Cable: 130' ✓
 Ditch & 2 Cable: 305' 00"
 25' Meter Pole: 40' 00"
 20' Meter Pole: 40' 00"
 10' Stub Pole: 40' 00"
 Junction Box: 40' 00"

All Construction Completed

Handy Smith
(Signature)

Casing



BURGL CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date 9-18-87

Company Meridian D.I.

Well No. 215 E Location Huerfano

Volts Applied 11.7

Amperes 22.3

5		230	1.5	455	① 340	3.1	680		FINALS
10		235	1.7	460	② 330	3.6	685	① 5.9	
15		240	2.3	465	③ 320	3.3	690	② 6.8	
20		245	2.2	470	④ 310	3.2	695	③ 6.7	
25		250	2.4	475	⑤ 300	3.2	700	④ 6.5	
30		255	2.1	480	⑥ 290	3.3	705	⑤ 5.5	
35		260	2.1	485	⑦ 280	3.3	710	⑥ 6.4	
40		265	2.4	490	⑧ 270	3.1	715	⑦ 6.5	
45		270	2.1	495	⑨ 260	3.0	720	⑧ 6.0	
50		275	2.4	500	⑩ 250	3.3	725	⑨ 5.7	
55		280	2.2	505			730	⑩ 6.6	
60		285	2.3	510			735		
65		290	2.3	515			740		
70		295	2.1	520			745		
75		300	2.2	525			750		
80		305	2.2	530			755		
85		310	2.2	535			760		
90		315	2.2	540			765		
95		320	2.2	545			770		
100		325	2.2	550			775		
105		330	2.2	555			780		
110		335	2.3	560			785		
115		340	2.1	565			790		
120	2.1	345	2.1	570			795		
125	2.3	350	2.2	575			800		
130	2.2	355	2.0	580			805		
135	2.2	360	2.2	585			810		
140	2.3	365	2.2	590			815		
145	2.4	370	TD 371	595			820		
150	2.6	375		600			825		
155	2.4	380		605			830		
160	2.3	385		610			835		
165	2.1	390		615			840		
170	2.1	395		620			845		
175	2.2	400		625			850		
180	2.0	405		630			855		
185	1.9	410		635			860		
190	2.1	415		640			865		
195	2.2	420		645			870		
200	2.3	425		650			875		
205	2.3	430		655			880		
210	2.3	435		660			885		
215	2.2	440		665			890		
220	2.1	445		670			895		
225	2.0	450		675			900		

