

#63 30-045-06058

#223 30-045-20834

5187

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NW Sec. 4 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #63, #223

cps 949w

Elevation 6179' Completion Date 9/28/87 Total Depth 340' 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. 160'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON DIA
DIS

Type & amount of coke breeze used: N/A

Depths anodes placed: 295', 275', 265', 245', 235', 215', 205', 195', 185', 175'

Depths vent pipes placed: 325' OF 1" PVC VENT PIPE

Vent pipe perforations: BOTTOM 200'

Remarks: qb #2

* Gb #1 + Gb #2 *sl*

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 CASHING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☒Completion Date 9-28-87

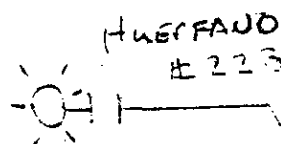
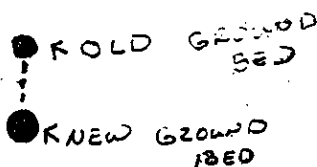
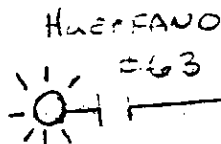
CPS #	Well Name, Line or Plant:	Work Order #	State:	Ins. Union Check
949-W	HUEFFAUO # 63	E 04-26-10	RE-DRILL	☒ Good ☐ Bad
	HUEFFAUO # 223	F 04-26-10		
Location:	Anode Size:	Anode Type:	Size Bit:	
NW 4-26-10	2" x 60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Cable Used	Lost Circulation Mat'l Used
340'	320'			
Anode Depth				
# 1 295'	# 2 275'	# 3 265'	# 4 245'	# 5 235'
# 6 215'	# 7 205'	# 8 195'	# 9 185'	# 10 175'
Anode Output (Amps)				
# 1 5.0	# 2 4.5	# 3 4.6	# 4 5.2	# 5 5.0
# 6 3.7	# 7 5.0	# 8 5.4	# 9 5.1	# 10 5.5
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	
Volts 12.0			ELEVATION 6710'	
Amps 19.4			Ohms .62	
			No. 2 C.P. Cable Used	

Remarks: Drilled to 340'; LOGGED 320'. DRILLER SAID WATER AT 160' BUT NOT ENOUGH FOR SAMPLE. INSTALLED 385' OF 1" PVC VENT PIPE; PERFORATED BOTTOM 200'

Rectifier Size: — V — A
 Add'l Depth: —
 Depth Credit: 180' ✓
 Extra Cable: 10' ✓
 Ditch & 1 Cable: 40'
 Ditch & 2 Cable: —
 25' Water Pole: —
 30' Water Pole: —
 10' Water Pole: —
1

All Construction Completed

M. J. Wells
(Signature)



3300.
 - 220. ✓
 2.50 ✓
 15.60 ✓
 40.00
 3638.10
 TAX 181.96
 3820.06

949-W

BURGE CORROSION SYSTEMS, INC.

CPS 949W

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

COMPANY Meridian DAILY DRILLING REPORT 9-28 19 87

WELL NAME: <u>Huerfano</u>	WELL NUMBER: <u>223</u>	SECTION: <u>4</u>	TOWNSHIP: <u>26 N</u>	RANGE: <u>10 W</u>
WATER AT: <u>160 ft</u>		FEET: <u>6 3/4</u>	HOLE MADE: <u>340 ft</u>	

DESCRIPTION OF FORMATION

FROM	TO	FORMATION IS	COLOR
0	10	Sand	Brown
10	40	Shale	Grey-Purple
40	60	Sandstone	tan
60	80	Shale	dk Grey
80	90	Sand	tan
90	150	Sandstone	Grey & tan
150	160	Shale	dk Grey
160	180	water sand	lt Grey
180	240	Shale	purple
240	250	water sand	md Grey
250	340	Shale	dk Grey
		T.D. 340 ft	

REMARKS: _____

Brent Burn Driller Tool Dresser

BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date 9-28-87

Company MERIDIAN OIL

Well No. 4-263-223 Location E 4-26-10

Volts Applied 12.0 Amperes 19.4

5		230	1.9	455		680	① 29.5'-2.7.5c
10		235	2.3	460		685	② 27.5'-2.6.4c
15		240	2.3	465		690	③ 26.5'-2.5.4c
20		245	2.4	470		695	④ 24.5'-3.1.5c
25		250	2.2	475		700	⑤ 23.5'-2.6.5c
30		255	1.8	480		705	⑥ 21.5'-2.3.3c
35		260	1.6	485		710	⑦ 20.5'-2.5.5c
40		265	2.1	490		715	⑧ 19.5'-2.5.5c
45		270	2.3	495		720	⑨ 18.5'-2.5.5c
50		275	2.1	500		725	⑩ 17.5'-2.7.5c
55		280	1.6	505		730	
60		285	1.5	510		735	
65		290	2.1	515		740	
70		295	2.2	520		745	
75		300	2.3	525		750	D-1 = 40'
80		305	2.2	530		755	
85		310	2.1	535		760	
90		315	1.8	540		765	
95		320		545		770	
100		325		550		775	
105		330		555		780	
110		335		560		785	
115		340		565		790	
120		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		380		605		830	
160	1.1	385		610		835	
165	1.2	390		615		840	
170	1.9	395		620		845	
175	2.2	400		625		850	
180	2.0	405		630		855	
185	2.2	410		635		860	
190	2.2	415		640		865	
195	2.1	420		645		870	
200	2.2	425		650		875	
205	2.1	430		655		880	
210	2.0	435		660		885	
215	2.0	440		665		890	
220		445		670		895	
225		450		675		900	