

79-30-039-20237

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12-30-039-07461

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. 7 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #79, #12

cps 1105w

Elevation 6605' Completion Date 9/2/77 Total Depth 490' 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. 240' - 270'

Depths gas encountered: N/A

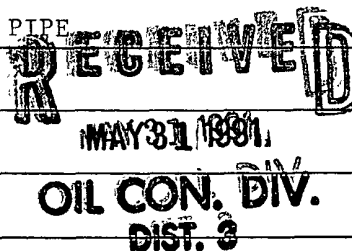
Type & amount of coke breeze used: 66 SACKS

Depths anodes placed: 490', 475', 460', 450', 440', 430', 420', 410', 400', 340'

Depths vent pipes placed: 500' OF 1" PVC VENT PIPE

Vent pipe perforations: 300'

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

Handwritten: 1105 W

Drilling Log (Attach Hereto). ☐

Completion Date 9-2-77

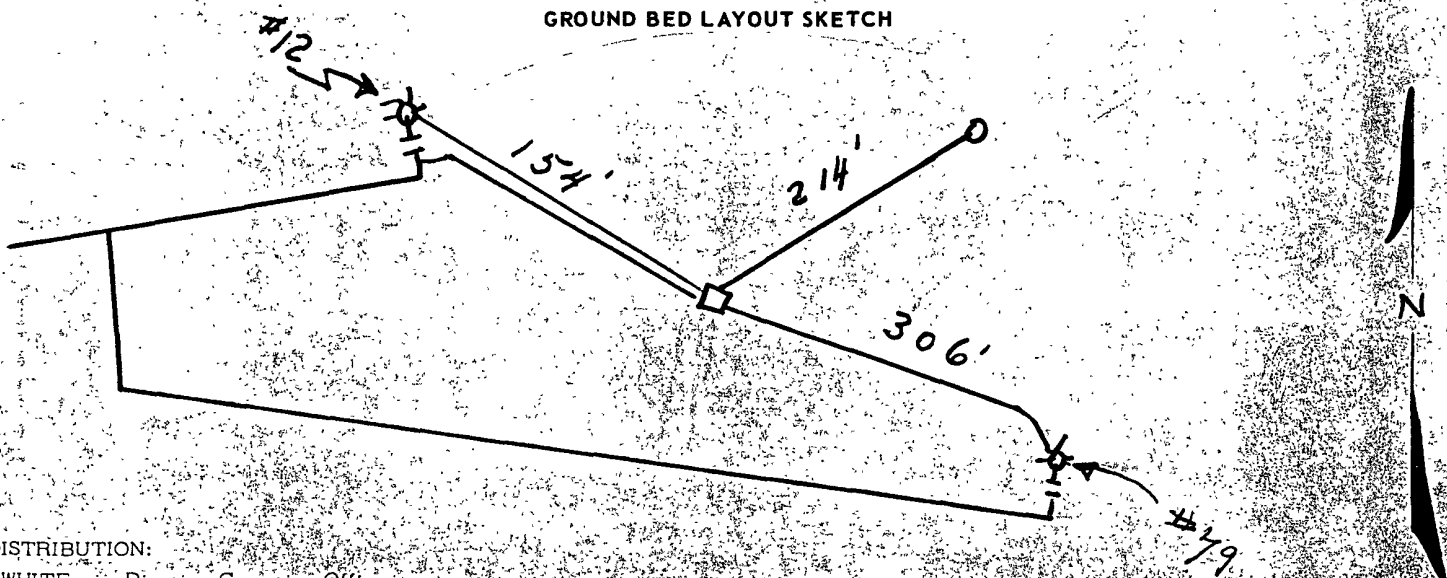
Well Name SAN JUAN 28-5 UNIT # 49		Location SW 7-28-5		CPS No. 1105 W	
Type & Size Bit Used 6 3/4"				Work Order No. #49 = 54698.19 #12 = 52868.19	
Anode Hole Depth 538 Logged-526	Total Drilling Rig Time	Total Lbs. Coke Used 66	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 490	# 2 475	# 3 460	# 4 450	# 5 440	# 6 430
# 7 420	# 8 410	# 9 400	# 10 340		
Anode Output (Amps)					
# 1 2.5	# 2 2.0	# 3 3.2	# 4 4.2	# 5 4.1	# 6 3.8
# 7 4.5	# 8 3.6	# 9 3.1	# 10 2.9		
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 11.6		Amps 12.3		Ohms 0.94	

Remarks: Static #12 600' NE = 0.82, Static #49 600' N = 0.73
Driller said MAKING WATER between 240' & 270'. Drilled to 280'
Next AM blow water. Perforated 300' of 1" PVC vent Pipe, installed
500' of 1" PVC vent Pipe, slurred 66 sacks of coke. #12 marked
1 notch & #49 marked 3 notches.
Installed 60V 30A Rectifier & stub Pole.

All Construction Completed

Signature: W. J. Lutz
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

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El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

SAN JUAN 28-5 UNIT # 79

54698.19

SAN JUAN 28-5 UNIT # 12

SW 7-28-5 1105 W

52868.19

STATIC #12 600' NE = 0.82

STATIC #79 600' N = 0.73

DRILLER SAID MAKING WATER BETWEEN
240' & 270' DROPPED TO 280'

MIX + AM BLOW WATER

PERFORATED 300' OF 1" PVC VENT PIPE

INSTALLED 500' OF 1" PVC VENT PIPE

SHIPPED 66 SACKS OF CORE

MW	gals/mol
18.04	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

250 .2 400 1.2 (9)

.2 1.2

60 .3 10 1.3 (8)

.3 1.3

70 .3 20 1.5 (7)

.4 1.7

80 .5 30 1.5 (6)

1.2 1.4

90 1.4 40 1.3 (5)

.9 1.6

300 .6 50 1.5 (4)

.4 1.4

10 .7 60 1.2 (3)

1.1 .7

20 .9 70 .9

.3 1.0 (2)

30 .4 80 .9

.7 .9

40 1.2 (1) 90 1.1 (1)

.8 .9

50 .5 500 .4

.4 1.0

60 .4 10 1.6

.3 2.0

70 .4 20 1.6

.6 526 1.6

80 .8 30

.6

90 .6 538 1.6

.8

① 490 1.4 2.5

② 475 1.2 2.0

③ 460 1.8 3.2

④ 450 2.1 4.2

⑤ 440 1.8 4.1

⑥ 430 1.7 3.8

⑦ 420 2.1 4.5

⑧ 410 1.6 3.6

⑨ 400 1.6 3.1

⑩ 340 1.5 2.9

11.6 VOLTS

12.3 AMPS

0.94 OHMS

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

1105

DAILY DRILLING REPORT

[illegible]