

1- 30-045-09931
6- 30-045-20768
200- 30-045-26952

3554

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. 1 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SAN JUAN #1, SUNRAY B #6, COM #200

cps 2087w

Elevation 6559' Completion Date 7/16/76 Total Depth 397' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: 41 SACKS

Depths anodes placed: 365', 355', 345', 335', 325', 315', 290'

Depths vent pipes placed: N/A

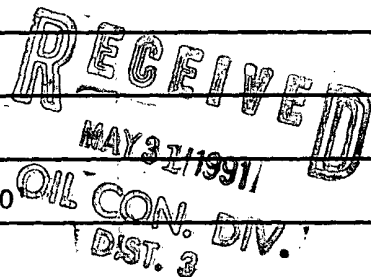
Vent pipe perforations: 280'

Remarks: gb #3 DRILLED AND ABANDONED 460' HOLE. BELEIVE HOLE CAVED AFTER ANODES

WERE COVERED ON THIS GROUND BED.

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) ☐

#3 GNO BED

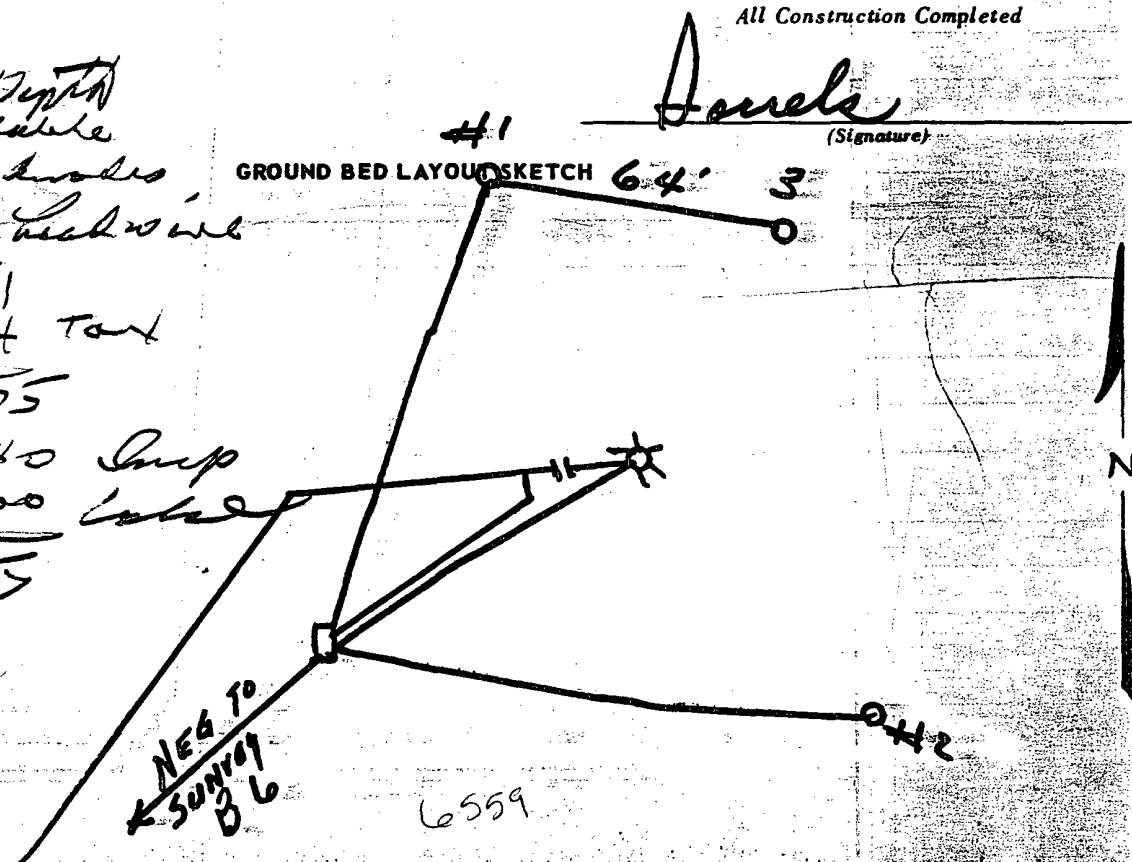
Completion Date 7-16-76

Well Name SAN JUAN #1 & SUNRAY B#6		Location NE 1-30-10		CPS No. 3840 287	
Type & Size Bit Used 6 3/4		Work Order No. 90093 854842			
Anode Hole Depth Log 397	Total Drilling Rig Time 41	Total Lbs. Coke Used 41	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 365	# 2 355	# 3 345	# 4 335	# 5 325	# 6 315
# 7 290	# 8	# 9	# 10		
Anode Output (Amps)					
# 1 1.6	# 2 1.7	# 3 3.4	# 4 4.3	# 5 4.4	# 6 3.2
# 7 1.5	# 8	# 9	# 10		
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 12.2	Amps 9.1	Ohms 1.34			

Remarks: Drilled to 460, Wct of 280 start injection, install 2 Anode
Hole Caved - Abandoned Hole - Move & Start
Drilled NG with Mud Drilled to 400
Vent Perforated 280
Slurry 41 Socks Coke
Believe Hole Caved after Anode's were covered.

2248.50
225.60 Depth
17.76 Cable
68.00 Anodes
68.75 Hook wire
2628.61
105.14 Tax
2733.75
219.40 Imp
246.00 Cable
3142.75

GROUND BED LAYOUT SKETCH



2087

384w 7-16-76

MW	gals/mol	
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17.2
100.21	C ₇	17.48
114.23	C ₈	19.39
28.05	C ₂ ²	9.64
42.08	C ₃ ²	9.67

MW	MISC. gals/mol	
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

Drilled to 460
- Wet of 280 -
Install 2 Anodes - Hole
Caved - Abandoned Hole

Start New Hole with Mud
Vent Perf. 280'

Slurry 41 SX Coke

280	5
	.6
90	1.1
	8

300	7
	7
10	9

28	1.0
	1.9

30	2.5
52	25

	2.4
40	2.2

	2.1
50	1.5

60	1.1
	1.0

76	1.1
	9

	7
80	8

6	7
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97	TE
98	



		Wtr.	Coke
1	365	1.2	1.6
2	355	1.3	1.7
3	345	2.6	3.4
4	335	3.1	4.3
5	325 -	3.2	4.4
6	315	1.7	3.2
7	290	1.2	1.5

$$9 \sqrt{12.2 \text{ V}} \quad 9.1 \text{ A} = 1.34 \text{ V}$$

$$\begin{array}{r} 310 \\ 273 \\ \hline 370 \\ 360 \\ \hline \end{array}$$

