

936 # 55 30-039-07369
86 30-039-20364

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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. 23 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #55, #86

cps 1128w

Elevation 7088' Completion Date 10/24/77 Total Depth 530' 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. 320'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

Type & amount of coke breeze used: 50 SACKS

OIL CON. D"

Depths anodes placed: 465', 455', 445', 425', 415', 395', 385', 370', 360', 350'

Depths vent pipes placed: 480' OF 1" PVC VENT PIPE

Vent pipe perforations: 200'

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) ☐

Completion Date 10-24-77
06-7-1977

Well Name SW 28-5#55 & #86		Location SW 23-28-5		CPS No. 1128W	
Type & Size Bit Used 6 3/4		Work Order No. 54261.19 & 54813.19			
Anode Hole Depth 530' logged 493'	Total Drilling Rig Time	Total Lbs. Coke Used 50 sacks	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 465'	#2 455'	#3 445'	#4 425'	#5 415'	#6 395'
#7 385'	#8 370'	#9 360'	#10 35		
Anode Output (Amps)					
#1 2.7	#2 3.0	#3 2.5	#4 3.5	#5 3.4	#6 2.2
#7 2.5	#8 2.2	#9 3.7	#10 3.1		
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 12.9		Ohms .90
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: **STATIC RES 600 SW #55 = 0.77 600 W #86 = 0.73**

GRAPHITE ANODES

DRILLER SAID HIT WATER AT 320

INSTALLED 480' OF 1" VENT PIPE, PERFORATED 200' OF VENT PIPE

SLURRIED 50 SACKS OF COKE

10 GRAPHITE ANODES

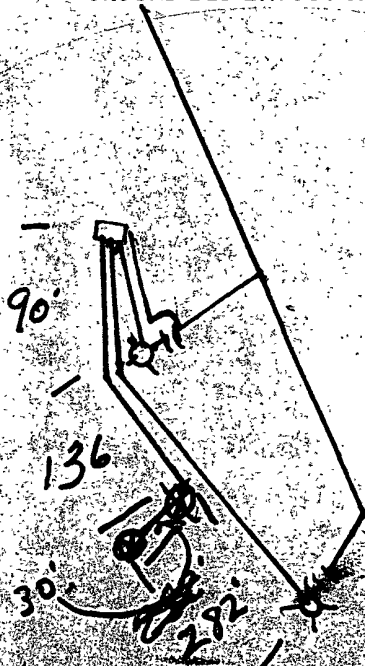
60-30-RECT.

STUB POLE

All Construction Completed

David B. Smith
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

7088

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: of
Date: 10-24-77
By:
File:

SAN JUAN 28-5[#]55 W/D 184-54261.19-50-20
 SAN JUAN 28-5[#]86 W/D 184-54813.19-50-20
 SW 23-28-5
 CPS 1128 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 [#] 55 600' SW=.77		DRILLER Said hit WATER AT 320'	
STATIC 28-5 [#] 86 600' W=.73		Installed 480' of 1" VENT PIPE	
60V30A Rect		Perforated 200' of VENT PIPE	
STUB Pole		Slurried 50 sack CEMENT	
10 Graphite Anodes			
320	1.0	50	1.3 ③
	1.1		
30	1.4	60	1.4 ②
	1.6		
40	1.5		1.2 ①
	1.4	70	1.1
50	1.3 ⑩		1.2
	1.5	80	1.1
60	1.5 ⑨		1.0
	1.6	90	1.0
70	1.2 ⑧	1099' 493'	
	.6	TD 530'	
80	.8		
	1.2 ⑦	10	
90	1.2		
	1.1 ⑥	20	① 465 1.4 2.7
400	.8		② 455 1.6 3.0
	.7	30	③ 445 1.5 2.5
10	.8		④ 425 1.9 3.5
	1.4 ⑤		⑤ 415 1.8 3.4
20	1.8		⑥ 395 1.3 2.2
	1.6 ④		⑦ 385 1.5 2.5
30	.8		⑧ 370 1.3 2.2
	.8		⑨ 360 2.1 3.7
40	.7		⑩ 350 1.8 3.1
		11.6 Volts	
		12.9 Amps	
		90 Ohms	

LEASE NO. 1128 CONTRACTOR JOSEY WELL NO. 1128 RIG NO. CD REPORT NO. 1052 DATE OCT 24 19 77

[illegible]Company Supervisor JB