

E

30-045-26245

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

Operator MERIDIAN OIL INC. Location: Unit K Sec. 24 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #4E

cps 1823w

Elevation 6595' Completion Date 9/2/87 Total Depth 360' 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. 130' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 325', 315', 285', 260', 250', 240', 230', 220', 210', 200'

Depths vent pipes placed: N/A

Vent pipe perforations: 260'

Remarks: gb #1

RECEIVED
MAY 01 1991
OIL CON. DIV.
DIST. 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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

JUMP
4-3-87

Drilling Log (Attach Hereto) ☐

95.68'

Completion Date 9-2-87

CPS #		Well Name, Line or Plant		Work Order #		Station		Ins. Union Check	
18230		Huerfano 4E				-88 N.E.		☒ Good ☐ Bad	
Location		Anode Size		Anode Type		Size Bit			
K 24-26-10		2" x 60"		Dipiron		6 3/4"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat l Used	
360'		352'		5 hrs					
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)			
# 1	325	# 2	315	# 3	285	# 4	260	# 5	250
# 6	240	# 7	230	# 8	220	# 9	210	# 10	200
# 1	4.0	# 2	5.7	# 3	6.3	# 4	6.2	# 5	6.8
# 6	6.6	# 7	5.8	# 8	6.4	# 9	6.1	# 10	5.8
# 11		# 12		# 13		# 14		# 15	
# 16		# 17		# 18		# 19		# 20	
Total Circuit Resistance		Volts		Amps		Ohms		No. 8 C.P. Cable Used	
		11.9		21.4		.56			

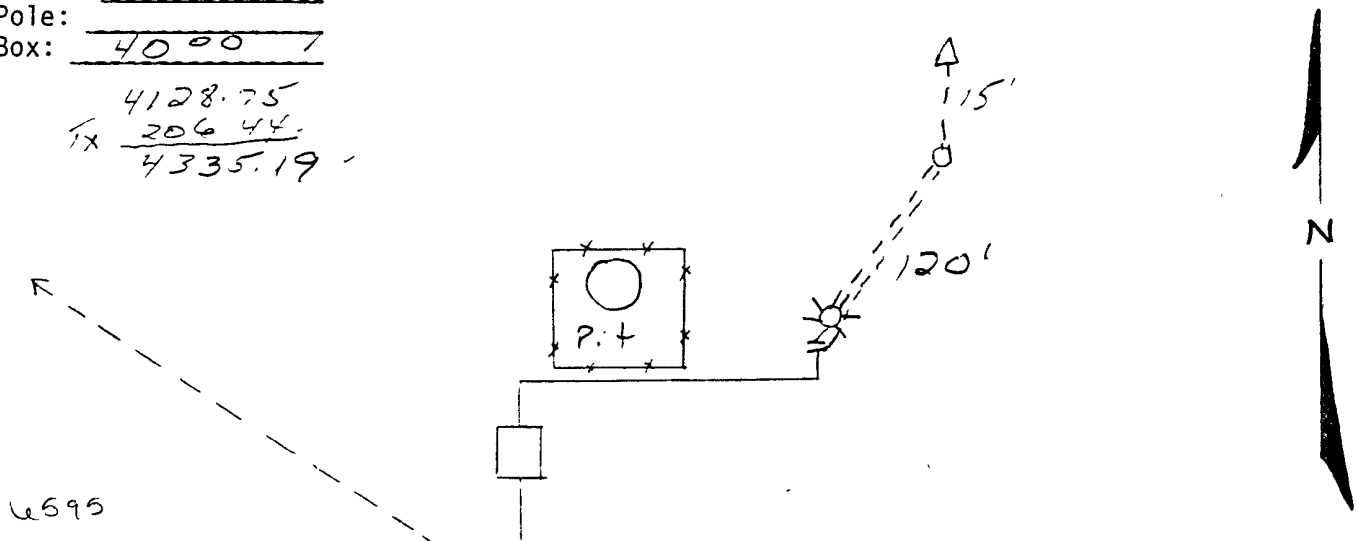
Remarks: Driller said water was at 130'. water sample was taken bent pipe is perforated up to 100'

Rectifier Size: 40 V 16 A
 Addn'l Depth: 4300
 Depth Credit: 148 ✓ -592 ✓
 Extra Cable: 30 ✓ 3768 ✓
 Ditch & 1 Cable: 15 ✓ 750 ✓
 Ditch & 2 Cable: 120 ✓ 585 ✓
 25' Meter Pole: 30500 ✓ 6240 ✓
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 4000 ✓

4128.75
 1x 20644.
 4335.19

All Construction Completed

Randy Smith
 (Signature)



P. O. BOX 4289-Phone 327-0251
FARMINGTON, NM

Date 9-2-87

DEEP WELL GROUND BED LOG

Company.

Meridian Oil (Buys Corrosion)

Well No. _____

Location

Huerfano. 4E

- Volts Applied

11.9**Amperes .**

21.4

[illegible]

BURGE CORROSION SYSTEMS, INC.

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

CPS 1823 W

COMPANY Meridian DAILY DRILLING REPORT 9-2, 1987

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
Huerfano	4E	24	26 N	10W

WATER AT:	FEET:	HOLE MADE:
130 ft		6 3/4 360 ft

DESCRIPTION OF FORMATION

[illegible]

REMARKS: Water sample at 130 ft.

Grant Burn Driller Tool Dresser



CPS 1823 W

API WATER ANALYSIS REPORT FORM

Company <u>Meridian Oil</u>		Sample No. <u>8</u>	Date Sampled <u>9-2-87</u>
Field <u>Huefano</u>	Legal Description	County or Parish	State
Lease or Unit	Well <u>Huefano #4E</u>	Depth <u>130'</u>	Formation <u>Ground bed</u>
Type of Water (Produced, Supply, etc.)		Sampling Point	Water, B/D
			Sampled By

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>676</u>	<u>29.4</u>
Calcium, Ca	<u>87.8</u>	<u>4.4</u>
Magnesium, Mg	<u>14</u>	<u>1.2</u>
Barium, Ba		

ANIONS

Chloride, Cl	<u>22.5</u>	<u>.6</u>
Sulfate, SO ₄	<u>1010</u>	<u>21.1</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>770</u>	<u>12.6</u>

OTHER PROPERTIES

pH	<u>7.84</u>
Specific Gravity, 60/60 F.	<u>1.0058</u>
Resistivity (ohm-meters) <u>72.5° F.</u>	<u>.40</u>
Conductivity	<u>2500</u>

Total Dissolved Solids (calc.) 2600

Iron, Fe (total) 0
Sulfide, as H₂S 0

REMARKS & RECOMMENDATIONS:

