

886

#45 30-039-20063
#47 30-039-07280

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 NE Sec. 36 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #45, #47

cps 1144w

Elevation 6750' Completion Date 9/23/77 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'

Depths gas encountered: N/A

Type & amount of coke breeze used: 35 SACKS

Depths anodes placed: 265', 255', 245', 235', 220', 210', 195', 180', 130', 120'

Depths vent pipes placed: 280'

Vent pipe perforations: 200'

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 9-23-77

Well Name SAN JUAN 28-5 Unit #47		Location NE 36-28-5		CPS No. 1144W	
Type & Size Bit Used 6 3/4"		Work Order No. #45 = 54500.19 #47 = 80023.19			
Anode Hole Depth 320 Logged - 291	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 265	# 2 255	# 3 245	# 4 235	# 5 220	# 6 210
# 7 150	# 8 140	# 9 130	# 10 120		
Anode Output (Amps)					
# 1 4.0	# 2 3.6	# 3 3.3	# 4 3.7	# 5 3.4	# 6 3.8
# 7 2.8	# 8 3.1	# 9 3.8	# 10 3.3		
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 11.3	Amps 13.1	Ohms 0.86			

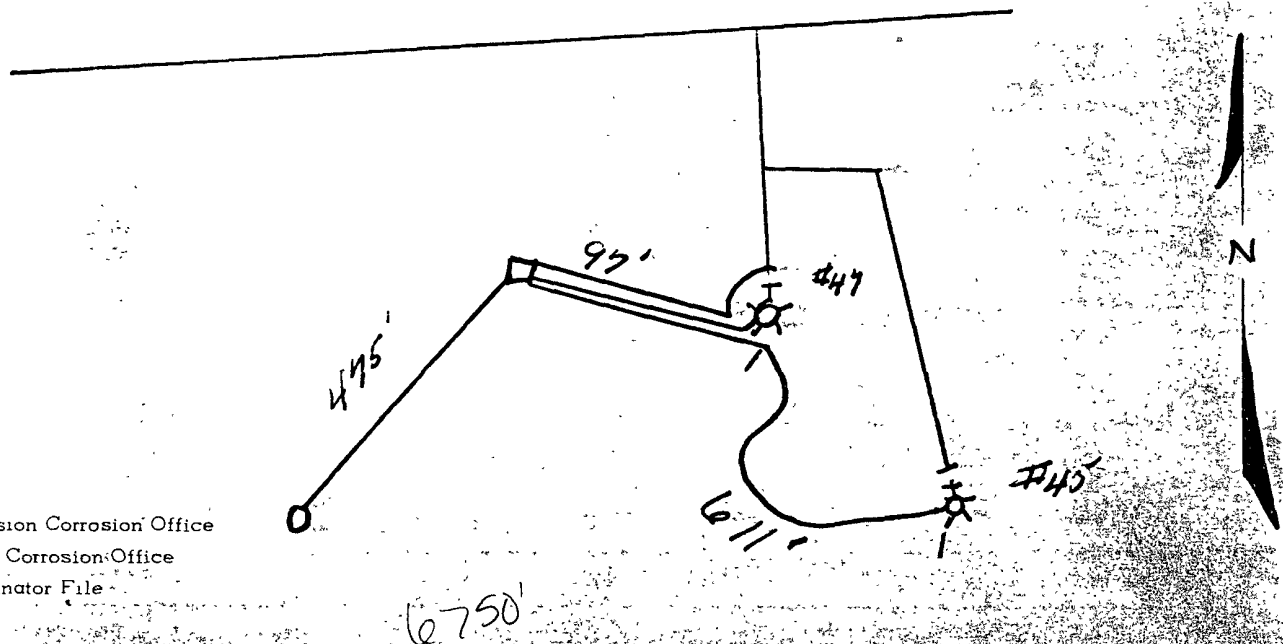
Remarks: Static #45 600'W = 0.72. Static #47 600'SW = .76.
DRILLER SAID MAKING WATER @ 80'. PERFORATED 220' OF 1" PVC VENT PIPE
INSTALLED 280' OF 1" PVC VENT PIPE. SLURRIED SACKS OF COKE.
#45 MARKED 3 NOTCHES. #47 MARKED 1 NOTCH.

INSTALLED 60V 30A RECTIFIER & STAB. POLE

All Construction Completed

W L Loretto
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE - Division Corrosion Office
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El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1Date: 9-22-77

By: _____

File: _____

265
80
185

S.J. 28-5 Unit # 45

S.J. 28-5 Unit # 47

NE 36-28-5

1144W

54500.19

80023.19

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 #45	600' W =	0.72			DRILLER SAID MAKING WATER
Static #47	600' SW =	0.76			④ 80'
60V 30A Rectifier					PERFORATED 220' of 1" PVC vent pipe
Stub Pole					Installed 280' of 1" PVC vent pipe
					stirred 20 35 SACKS of COKE
80	.80	30	1.9		
	.60		1.8	④	
90	1.3	40	1.9		
	1.4		1.9	③	
100	1.6	50	1.8		
	1.8		1.9	②	
10	1.7	60	1.9		
	1.9		2.2	①	
20	1.8	70	2.2		
	1.6		1.9		
30	1.9	80	2.1		
	2.0		2.0		
40	1.6	90			
	1.3	291	+ D.		
50	1.8	300			
	1.3				① 265 2.5 4.0
60	1.3	10			② 255 2.3 3.6
	1.1				③ 245 2.2 3.3
70	.9	20			④ 235 2.2 3.7
	.8				⑤ 220 2.2 3.4
80	.9				⑥ 210 2.3 3.8
	1.1				⑦ 150 1.8 2.8
90	1.6				⑧ 140 2.0 3.1
	1.6				⑨ 130 2.4 3.8
200	1.3				⑩ 120 2.1 3.3
	1.5				
10	1.8	⑥			11.3 volts
	2.2				13.1 amps
20	1.9	⑤			0.86 OHMS
	1.5				

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

____ Company Supervisor