

3194

4- 30-045-26297

250- 30-045- 26923

E

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 0 Sec. 28 Twp 31 Rng 9Name of Well/Wells or Pipeline Serviced SHEETS #4, #250

cps 1987w

Elevation 6191' Completion Date 8/24/88 Total Depth 320' Land Type* N/ACasing, Sizes, Types & Depths N/AIf 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. 90' & 300'**RECEIVED**
MAY 8 1989Depths gas encountered: N/AType & amount of coke breeze used: N/A**OIL CON. DIV.**Depths anodes placed: 235', 225', 215', 205', 195', 185', 175', 165', 155', 145'Depths vent pipes placed: 320'Vent pipe perforations: 220'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

Drilling Log (Attach Hereto) ☒Completion Date 8-24-88

CPS #	Well Name, Line or Plant <u>Sheets #4 PC</u> <u>DK</u>	Work Order # <u>53563A</u> ✓	Static <u>ACONW = 1.10</u>	Ins Union Check ☒ Good ☐ Bad
<u>1987W</u>				
Location <u>028-31-09</u>	Anode Size <u>2" x 60"</u>	Anode Type <u>Duriron</u>	Size Bit <u>6 3/4"</u>	
Depth Drilled <u>320'</u>	Depth Logged <u>315'</u>	Drilling Rig Time	Total Lbs Coke Used	Lost Circulation Mat'l Used
No Sacks Mud Used				
Anode Depth				
# 1 <u>235</u>	# 2 <u>225</u>	# 3 <u>215</u>	# 4 <u>205</u>	# 5 <u>195</u>
# 6 <u>185</u>	# 7 <u>175</u>	# 8 <u>165</u>	# 9 <u>155</u>	# 10 <u>145</u>
Anode Output (Amps)				
# 1 <u>4.6</u>	# 2 <u>4.7</u>	# 3 <u>4.9</u>	# 4 <u>5.1</u>	# 5 <u>5.7</u>
# 6 <u>5.0</u>	# 7 <u>5.5</u>	# 8 <u>4.9</u>	# 9 <u>5.0</u>	# 10 <u>4.2</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>12.08</u> Amps <u>23.4</u> Ohms <u>.51</u>				

Remarks: Static Ellated at 125' Installed 320' of 1" PVC vent pipe, bottom 220' perforated. D.C. power to be run from sheets #1A

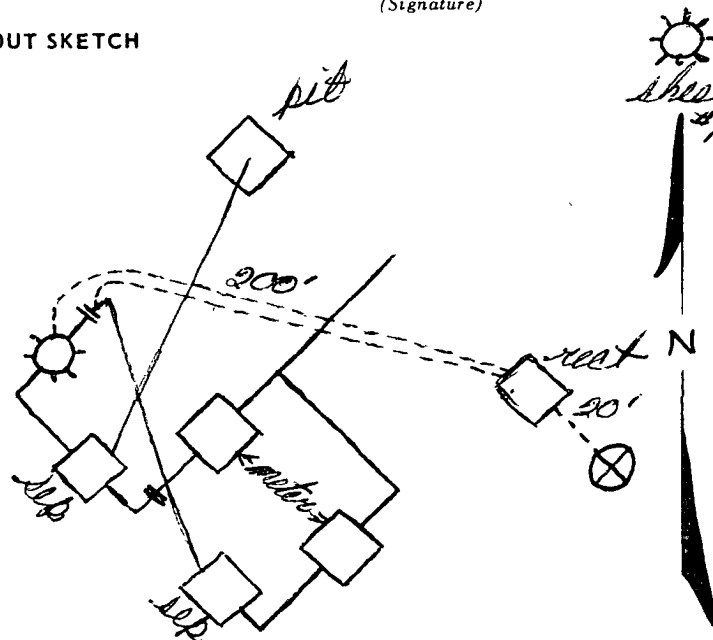
Rectifier Size: 40 V 16 A
 Addn'l Depth
 Depth Credit: 185' @ 3.50
 Extra Cable: 230' @ .24
 Ditch & 1 Cable: 220' @ .70
 25' Meter Pole: -0
 20' Meter Pole: -0
 10' Stub Pole: 1 @ 158.50
 1 function box

GROUND BED LAYOUT SKETCH

4074.00
669.00
647.50 ✓
55.20 ✓
154.00 ✓
158.50
225.00
4688.20
234.41 ✓
4922.61 OK

All Construction Completed

Calvin Rodman
(Signature)



6191

D. CRASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S P. No. Sheets # 4 Date 8-24-88
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	40	SANDSTONE
40	50	Shale
50	60	SANDSTONE
60	80	Shale
80	90	SAND -
90	110	SANDSTONE
110	255	Shale
255	320	SAND

Mud _____ Brm _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 90' + 300'

Driller Ronnie Brown

DATA SHEET NO. _____

COMPANY MERIDIAN Oil JOB NO. 13128 DATE: 8/23/88
 WELL: SHEETS NO. 4 FC, NO. 4 DK PIPELINE: _____
 LOCATION: SEC 28 TWP 31 N RGE 9 W CO. SAN JUAN STATE N.M.
 ELEV. _____ FT: ROTARY 320 FT: CABLE TOOL 0 FT: CASING 0
 GROUND BED: DEPTH 315 FT: DIA. 6 3/4 IN. CAS. 3150 LBS. ANODES 10.2" X 10.0" TYPE

DEPTH FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPT TOP ANODE
		E	I	R				
50								
55								
60								
65	1-235-2.1-4.6							
70	2-225-2.1-4.7							
75	3-215-2.0-4.9							
80	4-205-2.1-5.1							
85	5-195-2.1-5.7							
90	6-185-2.4-5.0							
95	7-175-2.5-5.5							
100	8-165-2.4-4.9							
	9-155-2.2-5.0							
105	10-145-2.0-4.2							
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60								

GROUND BED RESISTANCE: (1) VOLTS 12.08 - AMPS 23.4 - .51 OHMS

(2) VEROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.
A LUKENS COMPANY

GENERAL CATHODIC PROTECTION SERVICES CO.