

185-30-045-20 594  
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

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

cps 963w

Elevation 6566 Completion Date 8/8/90 Total Depth 300 Land Type N/A

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

If Casing Strings are 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: Fresh, Cle  
Salty, Sulphur, Etc. 20', WET AT 120'

Depths gas encountered: N/A

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: gb #2

RECEIVED  
MAY 31 1991  
OIL CON. DIV  
DIST 2

If any of the above data is unavailable, please indicate so. Copies of 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

#10

Drilling Log (Attach Hereto)

Completion Date: 8-8-90

CPS #		Well Name, Line or Plant:			Work Order #		Static:		Ins. Union Check		
963-W		HURFANO # 185							<input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad		
		HURFANO # 242									
Location		Anode Size:		Anode Type:		Size Bit:					
012-26-10		2" X 60"		ANOTPC		6 3/4					
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used		No. Sacks Mud Used	
300'		290'				3300 #					
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)		Total Circuit Resistance		No. 8 C.P. Cable Used	
# 1 270		# 1 5.5		# 11		# 11		Volts 12.3		No. 2 C.P. Cable Used	
# 2 260		# 2 6.1		# 12		# 12		Amps 16.7			
# 3 250		# 3 6.0		# 13		# 13		Ohms .73			
# 4 240		# 4 4.7		# 14		# 14					
# 5 230		# 5 5.9		# 15		# 15					
# 6 220		# 6 5.8		# 16		# 16					
# 7 210		# 7 6.2		# 17		# 17					
# 8 200		# 8 5.8		# 18		# 18					
# 9 190		# 9 4.4		# 19		# 19					
# 10 180		# 10 4.8		# 20		# 20					

Remarks: 8-7-90 Driller said water at 25', Next AM could not blow water. 8-8-90 Driller said wet at 120', waited 30 minutes, could not blow water. Started ins. at 120', did not get water sample. Ran 300' of 1" VENT Pipe, perforated 180' of VENT Pipe. Left coke breeze at approximately 140'

Rectifier Size: \_\_\_\_\_ V \_\_\_\_\_ A

Add'l Depth: \_\_\_\_\_

Depth Credit: \_\_\_\_\_

Extra Cable: \_\_\_\_\_ 10

Ditch & 1 Cable: \_\_\_\_\_ 35'

25' Meter Pole: \_\_\_\_\_

20' Meter Pole: \_\_\_\_\_

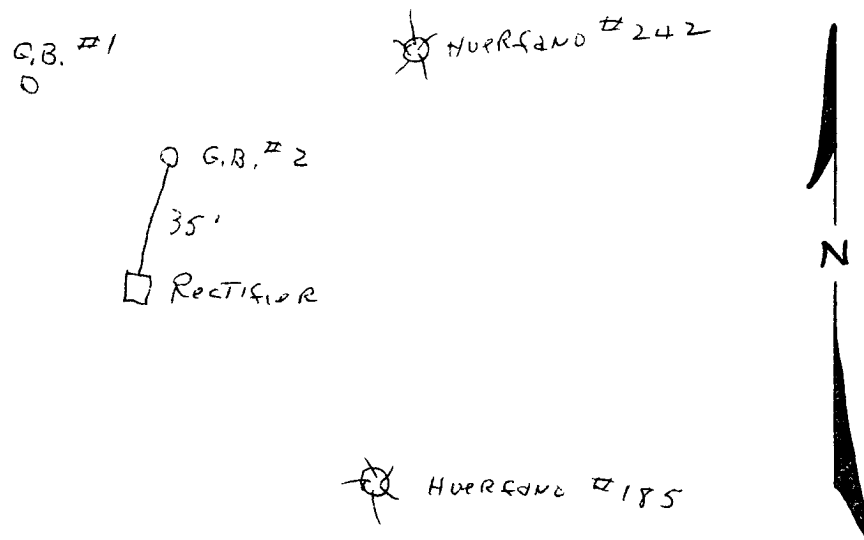
10' Stub Pole: \_\_\_\_\_

Junction Box: \_\_\_\_\_ 1

All Construction Completed

*Willis Knight Jr*  
(Signature)

GROUND BED LAYOUT SKETCH



EN. TEST NATIONAL GAS COMPANY  
CONSTRUCTION LOGGING READINGS

CPS #: 963-W WELL NAME: HURRCMO UNIT 195 + 247 LOCATION: 012-2640 DATE: 8-8-90

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

DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE No.	DEEP	LOG ANODE	ANODE No.	ANODE READINGS			
												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	T.D	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

