

93 - 30-045-05781
138 - 30-045-05788

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

Operator MERIDIAN OIL CO. Location: Unit 0 Sec. 22 Twp. 26 Rng. 9

Name of Well/Wells or Pipeline Serviced Herfano # 93 & # 138

Elevation _____ Completion Date 8/10/90 Total Depth 260 Land Type _____

Casing Strings, Sizes, Types & Depths 80 ft. 8" PVC Casing

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

3 sacks cement with calcium chloride

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. water sand @ 110 ft. approx 3 gpm

Depths gas encountered: _____

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

255 ft. with 3300 lbs Ashbury Petroleum Coke used.

Depths anodes placed: 240, 230, 220, 210, 200, 180, 170, 160, 150, 140

Depths vent pipes placed: 260 ft. of 1" PVC Vent pipe

Vent pipe perforations: Perforated 160 ft.

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 8-10-90

CPS #	Well Name, Line or Plant	Work Order #	Static:	Ins. Union Check
924-W	HURFANO # 93			☒ Good ☐ Bad
	HURFANO # 138			
Location:		Anode Size:	Anode Type:	Size Bit:
D22-26-9		2" X 60"	ANDTEC	6 3/4"
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
260'	255'		3300 ±	
Anode Depth				
# 1 240	# 2 230	# 3 220	# 4 210	# 5 200
# 6 180	# 7 170	# 8 160	# 9 150	# 10 140
Anode Output (Amps)				
# 1 3.3	# 2 4.4	# 3 4.7	# 4 5.3	# 5 4.9
# 6 3.1	# 7 5.0	# 8 4.4	# 9 4.2	# 10 6.5
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 12.3	Amps 15.7	Ohms .78		

Remarks: SET 80' of 8" PVC SURFACE PIPE - MIXED 3 SACKS CEMENT WITH calcium chloride and Poured AROUND SURFACE PIPE. DRILLER SAID WATER AT 110'. Ran 260' of 1" PVC VENT PIPE - PERFORATED 160' of VENT PIPE. Left COKE BREEZE APPROXIMATELY 100'.

Rectifier Size: _____ V _____ A
 Addn'l Depth: _____
 Depth Credit: _____
 Extra Cable: 10'
 Ditch & 1 Cable: 57'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: _____

All Construction Completed

William Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH

RECEIVED

AUG 28 1990

OIL CON. DIV.
DIST. 3

Rectifier

✱ #138

G.B. #2
57' G.B. #1

N

✱ #93

CONSTRUCTION LOGGING READINGS

MERIDON 0.1

CPS #: 924-W WELL NAME: HUPR (OND #93 +138) LOCATION: D22-26-9 DATE: 8-10-89

TOTAL VOLTS: 12.3 TOTAL AMPS: 15.7 OHMS RESISTANCE: 78

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
ANODE	NO.	NO.	ANODE	NO.	NO.	ANODE	NO.	NO.	ANODE	NO.	NO.			COKE	COKE
5			185	1.90		365			545			1	240	1.3	3.3
10			190	1.70		370			550			2	230	1.6	4.4
15			195	1.9		375			555			3	220	2.0	4.7
20			200	1.9	5	380			560			4	210	2.5	5.3
25			205	2.0		385			565			5	200	2.5	4.9
30			210	1.9	4	390			570			6	180	1.2	3.1
35			215	1.8		395			575			7	170	2.2	5.0
40			220	1.8	3	400			580			8	160	1.7	4.4
45			225	1.3		405			585			9	150	1.7	4.2
50			230	1.3	2	410			590			10	140	2.6	6.5
55			235	1.7		415			595						
60			240	1.1	1	420			600						
65			245	.60		425			605						
70			250	.60		430			610						
75			255	.60	TD	435			615						
80			260			440			620						
85			265			445			625						
90			270			450			630						
95			275			455			635						
100			280			460			640						
105			285			465			645						
110	1.8		290			470			650						
115	1.8		295			475			655						
120	1.4		300			480			660						
125	1.6		305			485			665						
130	2.1		310			490			670						
135	2.1		315			495			675						
140	2.0	10	320			500			680						
145	1.8		325			505			685						
150	1.0	9	330			510			690						
155	.90		335			515			695						
160	1.4	8	340			520			700						
165	2.0		345			525			705						
170	2.0	7	350			530			710						
175	1.5		355			535			715						
180	1.1	6	360			540			720						

REMARKS: SET 80' of 8" PVC SURFACE PIPE. DRILLER said
 WATER AT 110' MIXED 3 SACKS CEMENT AND POURED
 AROUND SURFACE PIPE. WAITED 25 MINUTES FOR CEMENT
 TO SET.

