

96-30-039-07482
103-30-039-20509
111-30-039-21332

4815

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 31 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #96, #103, #111
cps 124w

Elevation 6661' Completion Date 9/28/71 Total Depth 700' 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. 300'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

Type & amount of coke breeze used: 78 BAGS

OIL CON. DIV
\DIST. 3

Depths anodes placed: 658', 650', 642', 636', 490', 482', 465', 458', 450', 350'

Depths vent pipes placed: N/A

Vent pipe perforations: 407'

Remarks: gb: #2

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). ☐

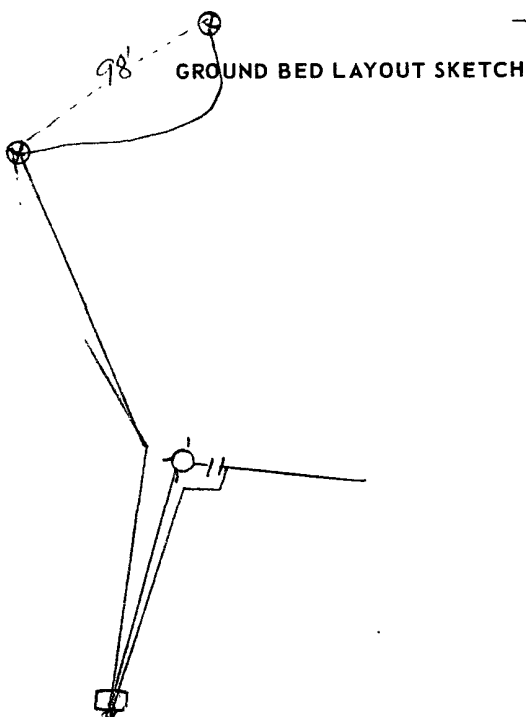
Completion Date 9-20-71

Well Name <u>SJ 29-7 #96</u>		Location <u>SW 31-29-7</u>		CPS No. <u>124w</u>	
Type & Size Bit Used <u>6 3/4</u>		Work Order No. <u>184-52272-50-20</u>			
Anode Hole Depth <u>700'</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>658</u>	# 2 <u>650</u>	# 3 <u>642</u>	# 4 <u>636</u>	# 5 <u>490</u>	# 6 <u>482</u>
# 7 <u>465</u>	# 8 <u>458</u>	# 9 <u>450</u>	# 10 <u>350</u>		
Anode Output (Amps)					
# 1 <u>2.2</u>	# 2 <u>3.3</u>	# 3 <u>2.8</u>	# 4 <u>2.7</u>	# 5 <u>2.2</u>	# 6 <u>2.8</u>
# 7 <u>2.2</u>	# 8 <u>2.6</u>	# 9 <u>2.6</u>	# 10 <u>4.0</u>		
Anode Depth					
# 11 <u>340</u>	# 12 <u>325</u>	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11 <u>3.3</u>	# 12 <u>3.1</u>	# 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>11.5</u>	Amps <u>11.0</u>	Ohms <u>1.04</u>			

Remarks: Driller Said Water at 300' - Drilled to 560 with air & injection,
560 to 700 with Mud. Vent Perforated 407' - Pump 546 shovels
Est. 78 Bags - Slurry From Top 521 shovels Est. 74 Bags - Total 152 Bags

All Construction Completed

[Signature]
(Signature)



MORNING

DAYLIGHT

EVENING

1001

MAKE

—

REMARKS -

REMARKS -

REMARKS - pulled out at 560 ft beyond
Hole no good went back in hole
muddied up pulled to 700 ft.

Company Supervisor

Driller said wet at 300-
124 W - 9-27-71 water @ 527' - Bottom @ 543'

MW	gals/mol
185 C ₁	6.4
30 C ₂	9.56
44 C ₃	10.42
58 C ₄	12.38
72 C ₅	14.34
86 C ₆	16.30
100 C ₇	18.26
114 C ₈	20.22
128 C ₉	22.18
142 C ₁₀	24.14
156 C ₁₁	26.10
170 C ₁₂	28.06
184 C ₁₃	30.02
198 C ₁₄	31.98
212 C ₁₅	33.94
226 C ₁₆	35.90
240 C ₁₇	37.86
254 C ₁₈	39.82
268 C ₁₉	41.78
282 C ₂₀	43.74
296 C ₂₁	45.70
310 C ₂₂	47.66
324 C ₂₃	49.62
338 C ₂₄	51.58
352 C ₂₅	53.54
366 C ₂₆	55.50
380 C ₂₇	57.46
394 C ₂₈	59.42
408 C ₂₉	61.38
422 C ₃₀	63.34

300	32	80	64	1.02	60	1.08	Filled Hole with Water & lagged From 300'	
	69		78	1.64		98		
10	65	90	1.18	1.40	70	92		
	67		1.02	86	71	Bottom		
20	80	500	55	50	80		Vent Perf. 407' Drilled with air to 560 - Mud to 700'	
	104		42	52				
30	1.02	10	44	48	90			
	1.02		40	48				
40	1.13	20	45	60	700		wtr	
	97		70	78				
50	1.00	30		60				
	110			45				
60	92	40		38		1	658	1.26
	90			35		2	650	1.78
70	1.80	50		34		3	642	1.32
	68			32		4	636	1.34
80	60	60		30		5	490	1.40
	52			36		6	482	1.65
90	42	70		34		7	465	1.20
	38			35		8	458	1.20
400	40	80		41		9	450	1.45
	44			35		10	350	1.67
10	97	90		48		11	340	1.56
	88			20		12	325	1.55
20	68	83	600	18				
	60	65		40				
30	48	48	10	50				
	35	52		45				
40	40	45	20	48				
	28	84		50				
50	55	126	30	82				
	95	1.18		110				
60	90	1.08	40	105				
	80	1.10		125				
70	84	98	50	160				
	70	88		132				

Coverd #9 Anode - Hose Plugged

11.5V 11.0 A = 1.04 n

Pump. 546 shovels = 78 Bags
Slurry 521 " = 74 Bags