

3205

E

30-045-26651

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. 5 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #140E

cps 1977w

Elevation 6527' Completion Date 7/7/88 Total Depth 325' 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. 155' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 300', 290', 280', 270', 260'

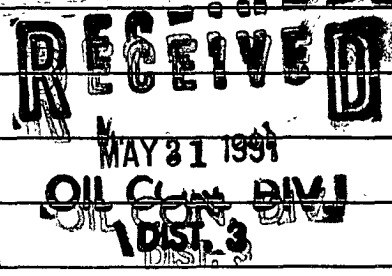
Depths vent pipes placed: 325'

Vent pipe perforations: 240'

Remarks: gb #1

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

COMP 7-11-88

0.087

Drilling Log (Attach Hereto) ☒

Completion Date 7-7-88

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1977W	Fluorine unit 140E	54520A 2054520A	600E - .903	☒ Good ☐ Bad
Location	Anode Size:	Anode Type:	Size Bit:	
K05-26-09	1/2" x 20"	Lidco	6"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Goke Used	Lost Circulation Mat'l Used
325	320			
Anode Depth				
# 1 260 to 300	# 3	# 4	# 5	# 6
Anode Output (Amps)				
# 1 11.9	# 2	# 3	# 4	# 5
Anode Depth				
# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)				
# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 12.2	Amps 11.9	Ohms 1.02		

Remarks: Driller said water to be at 155', no water sample. No surface casing installed. Installed 325' of 1" PVC vent pipe, bottom 240' perforated. 1 line anode string, anodes 10' on top to center. Carbon 60 cable to 240' with anodes; Metal uregical cable from 25' to surface. Hole was logged with 2" x 2 1/2' duriron anode.

Rectifier Size: 40 V 16 A G.B. 4013.00 (including junction box) 669.00

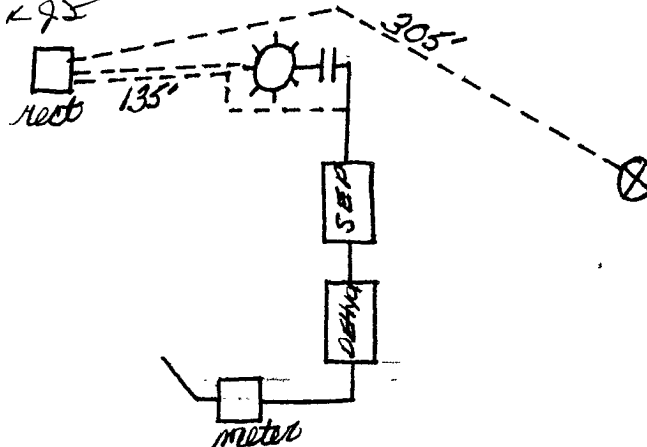
Add'l Depth
Depth Credit: 185' @ 3.50 - 630.00
Extra Cable: 165' @ .24 39.60
Ditch & 1 Cable: 305' @ .70 213.50
25' Meter Pole:
20' Meter Pole:
10' Stub Pole: 1 @ 158.50 158.50

All Construction Completed

Calvin Proctor
(Signature)

GROUND BED LAYOUT SKETCH

4523.60
tot 226.18
4749.78



6527

WELL TYPE GROUNDED DATA

DATE SHEET NO.

COMPANY INTERDELAN OIL JOB NO. 13128 DATE: 7-7-88
 WELL: HUERTANO # 140 E PIPELINE: _____
 LOCATION: SEC 5 TWP 26 RGE 9 CO. SAW STATE TEX
 ELEV. _____ FT: ROTARY 320 FT: CABLE TOOL -0- FT: CASING -0- FT: _____
 GROUNDED: DEPTH 325 FT. DIA. 6 IN. GAS 3250 LBS. ANODES 5 LHA 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 155</u>								
50									
55									
60									
65									
70									
75									
80									
85									
90									
95									
100									
5									
10									
15									
20									
25									
30									
35									
40									
45									
50									
55					1.2				
60					1.9				
65					1.4				
70					1.0				
75					0.9				
80					0.7				
85					1.9				
90					1.7				
95					1.3				
200					1.2				
5					0.9				
10					0.8				
15					1.0				
20					1.0				
25					1.2				
30					1.2				
35					1.0				
40					0.5				
45					0.6				
50					0.5				
55					0.7				

GROUNDED RESISTANCE: (1) VOLTS 12.2 - AMPS 11.9 - OHMS

(2) VIBROGROUND - OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A. LUKENS COMPANY

DA. SHEET NO. _____

COMPANY _____ JOB No: _____ DATE: _____

WELL: _____ PIPELINE: _____

LOCATION: SEC. _____ TWP. _____ RGE. _____ CO. _____ STATE _____

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

GROUNDED: DEPTH _____ FT. DIA. _____ IN. GAS _____ LBS. ANODES _____

DEPTH FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH TOP OF ANODES
		E	I	R	I	I		
60			0.8					
65			1.3					
70			1.1					
75			1.6					
80			1.6					
85			1.6					
90			1.8					
95			1.6					
300			0.9					
5			0.9					
10			0.9					
15			0.8					
20	T. D. 32.5		0.4					
25								
30								
35								
40								
45								
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
400								
5								
10								
15								
20								
25								
30								
35								
40								
45								
50								

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

(2) VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A LUKENS COMPANY

O. CRASS DRILLING CO.

Drill No. 3

1977

DRILLER'S WELL LOG

S. P. No. Huckiano #140E-PK Date 6-7-88

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	10	SANDY SHALE
10	30	SANDSTONE
30	40	SHALE
40	80	SANDY SHALE
80	100	SAND
100	125	SHALE
125	155	SAND
155	195	SHALE
195	270	SANDY SHALE
270	290	SHALE
290	320	SAND

Mud _____ Brom _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 155'

Driller Rennie Brown