

1525 #2 30-045-08806
#7 30-045-25338
#210 30-045-27121

#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 B Sec. 5 Twp 29 Rng 8

Name of Well/Wells or Pipeline Serviced SUNRAY #2, #7, #210

cps 2104w

Elevation 6270' Completion Date 3/29/89 Total Depth 520' 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. DAMP AT 50' & 160'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 490', 480', 470', 425', 415', 375', 355', 345', 308', 300'

Depths vent pipes placed: 505'

Vent pipe perforations: 450'

Remarks: (gb #4)

RECEIVED
MAY 21 1989
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... CATHOLIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Drilling Log (Attach Hereto) ☒

Completion Date 3-29-89

CPS #	Well Name, Line or Plant: <u>SUNRAY #210</u>	Work Order # <u>3471A</u>	Static: <u>600' ME = .76</u>	Ins. Union Check ☒ Good ☐ Bad																																																												
Location: <u>B5-29-8</u>	Anode Size: <u>2" x 60"</u>	Anode Type: <u>Duriron</u>	Size Bit: <u>6 3/4"</u>																																																													
Depth Drilled: <u>520'</u>	Depth Logged: <u>500'</u>	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used																																																												
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Remarks: DRILLED TO 520' LOGGED 500' DAMP SPOT AT 50' x 160'
INSTALLED 505' of 1" PVC VENT PIPE, PERFORATED BOTTOM 450'

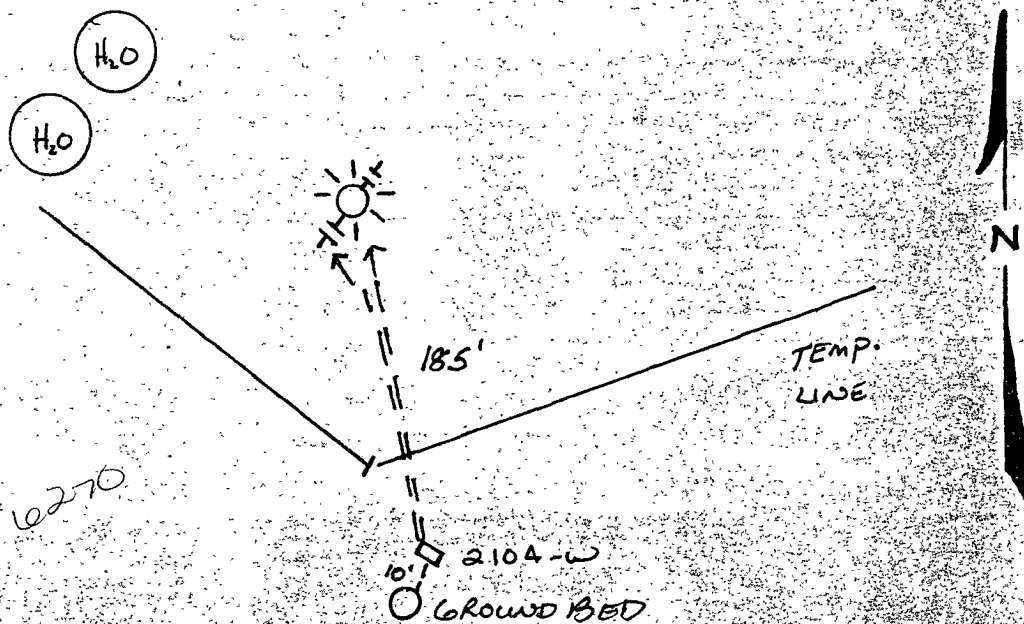
* CAN PLOW AC FROM 264-W - 480'

Rectifier Size: 40 V 16 A
 Addn'l Depth: —
 Depth Credit: —
 Extra Cable: 715 .20
 Ditch & 1 Cable: 675 .70
 25' Meter Pole: —
 20' Meter Pole: —
 10' Stub Pole: —
 Junction Box: —

All Construction Completed

M. J. Williams
(Signature)

GROUND BED LAYOUT SKETCH



3,870.00 ✓

599.00 ✓

143.00 ✓

472.50 ✓

144.50 ✓

237.00 ✓

5466.00 ✓

273.30

5739.30 oil 87

SCOTT DRILLING, INC.

~~P.O. Box 269~~ 1802 LANE 10

POWELL, WY. 82435

(307) 754-2056

WELL NO. *Lunkey-210*

FORMATION:

0-5 *sandy clay*

5-40 *sandstone sand*

40-48 *shale*

304-440 *sandstone shale ledge*

440-480 *sand*

480-520 *shale*

PERFORATIONS:

STATIC WATER TABLE *63'*

GRAVEL PACKING

CASED WITH PVC

160 PSI

DRILL: GARDNER DENVER

MAYHEW 1000-ROTARY

PRICE \$ PER FOOT

TOTAL INVOICE:

COMPANY MERIDIAN OIL JOB No. 00004 DATE: 3-28-89
 WELL: SURRAY # 210 PIPELINE: _____
 LOCATION: SEC. 5 TWP. 29 RGE. 8 CO. SAN JUAN STATE N MEX
 ELEV. _____ FT. ROTARY 520 FT. CABLE TOOL 0 FT. CASING 0
 GROUNDBED: DEPTH 500 FT. DIA. 6 3/4 IN. CAS 5000 LBS. ANODES 10 2X60 TYPED

DEPTH FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH TOP OF ANODES
		E	I	R				
	FRESH WATER 50							
50								
5								
60								
5								
70								
5								
80								
5								
90								
5								
100								
5								
110								
5								
120								
5								
130								
5								
140								
5								
150								
5								
160				0.3				
5				0.3				
170				0.3				
5				0.3				
180				0.4				
5				0.5				
190				0.5				
5				0.4				
200				0.4				
5				0.4				
210				0.4				
5				0.4				
220				0.4				
5				0.4				
230				0.4				
5				0.4				
240				0.5				
5				0.5				
250				0.4				
5				0.4				

GROUNDBED RESISTANCE: (1) VOLTS 11.9 - AMPS 14.9 - 0.80 OHMS

(2) VIBROGROUND: _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A LUKENS COMPANY