#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

RECEIVED
MAY 31 1991
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.

M-07-0238 (Rev. 10-82)

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Copy

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

CPS #	Well Name, Line or Plant: #1	Work Order #	Static:	Ins. Union Check
2079-W	SUNRAY "A" #210	3416A	600'S = .691	☒ Good ☐ Bad

Location:	Anode Size.	Anode Type:	Size Bit:
H 15-30-10	2" x 60"	DURICON	6 3/4"

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs Coke Used	Lost Circulation Mat'l Used	No Sacks Mud Used
440'	437'				

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	405'	395'	385'	375'	365'	355'	240'	195'	185'	175
Anode Output (Amps)	2.5	2.7	3.6	3.2	3.0	3.2	4.3	3.4	39	3.3
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 11.93	Amps 16.9	Ohms .706			

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

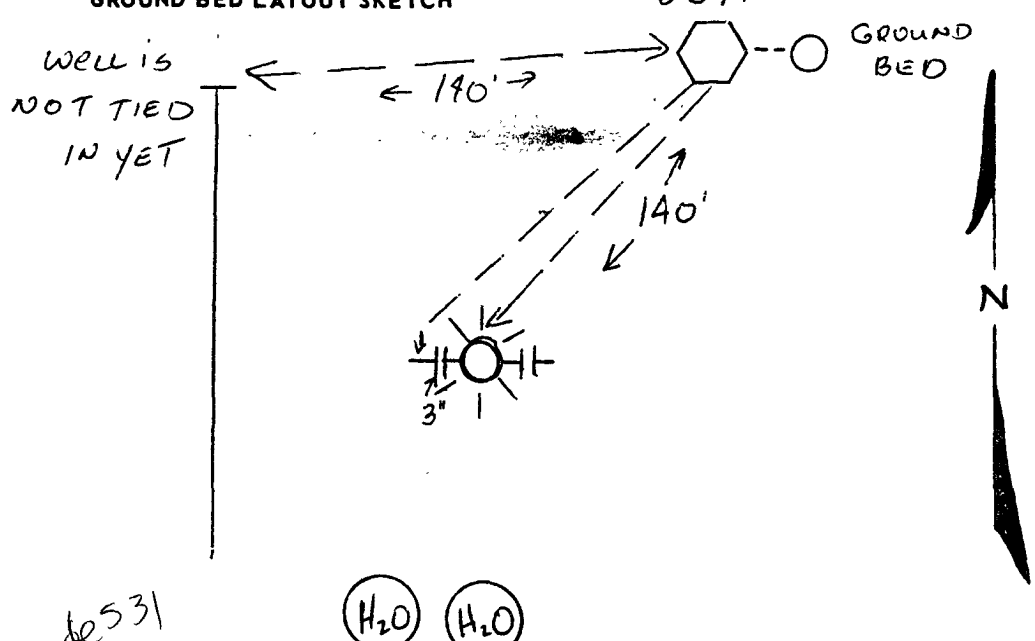
* CAN PLOW EST. 600' of AC AFTER WELL IS TIED IN FROM 206-W

Rectifier Size: 40 V 16 A
Addn'l Depth
Depth Credit: 63' 3.50
Extra Cable: 180' .24
Ditch & 1 Cable: 285' .70
25' Meter Pole:
20' Meter Pole:
10' Stub Pole: 1
Junction Box: 1

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH



4074.00
669.00
-220.50 ✓
43.20 ✓
199.50 ✓
158.50 ✓
225.00 ✓
5148.70 ✓
257 44 ✓
5406.14

de531

H2O H2O

D. CRASS 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 Bran Lime

Rock Bit Number Make

Remarks: Water @ 145

Driller Lonnie Brown