

157

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117 - 30-039-07458

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

Operator MERIDIAN OIL Location: Unit SE Sec. 10 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #117

cps 1035w

Elevation 6397' Completion Date 10/31/75 Total Depth 550' 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. 150'

Depths gas encountered: N/A

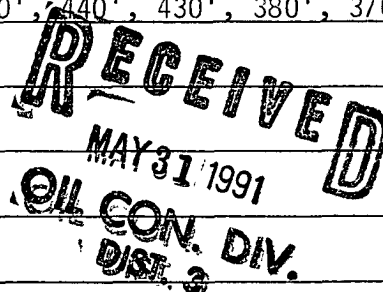
Type & amount of coke breeze used: 6000 lbs.

Depths anodes placed: 485', 475', 460', 450', 440', 430', 380', 370', 320', 310'

Depths vent pipes placed: N/A

Vent pipe perforations: 350'

Remarks: qb #1



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

Handwritten signature

Drilling Log (Attach Hereto). ☐

Completion Date 10-31-75

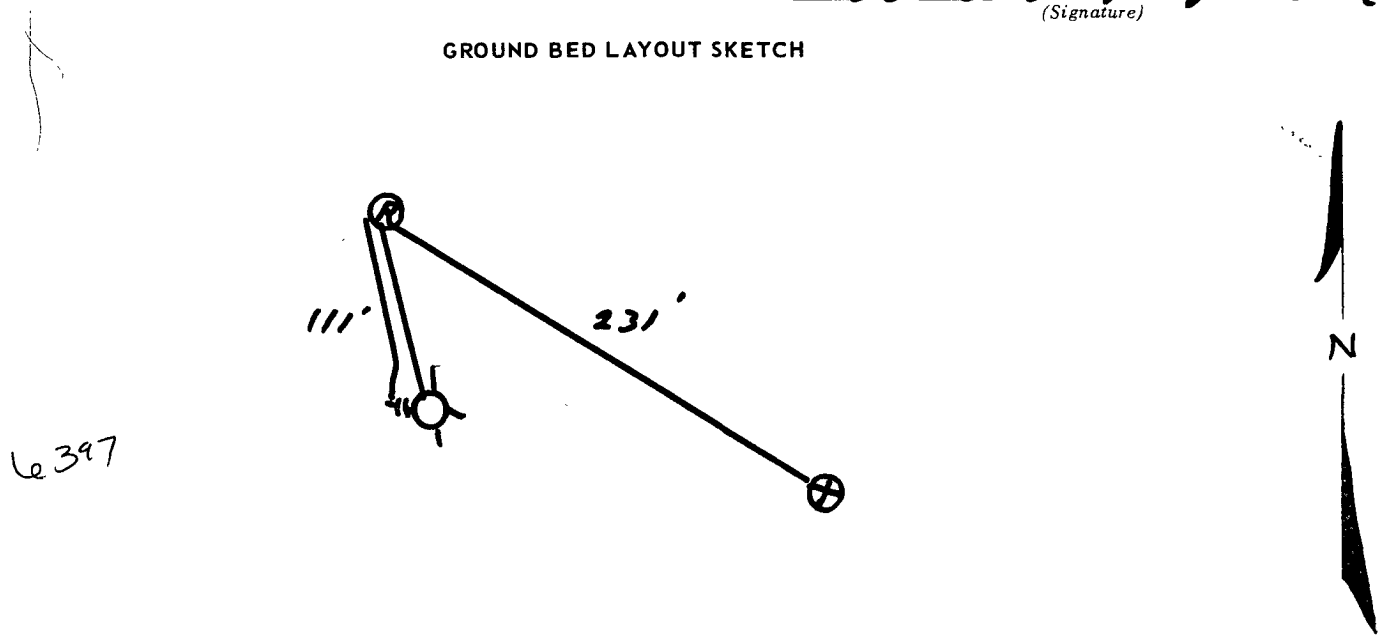
Well Name SAN JUAN 28-6 #117		Location SE 10 - 28N - 6W		CPS No. 1035 W	
Type & Size Bit Used 6 3/4"				Work Order No. 20546.19-50-20	
Anode Hole Depth 550	Total Drilling Rig Time	Total Lbs. Coke Used 6,000	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 485	# 2 475	# 3 460	# 4 450	# 5 440	# 6 430
# 7 380	# 8 370	# 9 320	# 10 310		
Anode Output (Amps)					
# 1 2.3	# 2 2.7	# 3 2.6	# 4 1.8	# 5 2.5	# 6 3.0
# 7 1.8	# 8 3.0	# 9 2.8	# 10 2.8		
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 11.2	Amps 12.5	Ohms 0.89	4620		

Remarks: DRILL WITH AIR DRILLER SdID WD TCR A
150'. VENT HOSE PERFORATED 350'
LOGGING ANODE STOPPED AT 514'

All Construction Completed

Edward R. Pauler
(Signature)

GROUND BED LAYOUT SKETCH



MORGAN DRILLING COMPANY

P.O. Box 326 • Broken Bow, Oklahoma 74728

Ph. Office 405/584-6000

Mobile 584-6860

Night 420-3248

DATE 11-30-75

Work Order No. 181-20546-19-50

SAN JUAN 28-6 #117

CUSTOMER LL PASO GAS Co.		SERVICE ADDRESS BOX 990		CITY FARMINGTON N MEX ST	
REC. NO. 03 1035W	REQ. NO.	SERVICEMAN MORGAN DRILLING	VEHICLE NO. T4	DATE COMPLETED	

LITHOLOGIC LOG

[illegible]

Date started _____, 19____

Date completed _____, 19____

INSTRUCTIONS:

