

3204

E

30-045-26667

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 H Sec. 06 Twp 26 Rng 09Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #200E

cps 1978w

Elevation 6558' Completion Date 7/8/88 Total Depth 400' Land Type* N/ACasing, Sizes, Types & Depths NONE SETIf Casing is cemented, show amounts & types used N/AIf 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. 220' NO SAMPLEDepths gas encountered: N/AType & amount of coke breeze used: CARBO 60 TO 285', METALURGICAL FROM 280' -SURFADepths anodes placed: 355', 345', 335', 325', 315'Depths vent pipes placed: 410'Vent pipe perforations: 200'Remarks: gb #1**RECEIVED**

MAY 21 1991

OIL CON. DIV.
1 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 7-8-88

CPS #		Well Name, Line or Plant:		Work Order #		Static: <u>Volts</u>		Ins. Union Check	
<u>197BW</u>		<u>Duriron unit 200E</u>		<u>54539A</u>		<u>600E-842</u>		☒ Good ☐ Bad	
				<u>205 4539A</u>					
Location:		Anode Size:		Anode Type:		Size Bit:			
<u>H06-26-09</u>		<u>1/2" x 20"</u>		<u>Lida</u>		<u>6"</u>			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Goke Used		Lost Circulation Mat'l Used	
<u>400</u>		<u>400</u>							
Anode Depth									
# 1 <u>315 to</u>		# 2 <u>355</u>		# 3		# 4		# 5	
# 6		# 7		# 8		# 9		# 10	
Anode Output (Amps)									
# 1 <u>14.4</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									
Volts <u>12.0</u>		Amps <u>14.4</u>		Ohms <u>.83</u>		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

Remarks: Driller said water to be at 220'; no water sample. No surface casing 410' of 1" PVC vent pipe, bottom 200' perforated. Metallurgical coke to 355', carb 60 coke to 285' with anodes, Metallurgical coke from 280' to surface. Lida anode length, total, 40'. Hole was logged with 2" x 2 1/4' duriron anode.

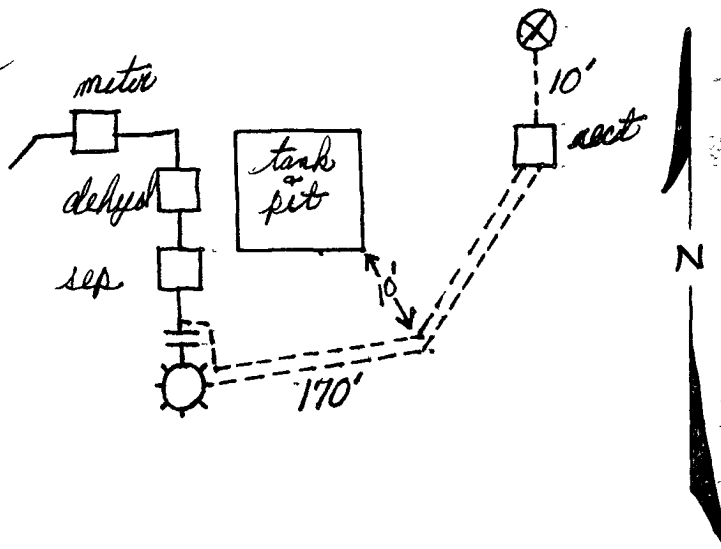
Rectifier Size: 40.0 V 16.0 A 4043.00 (including function box)
 Addn'l Depth: 100' @ 3.50 -350.00
 Depth Credit: 200' @ .24 48.00
 Extra Cable: 180' @ .70 126.00
 Ditch & 1 Cable: 1 @ 307.00 307.00
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____

All Construction Completed

Cahar Rodman
(Signature)

GROUND BED LAYOUT SKETCH

4873.00
tot 243.65
5116.65 OK



6554

OF SHEET NO.

DEPTH. F.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH. TOP OF ANODES
		E	I	R	I	I		
50	FIRST WATER 220							
55	SAND							
60								
65								
70								
75								
80								
85								
90								
95								
100								
5								
10								
15								
20								
25								
30								
35								
40								
45								
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
200								
5								
10								
15								
20								
25								
30								
35								
40								
45								
50								
55								

GROUNDING RESISTANCE: (1) VOLTS 12.0 - AMPS 14.4 - .03 OHMS

(C) VERBOODING _____ OPMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A. LUKENS : Chairman

WELL TYPE GROUNDED DATA

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	SAND & SHALE	0.5						
65		1.2						
70		1.5						
75		1.6						
80		1.5						
85		1.5						
90		0.8						
95		0.6						
300		0.5						
5		0.5						
10		0.7						
15		1.4						
20		1.7						
25		1.5						
30		1.1						
35		1.1						
40		1.0						
45		1.3						
50		1.5						
55		1.5						
60		1.3						
65		0.9						
70		0.5						
75		0.5						
80		1.0						
85		0.9						
90		0.7						
95		0.7						
400		0.9						
5	TO 400							
10								
15								
20								
25								
30								
35								
40								
45								
50								

4.6 14.4

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

(2) VIBROGROUND _____ OHMS _____

GENERAL CATHODIC PROTECTION SERVICES CO.

LUXENS COMPANY

D. CRASS DRILLING CO.

Drill No. 3

1928

DRILLER'S WELL LOG

S. P. No. HUNT FAND #200-E-DK Date 7-8-88
Client Meridian O. I. 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	Sandy shale
40	50	Shale
50	65	Sandstone
65	140	Shale
140	150	Sand
150	180	Sandy shale
180	190	Shale
190	210	Sandy shale
210	245	Sand
245	270	Sandy shale
270	300	Shale
300	340	Sandy shale
340	380	Shale
380	400	Sand

Rock Bit Number _____ Make _____

Remarks: Water @ 220'

Driller Ronnie Brown