

2 = 30-045-08806
7 = 30-045-25338
210 = 30-045-27121

4080

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 NE Sec. 5 Twp 29 Rng 8

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

cps 2104w

Elevation 6270' Completion Date 9/2/76 Total Depth 500' 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. 370'

Depths gas encountered: N/A

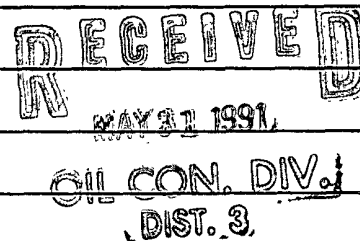
Type & amount of coke breeze used: 54 SACKS

Depths anodes placed: 485', 475', 465', 455', 400'

Depths vent pipes placed: N/A

Vent pipe perforations: 260'

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

Log 9-2-76

Drilling Log (Attach Hereto) ☐ # 7 # 210

Completion Date 9-2-76

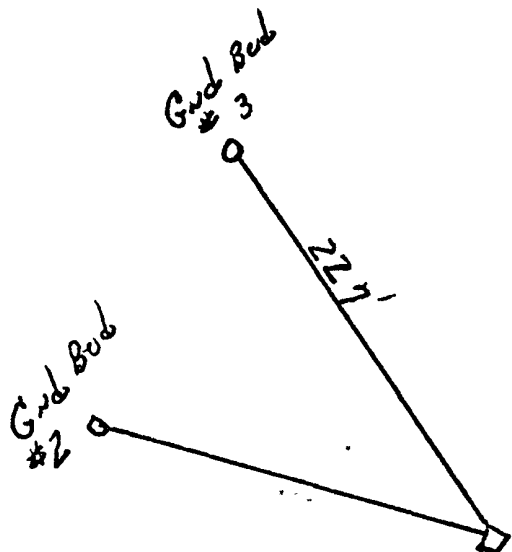
Well Name SUNRAY #2		Location NE 5-29-8		CPS No. 264W 2104W	
Type & Size Bit Used 6 3/4"				Work Order No. 184-52275.19-50-20	
Anode Hole Depth LOG 500'	Total Drilling Rig Time	Total Lbs. Coke Used 54 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 485	# 2 475	# 3 465	# 4 455	# 5 400	# 6
Anode Output (Amps)					
# 1 4.0	# 2 4.3	# 3 3.5	# 4 3.4	# 5 2.5	# 6
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		
Volts 11.9	Amps 9.3	Ohms 1.28			

Remarks: DRILLER SAID wet at 370' started Injection at 380'. Next AM. WATER standing at 360'. Vent Pipe perforated 260' SLURRIED 54 SACKS OF COKE BROOZE.

All Construction Completed

W. Z. Lutz
(Signature)

GROUND BED LAYOUT SKETCH



5248.50
720.00 Depth
54.48 Cable
3022.98
120.91 TX
3143.89 GCS
213.40 Surfk
324.00 Coke
50.00 Misc
3731.29

0270

2.2
9.3 / 11.9
9.3
260
186
740
651

11.9 / 19.30

500
360
140

210 (W)

SUN RAY #2

NE 5-29-9

264 W

DRILLER SAID WOT @ 370
STARTED INJ. @ 380 NEXT AM.
WATER STANDING @ 360

350

55

60 = .7

65 = .7

70 = .6

75 = .6

80 = .7

85 = .7

90 = .9

95 = 1.2

5 400 = 1.2

5 = .8

10 = .8

15 = .6

20 = .7

25 = .7

30 = .6

35 = .6

40 = .6

45 = .5

50 = .3

455 = 1.1

60 = 1.7

365 = 1.8

70 = 1.8

275 = 1.7

80 = 1.8

185 = 1.9

90 = 1.8

95 = 1.8

500 + D

VENT PIPE PERFORATED 260'

227' SURFACE CABLE

1 = 485 1.9 4.0

2 = 475 1.7 4.3

3 = 465 1.6 3.5

4 = 455 1.3 3.4

5 = 400 1.3 2.4

11.9 VOLTS 9.3 AMPS 1.28 Ω

W	gas/mol
12	C ₁ 6.4
30	C ₂ 3.5
44	C ₃ 10.2
58	C ₄ 12.8
72	C ₅ 11.93
86	C ₆ 13.85
100	C ₇ 13.71
114	C ₈ 15.50
128	C ₉ 15.57
142	C ₁₀ 15.7
156	C ₁₁ 17.40
170	C ₁₂ 19.28
184	C ₁₃ 9.64
198	C ₁₄ 9.67

W	gas/mol
44	CO ₂ 6.28
28	H ₂ 5.17
26	N ₂ 1.14
2	H ₂ 3.38

19

9

SIGNED: Toolpusher _____ Company Supervisor _____