SERVICE PERFORMED:	
TOTAL DEPTH	514
RIG TIME	
WATER TRUCK	

DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Robert Richards

Address _____

Well driller's license number _____

Signed _____

Date _____

Customer's Signature

By

1035W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 10.15
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	C ₇ 15.57
142	IC ₇ 17.2
156	C ₈ 17.46
170	IC ₈ 19.2
184	C ₉ 19.44
200	C ₁₀ 21.2
216	IC ₉ 21.46
232	C ₁₁ 23.2
248	IC ₁₀ 23.46
264	C ₁₂ 25.0
280	IC ₁₁ 25.2
296	C ₁₃ 26.8
312	IC ₁₂ 27.0
328	C ₁₄ 28.6
344	IC ₁₃ 28.8
360	C ₁₅ 30.4
376	IC ₁₄ 30.6
392	C ₁₆ 32.2
408	IC ₁₅ 32.4
424	C ₁₇ 34.0
440	IC ₁₆ 34.2
456	C ₁₈ 35.8
472	IC ₁₇ 36.0
488	C ₁₉ 37.6
504	IC ₁₈ 37.8
520	C ₂₀ 39.4
536	IC ₁₉ 39.6
552	C ₂₁ 41.0
568	IC ₂₀ 41.2
584	C ₂₂ 42.6
600	IC ₂₁ 42.8
616	C ₂₃ 44.2
632	IC ₂₂ 44.4
648	C ₂₄ 45.8
664	IC ₂₃ 46.0
680	C ₂₅ 47.4
696	IC ₂₄ 47.6
712	C ₂₆ 49.0
728	IC ₂₅ 49.2
744	C ₂₇ 50.6
760	IC ₂₆ 50.8
776	C ₂₈ 52.2
792	IC ₂₇ 52.4
808	C ₂₉ 53.8
824	IC ₂₈ 54.0
840	C ₃₀ 55.4
856	IC ₂₉ 55.6
872	C ₃₁ 57.0
888	IC ₃₀ 57.2
904	C ₃₂ 58.6
920	IC ₃₁ 58.8
936	C ₃₃ 60.2
952	IC ₃₂ 60.4
968	C ₃₄ 61.8
984	IC ₃₃ 62.0
1000	C ₃₅ 63.4
1016	IC ₃₄ 63.6
1032	C ₃₆ 64.8
1048	IC ₃₅ 65.0
1064	C ₃₇ 66.2
1080	IC ₃₆ 66.4
1096	C ₃₈ 67.6
1112	IC ₃₇ 67.8
1128	C ₃₉ 69.0
1144	IC ₃₈ 69.2
1160	C ₄₀ 70.4
1176	IC ₃₉ 70.6
1192	C ₄₁ 71.8
1208	IC ₄₀ 72.0
1224	C ₄₂ 73.2
1240	IC ₄₁ 73.4
1256	C ₄₃ 74.6
1272	IC ₄₂ 74.8
1288	C ₄₄ 76.0
1304	IC ₄₃ 76.2
1320	C ₄₅ 77.4
1336	IC ₄₄ 77.6
1352	C ₄₆ 78.8
1368	IC ₄₅ 79.0
1384	C ₄₇ 80.2
1400	IC ₄₆ 80.4
1416	C ₄₈ 81.6
1432	IC ₄₇ 81.8
1448	C ₄₉ 83.0
1464	IC ₄₈ 83.2
1480	C ₅₀ 84.4
1496	IC ₄₉ 84.6
1512	C ₅₁ 85.8
1528	IC ₅₀ 86.0
1544	C ₅₂ 87.2
1560	IC ₅₁ 87.4
1576	C ₅₃ 88.6
1592	IC ₅₂ 88.8
1608	C ₅₄ 90.0
1624	IC ₅₃ 90.2
1640	C ₅₅ 91.4
1656	IC ₅₄ 91.6
1672	C ₅₆ 92.8
1688	IC ₅₅ 93.0
1704	C ₅₇ 94.2
1720	IC ₅₆ 94.4
1736	C ₅₈ 95.6
1752	IC ₅₇ 95.8
1768	C ₅₉ 97.0
1784	IC ₅₈ 97.2
1800	C ₆₀ 98.4
1816	IC ₅₉ 98.6
1832	C ₆₁ 99.8
1848	IC ₆₀ 100.0

MW	MISC	gas/mol
44	CO ₂	6.38
58	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	3.38

175	1.2		50	1.8	Driller said water 15'			
80	1.4			1.8	Vent Per 350'			
	1.4		60	1.8				
90	1.6			1.6				
	1.4	②	70	1.8				
200	1.2			2.0				
	.8	⑦	80	1.8				
10	.7			1.6				
	.8		90	1.6				
20	.8			1.7				
	1.1		400	1.4				
30	1.0			1.4				
	1.0		10	1.4				
40	1.0			1.6				
	.9		20	1.4				
50	.8			1.5				
	1.0	③	30	2.0	51			
60	.6			1.8	1	485	1.7	2.3
	1.6	③	40	1.6	2	475	1.9	2.7
70	2.0			1.6	3	460	2.0	2.6
	1.9	③	50	1.8	4	450	2.0	2.8
80	1.8			1.4	5	440	1.8	2.5
	1.8	③	60	1.6	6	430	2.2	3.0
90	1.6			1.4	7	380	2.0	2.8
	1.6		70	1.4	8	370	2.2	3.0
300	1.6	②		1.6	9	320	2.2	2.8
	1.6		80	1.5	10	310	1.9	2.8
⑩ 10	1.8	①		1.6				
	1.7		90	1.4	4120			
② 20	2.0			1.4	300			
	1.8		500	1.2	4611.2	12.5	0.89	
30	1.7			1.1				
	1.5		10	1.0				
40	1.5				514 TD			
	1.6		20					