

3199

E

30-065-26670

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 A Sec. 9 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #201E

cps 1982w

Elevation 6697' Completion Date 7/13/88 Total Depth 400' Land Type* N/A

Casing, Sizes, Types & Depths NONE SET

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' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 360', 350', 335', 325', 290', 280', 260', 250', 225', 210'

Depths vent pipes placed: 385'

Vent pipe perforations: 300;

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST. 3

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 7-13-88

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1982W	<u>Drill pipe unit 901E</u>	54540A	600N =	☐ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
<u>A09-26-10</u>	<u>2 1/2" x 5'</u>	<u>Duriron</u>	<u>6 3/4"</u>	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Goke Used	Lost Circulation Mat'l Used
<u>400'</u>	<u>380'</u>			
Anode Depth				
# 1 <u>360</u>	# 2 <u>350</u>	# 3 <u>335</u>	# 4 <u>325</u>	# 5 <u>290</u>
# 6 <u>280</u>	# 7 <u>260</u>	# 8 <u>250</u>	# 9 <u>225</u>	# 10 <u>210</u>
Anode Output (Amps)				
# 1 <u>5.2</u>	# 2 <u>5.0</u>	# 3 <u>6.2</u>	# 4 <u>6.0</u>	# 5 <u>5.8</u>
# 6 <u>5.1</u>	# 7 <u>5.8</u>	# 8 <u>4.8</u>	# 9 <u>5.8</u>	# 10 <u>5.2</u>
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 <u>11.9</u>	Amps <u>28.2</u>	Ohms <u>.42</u>		

Remarks: Driller said water to be at 130', no water sample. No surface casing, installed 385' of 1" PVC vent pipe, bottom 300' perforated. Static not run due to compressor - needs insulated union.

Rectifier Size: 40 V 16 A 669.00

Add'l Depth 120' @ 3.50 - 420.00

Extra Cable: 205' @ .24 49.20

Ditch & 1 Cable: 315' @ .70 220.50

25' Meter Pole: 158.50

20' Meter Pole: 225.00

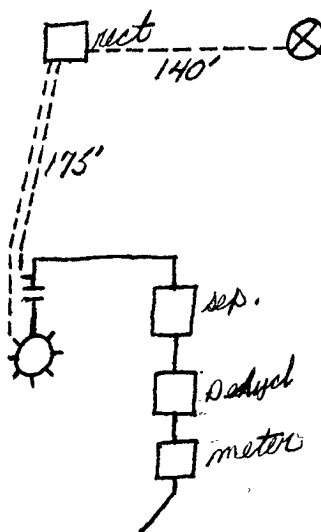
10' Stub Pole: 1 @ 158.50

1 function box 4976.20

248.81

5225.01 OK 93

GROUND BED LAYOUT SKETCH



All Construction Completed

Calvin Rodman
(Signature)

WELL TYPE GROUNDED DATA

DA SHEET NO. _____

COMPANY MERIDIAN OIL JOB NO. 13128 DATE: 7-13-88
 WELL: HUERFANO # 201 E PIPELINE: _____
 LOCATION: SEC. 9 TWP. 26 RGE. 10 CO. SAN JUAN STATE UTAH
 ELEV. _____ FT. ROTARY 400 FT. CABLE TOOL -0- FT. CASING -0- FT.
 GROUNDED: DEPTH 400 FT. DIA. 6 3/4 IN. GAS 4000 LBS. ANODES 10 8X60 TYPE

DEPTH. FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH. TOP OF ANODES
		E	I	R	I	I		
	<u>FIRST WATER 130</u>							
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
100								
5								
10								
15								
20								
25								
30				1.2				
35				1.2				
40				1.2				
45				2.0				
50				2.5				
55				2.4				
60				2.4				
65				2.6				
70				2.5				
75				2.1				
80				2.2				
85				2.3				
90				2.1				
95				2.3				
200				2.4				
5				2.3				
10				2.5		2.6	5.2	10
15				2.4				
20				2.5				
25				2.5		2.7	5.8	9
30				2.1				
35				1.8				
40				1.3				
45				1.5				
50				2.2		2.2	4.8	8
55				2.4				

GROUNDED RESISTANCE: (1) VOLTS 11.9 - AMPS 282 - .42 OHMS

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

LUXENS COMPANY

DAY SHEET NO. _____

WELL: _____ PIPELINE: _____

ELEV. _____ FT: ROTARY _____ FT: CABLE TOOL _____ FT: CASING _____ FT

GROUNDING: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANCHORS _____

GROUNDING RESISTANCE: (1) VOLTS _____ - AMPS _____ = _____ OHMS

(C) VERACGROUND _____ OF-MS

GENERAL CATHODIC PROTECTION SERVICES CO.

4. LUKENS: 2000

D. Crass DRILLING CO.

Drill No. 3

1982

DRILLER'S WELL LOG

S. P. No. Huerfano 201-E Date 7-13-88

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
<u>0</u>	<u>20</u>	<u>SANDY SHALE</u>
<u>20</u>	<u>100</u>	<u>SANDSTONE</u>
<u>100</u>	<u>120</u>	<u>SANDY SHALE</u>
<u>120</u>	<u>140</u>	<u>SAND</u>
<u>140</u>	<u>220</u>	<u>SHALE</u>
<u>220</u>	<u>240</u>	<u>SANDSTONE</u>
<u>240</u>	<u>285</u>	<u>SANDY SHALE</u>
<u>285</u>	<u>330</u>	<u>SHALE</u>
<u>330</u>	<u>400</u>	<u>SANDY SHALE</u>

Mud Brn Lime

Rock Bit Number Make

Remarks: Water @ 130'

Driller Rennic Brown