

30-045-20256

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit F Sec. 14 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #179

cps 966w

Elevation 6660 Completion Date 7/27/88 Total Depth 380' Land Type* N/A

Casing, Sizes, Types & Depths 60' OF 8" PVC SURFACE 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. 150'

RECEIVED
MAY 31 1991.

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 345', 335', 320', 310', 300', 290', 270', 260', 250', 2

Depths vent pipes placed: 380' OF 1" PVC VENT PIPE

Vent pipe perforations: BOTTOM 280'

Remarks: gbv #2

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.

comp 7-29-88

Redwell Corp

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☒

Completion Date 7-27-88

CPS #		Well Name, Line or Plant:		Work Order #		Static:		Ins. Union Check:	
966W		Elmer's 1177		51715A				☒ Good ☐ Bad	
Location		Anode Size		Anode Type		Size Bit			
F 14-26-16		2" x 60'		Dunham		134			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
380'		375'							
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)			
# 1 345	# 2 335	# 3 320	# 4 310	# 5 300	# 6 290	# 7 270	# 8 260	# 9 250	# 10 235
# 1 5.2	# 2 6.9	# 3 6.2	# 4 6.6	# 5 7.0	# 6 7.3	# 7 6.8	# 8 6.9	# 9 6.8	# 10 6.2
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
# 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 12.0		Amps 99.8		Ohms .40					

Remarks: Driller said water to be at 150'. Installed 380' of 1" PVC vent pipe, bottom 380' perforated. Installed 60' of 8" PVC surface casing

G.B. 4074.00

Rectifier Size: 40 V 16 A

Add'l Depth

Depth Credit: 120' @ 3.50 = 420.00 ✓

Extra Cable: 10' @ .24 = 2.40 ✓

Ditch & 1 Cable: 240' @ .70 = 168.00 ✓

25' Meter Pole: 0

20' Meter Pole: 0

10' Stub Pole: 0

1 function box 225.00

60' surface casing 330.00 ✓

3.5 hrs rig time 483.00 ✓

4862.40

243.12

5105.52 OK

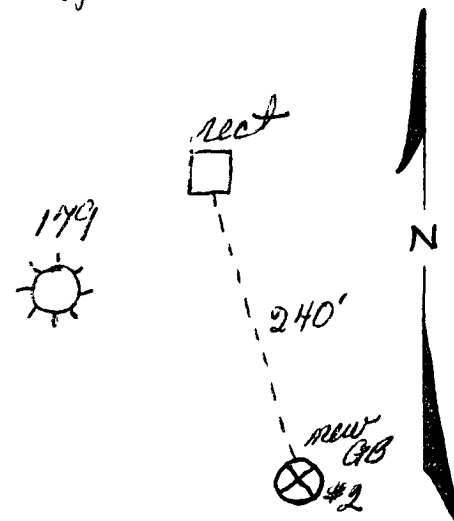
GROUND BED LAYOUT SKETCH

All Construction Completed

Calvin Redman

(Signature)

present G.B.



D. CRASS

DRILLING CO. *gum*

Drill No. 3

DRILLER'S WELL LOG

S. P. No. HUCFARM #179 Date 7-27-88
Client Meridian Oil Co. Prospect _____
County SAN JUAN State New Mex.

If hole is a redrill or if moved from original staked position show distance
and direction moved. _____

FROM	TO	FORMATION — COLOR — HARDNESS
0	40	SAND
40	50	Shale
50	85	SANDSTONE
85	140	SANDY SHALE
140	150	SAND
150	160	Shale
160	170	SAND
170	220	Shale
220	235	SAND
235	360	Shale
360	380	SANDSTONE

Mud _____ Bron _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 150'

Driller Lonnie Brown

14" PMF
5- Solid

WELL TYPE GROUNDED DATA

DATA SHEET NO. _____

COMPANY Meridian Oil JOB No. 13128 DATE: 7-27-88
WELL: Huerfano Unit # 179 PIPELINE: _____
LOCATION: SEC 14 TWP. 26 RGE. 10 CO. San Juan STATE NM
ELEV. 6660.66 FT: ROTARY 380 FT: CABLE TOOL ✓ FT: CASING 60
GROUNDED: DEPTH 380 FT. DIA. 6 3/4 IN. GAS 3800 LBS. ANODES 10-2"X160" Type D

DEPTH FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH TOP OF ANODE
		E	I	R				
150	First Water 150		2.3					
5			2.1					
60			2.3					
5			2.1					
70			2.0					
5			2.0					
80			2.1					
5			2.1					
90			2.2					
5			2.4					
200			2.2					
5			2.1					
10			1.7					
5			1.4					
20			1.4					
5			1.6					
30			2.2					
5			2.3		3.2	4.2	10	235
40			2.2					
5			2.2					
50			2.3		3.4	6.8	9	250
5			2.3					
60			2.2		3.2	6.9	8	260
5			2.2					
70			2.2		3.1	6.8	7	270
5			2.1					
80			2.0					
5	Shale		2.1					
90			2.2		3.1	7.3	6	290
5			2.2					
300			2.2		3.2	7.0	5	300
5			2.3					
10			2.3		3.1	6.6	4	310
5			2.2					
20			2.2		3.1	6.2	3	320
5			2.0					
30			2.1					
5			2.2		2.7	6.9	2	335
40			2.3					
5			2.2		2.9	5.2	1	345
50			2.0					
5			1.8					
360			1.0					

GROUNDED RESISTANCE: (1) VOLTS 12.0 - AMPS 29.8 - .40 OHMS

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A LUKENS COMPANY