

#53 30-039-07259

#73 30-039-20036

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. 35 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #53, #73

cps 1142w

Elevation 6657' Completion Date 9/16/77 Total Depth 340' 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. 35' - 80'

Depths gas encountered: N/A GB MAKING GAS

Type & amount of coke breeze used: 46 SACKS

Depths anodes placed: 275', 265', 250', 240', 230', 190', 180', 170', 110', 100'

Depths vent pipes placed: 280'

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.

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

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 9-16-77

Well Name SAN JUAN 28-5 UNIT # 73		Location NE 35-28-5		CPS No. 1142W	
Type & Size Bit Used 6 3/4"				Work Order No. #53 = 80058.19 #73 = 54512.19	
Anode Hole Depth 340 Logged - 335		Total Drilling Rig Time		Total Lbs. Coke Used 46	
Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth					
# 1 275	# 2 265	# 3 250	# 4 240	# 5 230	# 6 190
# 7 180	# 8 170	# 9 110	# 10 100		
Anode Output (Amps)					
# 1 4.2	# 2 3.0	# 3 3.0	# 4 4.4	# 5 3.2	# 6 3.4
# 7 4.4	# 8 4.4	# 9 4.1	# 10 3.8		
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		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 11.3		Amps 18.3		Ohms 0.68	

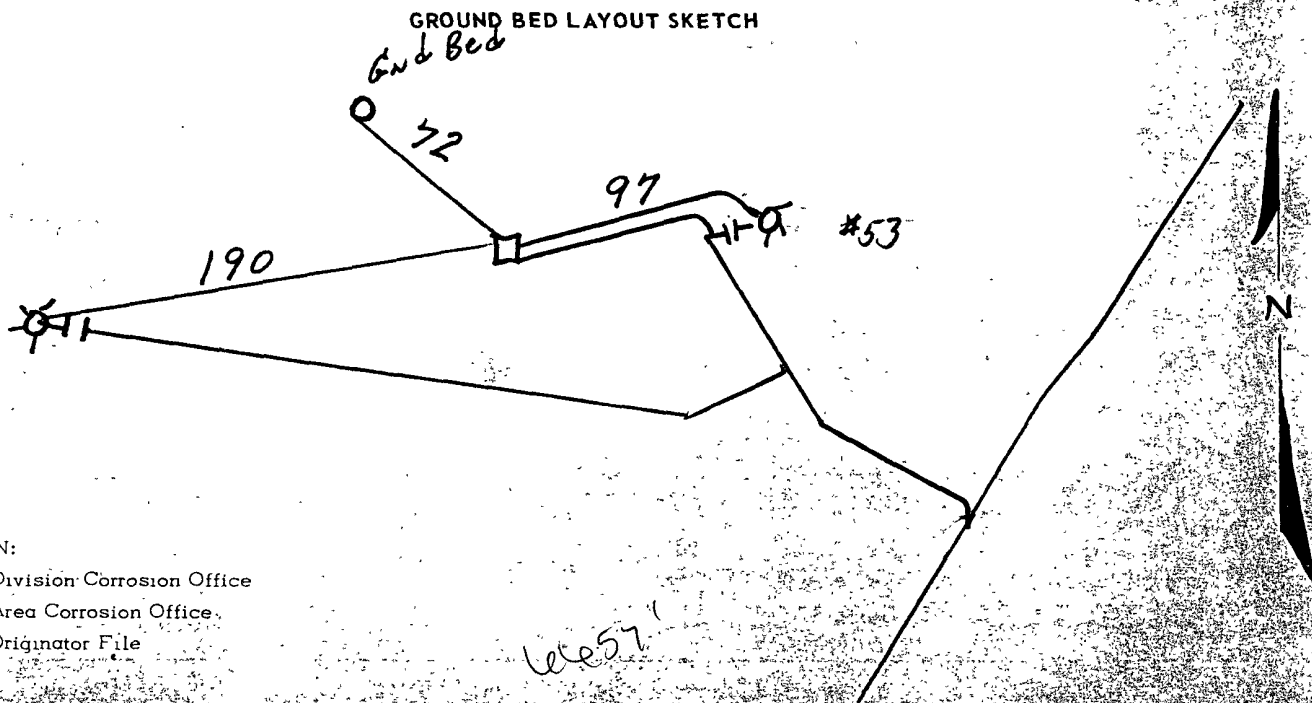
Remarks: Static # 53 600' W = 0.81. Static # 73 600' S = 0.72.

DRILLER SAID MAKING WATER BETWEEN 35' & 80'. DID NOT INJECT.
PERFORATED 200' OF 1" PVC VENT PIPE. INSTALLED 280' OF 1" PVC VENT F.
SLURRIED 46 SACKS OF COKE. GND BED MAKING GAS
#53 MARKED 1 NOTCH #73 MARKED 3 NOTCHES.
INSTALLED 60V 30A RECTIFIER & STUB POLE.

All Construction Completed

W. L. Lott

(Signature)



DISTRIBUTION:

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

El Paso Natural Gas Company
ENGINEERING CALCULATION

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Date: _____

By: _____

File: _____

SAN JUAN 28-5 UNIT # 53

80058.19

SAN JUAN 28-5 UNIT # 73

NE 35-28-5 1142W

54512.19

STATIC # 53 600' W - 0.81

STATIC # 73 600' S = 0.72

60V 30A Rect. Stub Pole

DRILLER SAID MAKING WATER BETWEEN

35' & 80'

PERFORATED 300' 0.5" PVC VENT PIPE

INSTALLED 280' 0.5" PVC VENT PIPE

SHURRED SACKS OF COKE

(Gnd Bed MAKING GAS)

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

40		2.00	.3				
			.3				
50		10	.3				
			.4				
60		20	1.0				
			1.3				
70		30	1.4	(5)			
			1.3				
80		40	1.2	(4)			
			1.6				
90 +3	1.3	50	1.3	(3)			
+5	1.5		1.1				
100 +4	1.5 (10)	60	1.2				
+5	1.6		1.2	(2)			
10 +6	1.6 (9)	70	1.4				
+1	1.0		1.4	(1)	① 275 -	1.8	4.2
20 -2	.8	80	.9 ?		② 265 -	1.5	3.0
-7	.7		.8		③ 250 -	1.3	3.0
30 +7	.6	90	.6		④ 240 -	2.1	4.4
-7	.7		.5		⑤ 230 -	1.7	3.2
40 -5	.6	300	.6		⑥ 190 -	1.5	3.4
+1	1.1		.4		⑦ 180 -	1.8	4.4
50 -8	.7	10	.5		⑧ 170 -	1.8	4.4
-7	.7		.6		⑨ 110 -	2.0	4.1
60 -8	.8	20	.5		⑩ 100 -	1.8	3.8
-6	.4		.7				
70 -7	1.2 (8)	30					
+5	1.5 (7)	+D 335			18.3	Amps	
80 +5	1.5 (7)	40			11.3	Volts	
+4	1.4 (6)				0.62	ohms	
90 +3	1.3 (6)						
-5	.8						

Every Day
DAYLIGHT

SIGNED: Toolcusher

Company Supervisor