

922 #39 30-039-07397

E

#98 30-039-21820

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

Operator MERIDIAN OIL Location: Unit NE Sec. 24 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #39, #98

cps 1129w

Elevation 7412' Completion Date 11/4/77 Total Depth 320' 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'

Depths gas encountered: N/A

Type & amount of coke breeze used: 40 SACKS

Depths anodes placed: 295', 285', 275', 265', 255', 240', 230', 220', 210', 200'

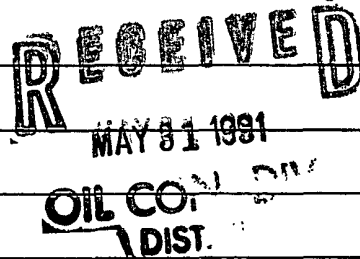
Depths vent pipes placed: 310' OF 1" PVC VENT PIPE

Vent pipe perforations: 210'

Remarks: gb #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

Drilling Log (Attach Hereto). ☐ *has*

Completion Date 11-4-77

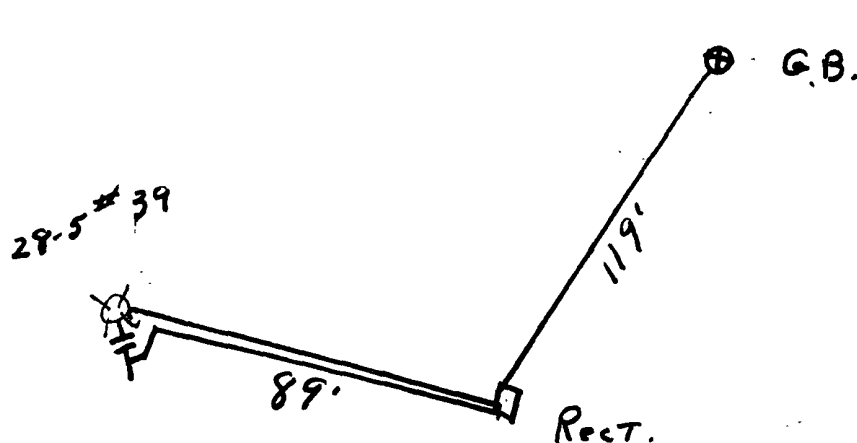
Well Name SAN JUAN 28-5#39		Location NE 24-28-5		CPS No. 1129 W	
Type & Size Bit Used 6 3/4"				Work Order No. 184-53964.19-50-20	
Anode Hole Depth 320' <i>logged 315'</i>	Total Drilling Rig Time	Total Lbs. Coke Used 40 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 295'	# 2 285'	# 3 275'	# 4 265'	# 5 255'	# 6 240'
# 7 230'	# 8 220'	# 9 210'	# 10 200'		
Anode Output (Amps)					
# 1 4.0	# 2 4.7	# 3 4.0	# 4 3.6	# 5 3.6	# 6 3.6
# 7 4.4	# 8 4.8	# 9 5.1	# 10 4.3		
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	
Volts 11.3	Amps 16.3	Ohms .69			No. 2 C.P. Cable Used

Remarks: DRILLER SAID HIT WATER AT 100', DRILLED TO 320', NEXT AM BLEW WATER
INSTALLED 310' OF 1" VENT PIPE, PERFORATED 210' OF VENT PIPE
SLURRIED 40 SACKS OF COKE
40V 16A RECT.
STUB POLE

All Construction Completed

William Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

7412

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: _____ of _____
Date: 11-2-77
By: _____
File: _____SAN JUAN 28-5 # 39
NE 24-28-5
CPS 1129 W

W/D 184-53962-50-20

295

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 600' N = .70		DRILLER Said 100' Solid Brew	
40V 16A Rect		WATER	
STUD Pole		INSTALLED 3/10 of 1" VENT PIPE	
		PERFORATED 2/10 of VENT PIPE	
		SLURRYed 40 SACKS OF CORE	
100	50 .6		
	1.4 ③		
10	2.1		
	2.2 ④		
20	1.9		
	2.1 ③		
30	2.5		
	2.6 ②		
40	2.4		
	2.0 ①		
50	2.1		
1.1	2.3		
60	2.4		
1.3	1699ed 315		
.4	20 TD 320		
.3			
.6		① 295	2.3 4.0
.7		② 285	3.1 4.7
.4		③ 275	2.4 4.0
.9		④ 265	2.2 3.6
1.5		⑤ 255	2.0 3.6
1.9 ⑦		⑥ 240	2.1 3.6
2.7		⑦ 230	2.6 4.4
10 2.8 ⑧		⑧ 220	2.8 4.8
2.5		⑨ 210	3.0 5.1
20 2.4 ⑩		⑩ 200	2.4 4.3
2.4		⑪ 190	1.6 2.7
30 2.3 ⑪			
2.2			
40 1.4 ⑫		143 volts	
.3		16.3 AMPS	
		0.69 OHMS	

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

____ Company Supervisor