

785
44-30-039-07294

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. 27 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #44

cps 1065w

Elevation 6764' Completion Date 10/6/76 Total Depth 395' 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. WET AT 50'

Depths gas encountered: N/A

Type & amount of coke breeze used: 45b SACKS

Depths anodes placed: 375', 365', 355', 345', 315', 305', 295', 275', 265', 255'

Depths vent pipes placed: N/A

Vent pipe perforations: 280'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

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 10-6-76

Well Name SAN JUAN 28-S #44		Location SW-27-28-5		CPS No. 1065 W	
Type & Size Bit Used 6 3/4				Work Order No. 53967	
Anode Hole Depth Log 395'	Total Drilling Rig Time	Total Lbs. Coke Used 45 SKS.	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	375'	365	355	345	315
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	3.5	4.1	4.4	4.1	3.0
Anode Depth	# 6	# 7	# 8	# 9	# 10
	305	295	275	265	255
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	3.8	4.1	4.3	5.5	3.0
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 12.5		Amps 18.6		Ohms 0.67
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: **DRILLER SAID FIRST WET @ abt 50'**
WATER STANDING @ 136' OVERNIGHT
VENT PERF. 280'
45 SACKS SLURRY.

2,248.50
216.00 Depth
170.00 Anodes
153.45 " Lead Wire
194.50 Rectifier

GROUND BED LAYOUT SKETCH

All Construction Completed

C. W. Hines
(Signature)

2982.45
119.29 TAX
213.40 Insp.
50.00 Misc.

\$ 3,365.14 TOTAL

**POSTIVE NOT
INSTALLED**

GB

DISTRIBUTION:

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

Let's

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

5W-27-28.5

1065W

E.P.N.G.

SAN JUAN

28-5-#44

53967

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

100		325	.6		
5		30	.6		
10		25	.7		
15		40	.9		
20		45	1.8x		
25		50	2.1		
30		55	1.7x		
35		60	1.6		
40	.3	65	1.8x		
45	.1	70	1.1		
50	.1	75	1.6x		
55	.0	80	.9		
60	.0	85	.4		
65	.2	90	1.1	T.D. 395	
70	.2	95			
75	.1	400			
80	1.3				
85	1.8				
90	1.3				
95	.5				
200	.3	1	375	1.9	3.5
5	.4	2	365	2.2	4.1
10	.4	3	355	2.2	4.4
15	1.2	4	345	2.6	4.9
20	1.5	5	315	1.9	3.0
25	.8	6	305	2.0	3.8
30	1.1	7	295	2.0	4.1
35	1.3	8	275	2.2	4.3
40	1.2	9	265	3.5	5.5
45	.8	10	255	1.8	3.0
50	.7				
55	1.4x				
60	2.4				
65	2.9x				
70	2.8				
75	1.7x				
80	.5				
85	1.2				
90	2.5				
95	2.2x				
300	2.1				
5	1.8x				
10	1.7				
15	1.6x				
20	.8				

280' Perf.

WATER STANDING @ 136'

