

#1 30-045-09540

#210 30-045-27074

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. 15 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SUNRAY A, #1, #210

cps 2079w

Elevation 6531' Completion Date 1/18/89 Total Depth 440' Land Type* N/A

Casing, Sizes, Types & Depths N/A

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. 145' NO SAMPLE

Depths gas encountered: N/A

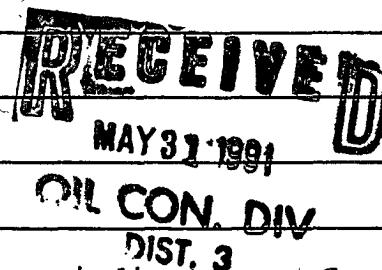
Type & amount of coke breeze used: N/A

Depths anodes placed: 405', 395', 385', 375', 365', 355', 240', 195', 185', 175'

Depths vent pipes placed: 440'

Vent pipe perforations: 300'

Remarks: gb #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

Copy 1-22-

Drilling Log (Attach Hereto) ☒Completion Date 1-18-89

CPS #	Well Name, Line or Plant: <u>#1</u>	Work Order #	Static:	Ins. Union Check
<u>2079-w</u>	<u>SUNRAY "A" #210</u>	<u>3416A</u>	<u>600'S = .691</u>	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
<u>H 15-30-10</u>	<u>2" x 60"</u>	<u>Duriron</u>	<u>6 3/4"</u>	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
<u>440'</u>	<u>437'</u>			
No. Sacks Mud Used				
Anode Depth				
# 1 <u>405'</u>	# 2 <u>395'</u>	# 3 <u>385'</u>	# 4 <u>375'</u>	# 5 <u>365'</u>
# 6 <u>355'</u>	# 7 <u>240'</u>	# 8 <u>195'</u>	# 9 <u>185'</u>	# 10 <u>175'</u>
Anode Output (Amps)				
# 1 <u>2.5</u>	# 2 <u>2.7</u>	# 3 <u>3.6</u>	# 4 <u>3.2</u>	# 5 <u>3.0</u>
# 6 <u>3.2</u>	# 7 <u>4.3</u>	# 8 <u>3.4</u>	# 9 <u>3.9</u>	# 10 <u>3.3</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>11.93</u>		Amps <u>16.9</u>		Ohms <u>.706</u>

Remarks: DRILLED TO 440', LOGGED 437', DRILLER SAID WATER AT 145', NO SAMPLE. INSTALLED 440' OF 1" PVC VENT PIPE, PERFORATED BOTTOM 300'

* CAN PLOW EST. 600' OF AC AFTER WELL IS TIED IN FROM 206-W

Rectifier Size: 40 V 16 A
 Addn'l Depth
 Depth Credit: 63' 3.50
 Extra Cable: 180' .24
 Ditch & 1 Cable: 285' .170
 25' Meter Pole:
 20' Meter Pole:
 10' Stub Pole:
 Junction Box: 1

All Construction Completed

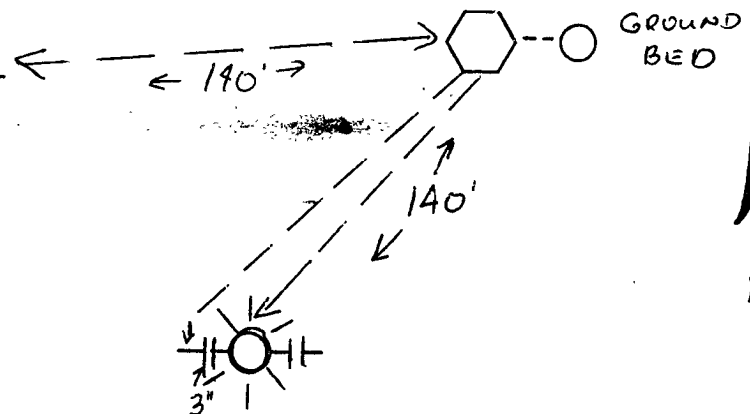
Mr. Will

(Signature)

2079-w

GROUND BED LAYOUT SKETCH

Well is
NOT TIED
IN YET



4074.00
 669.00
 -220.50 ✓
 43.20 ✓
 199.50 ✓
 158.50 ✓
 225.00 ✓
 5148.70 ✓
 257.44 ✓
 5406.14 *PK 93*

be 531

(H₂O) (H₂O)

D. CIASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. SUNRAY A #210 Date 1-18-89
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	110	SANDSTONE
110	150	SAND ✓
150	205	Shale
205	340	SANDSTONE
340	405	Shale
405	440	SANDSTONE

Mud _____ Bron _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 145

Driller RONNIE BROWN