

185- 30-045-20394
242- 30-045-21222

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator MERIDIAN OIL CO. Location: Unit 0 Sec. 12 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO # 185 & 242

Elevation _____ Completion Date 8/8/90 Total Depth 300 Land Type _____

Casing Strings, Sizes, Types & Depths 18 ft. 8" PVC casing

If Casing Strings are cemented, show amounts & types used _____

If Cement or Bentonite Plugs have been placed, show depths & amounts used _____

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. _____

Depths gas encountered: _____

Ground bed depth with type & amount of coke breeze used: _____

3300 lbs. of Ashbury Petroleum Coke

Depths anodes placed: 270, 260, 250, 240, 230, 220, 210, 200 190, 180

Depths vent pipes placed: 300 ft.

Vent pipe perforations: 180 ft. perforated

Remarks: _____

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 8-8-90

CPS #	Well Name, Line or Plant:	Work Order #	Seal:	Ins. Union Check
963-W	HURFANO # 185			☒ Good ☐ Bad
	HURFANO # 242			
Location:	Anode Size:	Anode Type:	Size Bit:	
012-26-10	2" X 60"	ANOTEC	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
300'	290'		3300 #	
Anode Depth				
# 1 270	# 2 260	# 3 250	# 4 240	# 5 230
# 6 220	# 7 210	# 8 200	# 9 190	# 10 180
Anode Output (Amps)				
# 1 5.5	# 2 6.1	# 3 6.0	# 4 4.7	# 5 5.9
# 6 5.8	# 7 6.2	# 8 5.8	# 9 4.4	# 10 4.8
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 12.3	Amps 16.7	Ohms .73		

Remarks: 8-7-90 Driller said water at 25', Next AM could no blow water. 8-8-90 Driller said wet at 120', waited 30 minutes, could not blow water. Started inject. at 120', did not get water sample. Ran 300' of 1" VENT P. Pipe, Perforated 180' of VENT Pipe. Left COKE BREEZ AT APPROXIMATELY 140'

Rectifier Size: _____ V _____ A
 Addn'l Depth: _____
 Depth Credit: _____
 Extra Cable: 10
 Ditch & 1 Cable: 35'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

Willie L. Wright Jr.
(Signature)

GROUND BED LAYOUT SKETCH

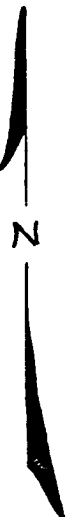
G.B. #1

HURFANO # 242

RECEIVED
AUG 28 1990
OIL CON. DIV.
DIST. 3

G.B. #2
35'
Rectifier

HURFANO # 185



CONSTRUCTION LOGGING HEADINGS

CPS #: 763-W WELL NAME: Hurricane UNIT 195 + 242 LOCATION: 012-2610 DATE: 8-8-90

TOTAL VOLTS: 12.3 TOTAL AMPS: 16.7 OHMS RESISTANCE: .73

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	1.3		365			545			1	270	2.3	5.5
10			190	1.3	9	370			550			2	260	2.4	6.1
15			195	1.5		375			555			3	250	2.3	6.0
20			200	1.6	8	380			560			4	240	1.8	4.7
25			205	1.7		385			565			5	230	2.6	5.9
30			210	1.7	7	390			570			6	220	1.8	5.8
35			215	1.7		395			575			7	210	2.4	6.2
40			220	1.6	6	400			580			8	200	2.4	5.8
45			225	1.7		405			585			9	190	1.8	4.4
50			230	1.8	5	410			590			10	180	1.8	4.8
55			235	1.5		415			595						
60			240	1.4	4	420			600						
65			245	1.5		425			605						
70			250	1.6	3	430			610						
75			255	1.8		435			615						
80			260	1.7	2	440			620						
85			265	1.7		445			625						
90			270	1.6	1	450			630						
95			275	1.7		455			635						
100			280	1.7		460			640						
105			285	1.8		465			645						
110			290	1.8	TD	470			650						
115			295			475			655						
120	1.1		300			480			660						
125	1.0		305			485			665						
130	1.1		310			490			670						
135	1.5		315			495			675						
140	1.3		320			500			680						
145	1.4		325			505			685						
150	1.5		330			510			690						
155	1.4		335			515			695						
160	1.5		340			520			700						
165	1.5		345			525			705						
170	1.5		350			530			710						
175	1.5		355			535			715						
180	1.4	10	360			540			720						

REMARKS: 8-7-90 Driller said water at 25'. Next A.M. could NOT Blow water. 8-8-90 Driller said wet at 120'; waited 30 minutes, could not Blow water. Started injecting at 120'. did NOT get water sample

BURGE CORROSION SYSTEMS, INC.

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

COMPANY MERIDIAN OIL DAILY DRILLING REPORT 8-8 19 90

WELL NAME: Huerfano #242 Huerfano #185	WELL NUMBER: 185 & 242	SECTION: 12	TOWNSHIP: 26	RANGE: 10
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FEET:

HOLE MADE:

300'

DESCRIPTION OF FORMATION

[illegible]

REMARKS:

REMARKS: Had mud at 25' - Had water at 110' - 120'
Had to go to injection at 130' Drilled to 300'

Driller

Tool Dresser