

30-039-07432

872

8

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. 13 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #31

cps 1112w

Elevation 7410' Completion Date 11/11/77 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. 80' - 100'

Depths gas encountered: N/A

Type & amount of coke breeze used: 22 SACKS

Depths anodes placed: 290', 280', 270', 260', 240', 230', 220', 210', 200', 190'

Depths vent pipes placed: 315' OF 1" PVC VENT PIPE

Vent pipe perforations: 200'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. ?

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 11-11-77

Well Name SAN JUAN 28-5 UNIT #31		Location NE13-28-5		CPS No. 1112 W	
Type & Size Bit Used 6 3/4"				Work Order No. 53569.19	
Anode Hole Depth 320 Logged - 310	Total Drilling Rig Time	Total Lbs. Coke Used 22	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 290	# 2 280	# 3 270	# 4 260	# 5 240
	# 6 230	# 7 220	# 8 210	# 9 200	# 10 190
Anode Output (Amps)	# 1 6.0	# 2 4.0	# 3 3.6	# 4 3.4	# 5 3.2
	# 6 4.0	# 7 3.6	# 8 4.3	# 9 4.8	# 10 3.3
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance	Volts 11.7		Amps 18.7		Ohms 0.63
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

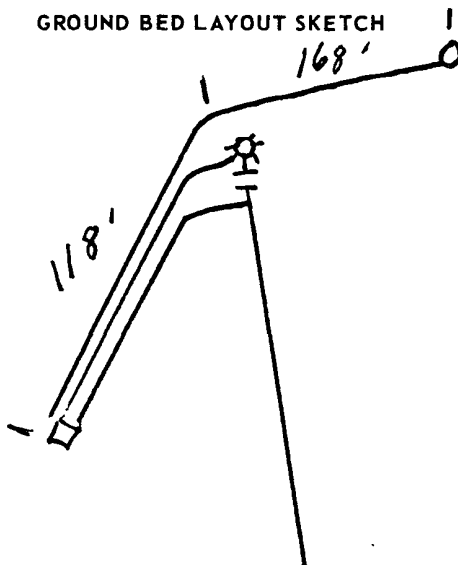
Remarks: Static 600' South = 0.71. DRILLER SAID MAKING WATER between 80' & 100'. DRILLED to 120' next AM blew water. Installed 315' of 1" PVC Vent Pipe. Perforated 200' of 1" PVC Vent Pipe. Shipped 22 sacks of coke

Installed 40V 16 A Rectifier & stub Pole

All Construction Completed

W. L. Luth
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

7410

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

SAN JUAN 28-5 Unit # 31 NE 13-28-5 1112'N 5356 9.19

MW		gals/mol
16.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	iC4	12.38
58.12	nC4	11.93
72.15	iC5	13.85
72.15	nC5	13.71
86.18	iC6	15.50
86.18	C6	15.57
100.21	iC7	17.2
100.21	C7	17.46
114.23	C8	19.39
28.05	C2	9.64
42.08	C3	9.67

MW	MISC.		gals/mol
32.00	O2		3.37
28.01	CO		4.19
44.01	CO2		6.38
64.06	SO2		5.50
34.08	H2S		5.17
28.01	N2		4.16
2.02	H2		3.38

STATIC 600' South = 0.71		DRILLER SAID MAKING WATER BETWEEN 80' & 100'. DRILLED TO 100' NEXT AM. A LOW WATER. INSTALLED 315' OF 1" PVC VENT PIPE PERFORATED 200' OF 1" PVC VENT PIPE SLURRED 22' OF 1" PVC VENT PIPE	
40 V 16 A Rectifier			
Static Palo			
100	1.7		
10	1.8	(4)	
20	1.8	(3)	
1.5	1.6		
30	2.1	(2)	
1.7	2.4		
40	2.5	(1)	
1.7	2.6		
50	2.4		
1.3	2.1		
60	TD		
2			
70			
3		(1) 290	3.7 6.0
80		(2) 280	2.4 4.0
1.5		(3) 270	2.2 3.6
7		(4) 260	2.3 3.4
20	1.1 (10)	(5) 240	2.6 3.2
2.0		(6) 230	2.6 4.0
200	2.3 (9)	(7) 220	2.4 3.6
2.2		(8) 210	2.8 4.3
10	2.1 (8)	(9) 200	3.6 4.8
2.0		(10) 190	1.9 3.2
20	1.9 (7)		
1.9			
30	2.0 (6)		
2.0			
40	2.0 (5)		
1.8			
		11.7 Volts	
		18.7 Amps	
		0.63 ohms	

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

Company Supervisor