

927 #3 30-039-07298
#81 30-039-20187

5

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. 26 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #3, #81

cps 1134w

Elevation 6855' Completion Date 9/19/77 Total Depth 340' 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. 100' - 110'

Depths gas encountered: N/A

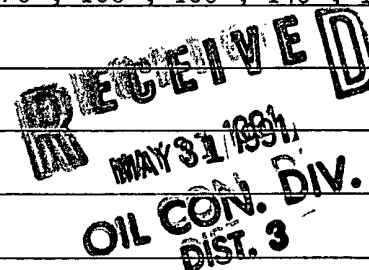
Type & amount of coke breeze used: 30 SACKS

Depths anodes placed: 255', 245', 235', 225', 215', 170', 160', 150', 140', 130'

Depths vent pipes placed: 260' OF 1" pvc VENT PIPE

Vent pipe perforations: 200'

Remarks: gb #1 & 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 9-19-77

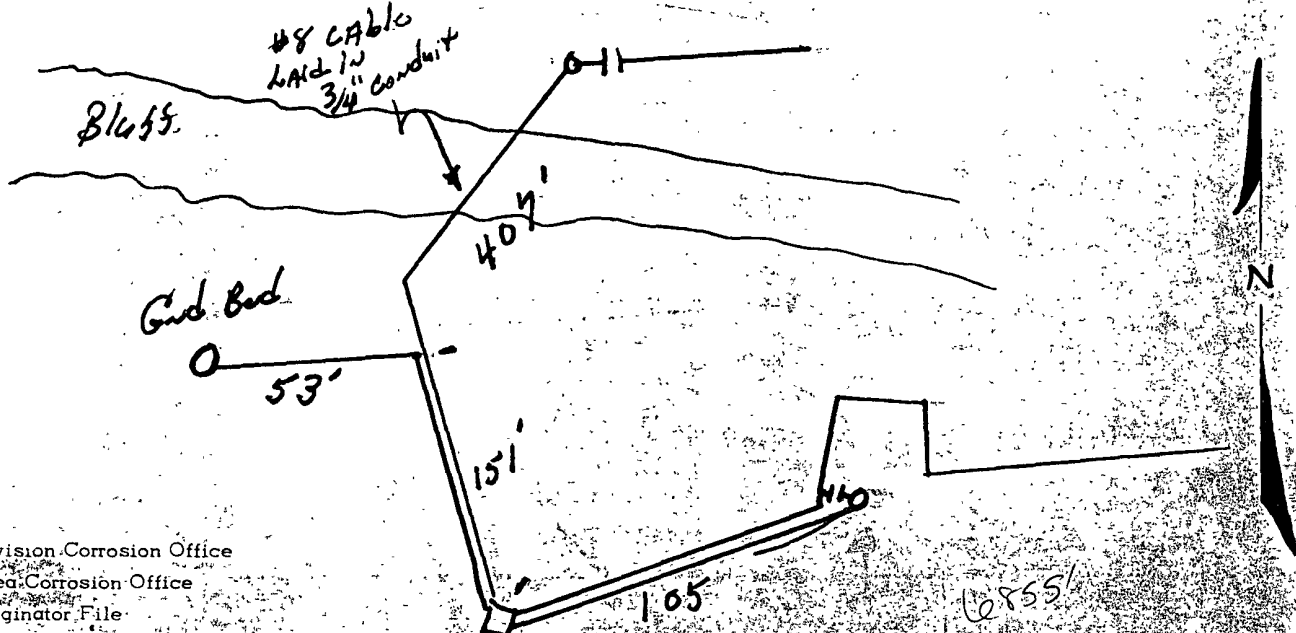
Well Name SAN JUAN 28-5 Unit #3 NP		Location SW 26-28-5		CPS No. 1134W	
Type & Size Bit Used 6 3/4"				Work Order No. #3C 52404.19 #81 = 54700.19	
Anode Hole Depth 340 Logged-326	Total Drilling Rig Time	Total Lbs. Coke Used 30	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 255	# 2 245	# 3 235	# 4 225	# 5 215	# 6 170
# 7 160	# 8 150	# 9 140	# 10 130		
Anode Output (Amps)					
# 1 4.3	# 2 4.6	# 3 4.2	# 4 4.5	# 5 4.0	# 6 3.9
# 7 4.3	# 8 4.4	# 9 4.7	# 10 3.8		
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					
Volts 11.6	Amps 19.6	Ohms 0.59			
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: Static #3 600' N = 0.82. Static #81 600' SW 0.72 Driller said
MAKING water between 100' & 110'. DRILLED to 280 bit Locked up. Logged
Hole. Logging Anode Stopped @ 185. DRILLED to 340. Water standing @ 100'.
Perforated 200' of 1" PVC Vent Pipe. Installed 260' of 1" PVC Vent Pipe
SHIPPED 30 SACKS of COKE. #3 MARKED 3 notches #81 MARKED 1 notch.
Installed 60V 30A Rectifier & Stub Pole. Installed 300' of 3/4" Conduit, Rig

All Construction Completed

Loretta E Knight
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

- WHITE - Division Corrosion Office
- YELLOW - Area Corrosion Office
- PINK - Originator File

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 9-16-7
Date: 9-16-7
By: _____
File: _____

SAN JUAN 28-5 #3 NP

W/O 184-52404.19-50-20

SAN JUAN 28-5 #81

W/O 184-54700.19-50-20

SW 26-28-5

CPS 1134 W

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 17.46
114.23	C ₈ 19.39
28.05	C ₂ 9.64
42.08	C ₃ 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

STATIC 28-5 #3 - 600' N = .82		DRILLER 50' MAKING WATER AT	
STATIC 28-5 #81 - 600' SW = .72		100 TO 110', NEXT A.M. BLEW WATER	
60V 30A RECT		INSTALLED 260 #2 1" VENT PIPE	
STUD POLE		PERFORATED 200 #2 VENT PIPE	
		STUCK ROD JACKS CORE	
100	1.5	50	2.0
	1.4		1.8
10	1.2	60	1.4
	1.6		1.3
20	1.7	70	1.4
	1.4		1.8
30	1.5 (10)	80	1.5
	1.7		1.3
40	1.9 (9)	90	1.4
	1.9		1.6
50	1.4 (8)	300	1.5
	1.4		logged 326
60	1.7 (7)	10	
	1.3		
70	1.4 (6)	20	
	1.5		
80	1.9	30	
	2.0		
90	1.5	40	
	1.5		
200	1.9	① 235	2.0 4.3
	2.1	② 245	2.0 4.6
10	1.8	③ 235	1.8 4.2
	1.7	④ 225	1.9 4.5
20	1.6	⑤ 215	1.8 4.0
	1.8	⑥ 170	1.5 3.9
30	1.8	⑦ 160	1.9 4.3
	1.7	⑧ 150	1.9 4.4
40	1.6	⑨ 140	2.1 4.7
	1.8	⑩ 130	1.8 3.8
		VOLTS 11.6	
		AMPS 19.6	
		OHMS 0.59	

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

____ Company Supervisor