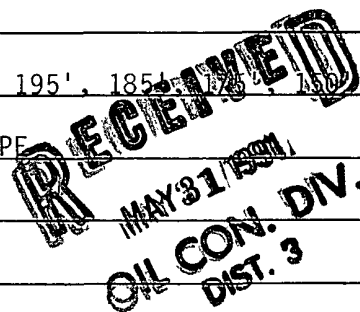


923

#37 30-039-67368
#92 30-039-20634

E

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. 24 Twp 28 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #37, #92cps 1130wElevation 7300' Completion Date 10/27/77 Total Depth 320' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 120'Depths gas encountered: N/AType & amount of coke breeze used: 28 SACKSDepths anodes placed: 270', 260', 235', 225', 215', 195', 185'Depths vent pipes placed: 280' OF 1" PVC VENT PIPEVent pipe perforations: 200'Remarks: qb #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). ☐

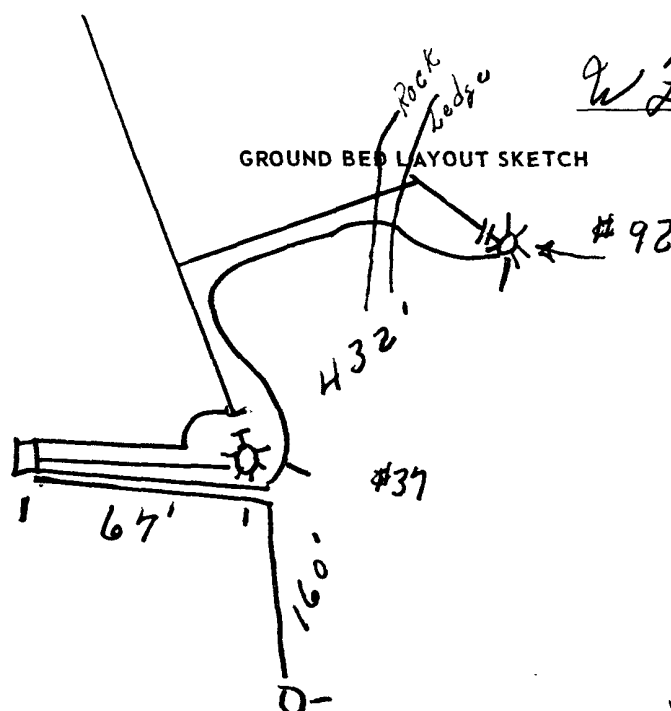
Completion Date 10-27-77

Well Name SAN JUAN 28-5 UNIT #37		Location SW 24-28-5		CPS No. 1130 W	
Type & Size Bit Used 6 3/4"				Work Order No. #37= 53770-19 #92= 55419-19	
Anode Hole Depth 320 Logged - 295	Total Drilling Rig Time	Total Lbs. Coke Used 28	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 270	# 2 260	# 3 235	# 4 225	# 5 215	# 6 205
# 7 195	# 8 185	# 9 175	# 10 150		
Anode Output (Amps) 3.5					
# 1 3.8	# 2 3.5	# 3 3.4	# 4 5.2	# 5 4.4	# 6 3.2
# 7 4.1	# 8 3.3	# 9 3.7	# 10 4.1		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 11.6	Amps 15.9	Ohms 0.73			

Remarks: Static #37 600'N = 0.70, Static #92 600'N = 0.70.
Installed 10-2"x2"x48" Graphite Anodes. Driller said making water
@120'. Drilled to 220'. Next AM blew water. Drilled to 320' & logged.
Slurried 28 sacks of coke. Installed 280' of 1" PVC vent Pipe. Per Sec 1
200 of 1" PVC vent Pipe. #37 marked 1 notch. #92 marked 3 notches
600 30A Rectifier & stub pole.

All Construction Completed

W Z Lugo
(Signature)



DISTRIBUTION:

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

7300

El Paso Natural Gas Company
ENGINEERING CALCULATION

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

SAN JUAN 28-5^D 37
SAN JUAN 28-5^D 92
SW 24-28-5
CPS 1130W

W/D 184-53770-19-50-20
W/D 184-55419-19-50-20

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 #37-600'N = .70		DRILLER SAID HIT WATER AT	
STATIC #92-600'N = .70		120' DRILLED TO 220', NEXT A.M.	
60V 30A RECT		Blew WATER	
STUD POLE		INSTALLED 280 OF 1" VENT PIPE	
		PERFORATED 300 OF VENT PIPE	
		SLURRIED 28 SACKS COKE	
120 .1			
30 .5	50 .1		
1.4	1.2		
40 .4	60 .3	(2)	
	1.8		
1.7	70 .7	(1)	
50 .8 - (10)	1.2		
1.4	80 .1		
60 .1	1.1		
.4	90 .0		
70 .3	295 + P.		
1.7 - (9)	300		
80 .6			
1.6 - (8)	10		
90 .8			
1.7 - (7)	20		
200 .7			
1.6 - (6)	30		
10 .6			
2.0 - (5)	40		
202.0		(1) 270 - 2.3	3.8
2.2 - (4)		(2) 260 - 2.0	3.5
302.0		(3) 235 - 2.0	3.4
1.7 - (3)		(4) 225 - 3.0	5.2
40 .4		(5) 215 - 2.7	4.4
1.3		(6) 205 - 2.0	3.2
		(7) 195 - 2.2	4.1
		(8) 185 - 2.0	3.3
		(9) 175 - 2.1	3.7
		(10) 150 - 2.4	4.1
		11.6	VOLTS
		15.9	AMPS
		0.73	OHMS

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

____ Company Supervisor