

3203

2102-30-045-26680

286-30-045-26763

E

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

Operator MERIDAIN OIL INC. Location: Unit A Sec. 35 Twp 27 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #210E, #286 #
cps 1979w

Elevation 6579w Completion Date 7/11/88 Total Depth 240' Land Type* N/A

Casing, Sizes, Types & Depths 60' 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. 105'

Depths gas encountered: N/A

Type & amount of coke breeze used: METALURGICAL TO 180' CARBO 60 TO 135' MET TO SU

Depths anodes placed: 170', 160', 150', 140', 130'

Depths vent pipes placed: 240'

Vent pipe perforations: 160'

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 7-11-88

CPS #		Well Name, Line or Plant: <u>#284</u>		Work Order #		Static:		Ins. Union Check	
<u>1979W</u>		<u>Thurman unit 210E</u> <u>205 4543A</u>		<u>54543A</u>		<u>600E = .740</u>		☒ Good ☐ Bad	
Location: <u>A35-27-10</u>		Anode Size: <u>1/2" x 20"</u>		Anode Type: <u>Lidlar</u>		Size Bit: <u>6"</u>			
Depth Drilled: <u>240'</u>		Depth Logged: <u>235'</u>		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
Anode Depth									
# 1 <u>170</u>	# 2 <u>135</u>	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
Anode Output (Amps)									
# 1 <u>15.5</u>	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
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>12.8</u>		Amps <u>15.5</u>		Ohms <u>.82</u>					

Remarks: Driller said water to be at 105', 60' surface casing, 3 hrs. rig time 240' of 1" PVC vent pipe, bottom 160' perforated. 1 wire anode string, anodes 10' center to center, total length 40'. Metallurgical coke to 180' carbide 60' coke with anodes to 135'. Metallurgical coke to surface. static test for unit 286, 6005 = .750. Hole logged with 2" x 2 1/2" diameter anode water sample taken. G.B. 4073.00 (including junction box)

Rectifier Size: 40 V 16 A

Addn'l Depth

Depth Credit: 265' @ 3.50Extra Cable: 200' @ .24Ditch & 1 Cable: 420' @ .7025' Meter Pole: 1 @ 307.00

20' Meter Pole:

10' Stub Pole:

60' surface casing

3 hrs rig time

669.00

-927.50

48.00

294.00

307.00

330.00

414.00

5207.50

260.38

5467.88

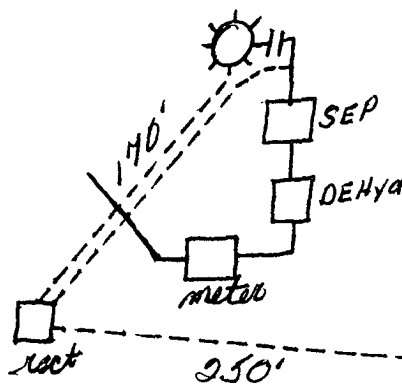
All Construction Completed

Calvin Rodman
(Signature)

GROUND BED LAYOUT SKETCH

60' surface casing

3 hrs rig time



unit 268
220'

6579

WELL TYPE GROUNDED DATA

DAY SHEET NO. _____

COMPANY PERDUE OIL JOB No. 1312R DATE: 9-11-88
 WELL: HUERFANO # 210E PIPELINE: _____
 LOCATION: SEC 35 TWP 27 RGE. 10 CO. SWAN TOWN STATE N DEX
 ELEV. _____ FT: ROTARY 240 FT: CABLE TOOL -0- FT: CASING 65 FT:
 GROUNDED: DEPTH 240 FT. DIA. 6 IN. GAS 2400 LBS. ANODES 5 LIDA STRING

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 105</u>							
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
100								
5					0.6			
10					1.1			
15					0.8			
20					0.6			
25					0.5			
30					0.7			
35					1.3			
40					1.5			
45					1.4			
50	<u>5 LIDA STRING</u>				1.6			
55					1.6			
60					1.4			
65					1.3			
70					1.1			
75					1.1			
80					1.1			
85					1.2			
90					0.9			
95					0.5			
200					0.6			
5					1.0			
10					0.9			
15					0.8			
20					0.6			
25					0.4			
30					0.5			
35					0.6			
40	<u>V.D. 240</u>							
45								
50								
55								

GROUNDED RESISTANCE: (1) VOLTS _____ - AMPS _____ - OHMS

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A LUXENS COMPANY

D. CRASS DRILLING CO.

Drill No. 3

1979

DRILLER'S WELL LOG

S. P. No. Huerfano 210-F Date 7-11-88
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	50	SAND
50	95	Shale
95	100	SAND ✓
110	125	shale
125	140	sandstone
140	185	shale
185	240	SANDSTONE

Mud _____ Brom _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 105'
Set 60 casing 3 Hrs.

Driller Ronnie Brown