

79-30-039-20237

E

865

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

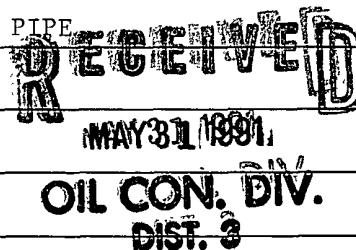
Type & amount of coke breeze used: 66 SACKS

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

1105 W

Drilling Log (Attach Hereto). ☐

Completion Date 9-2-77

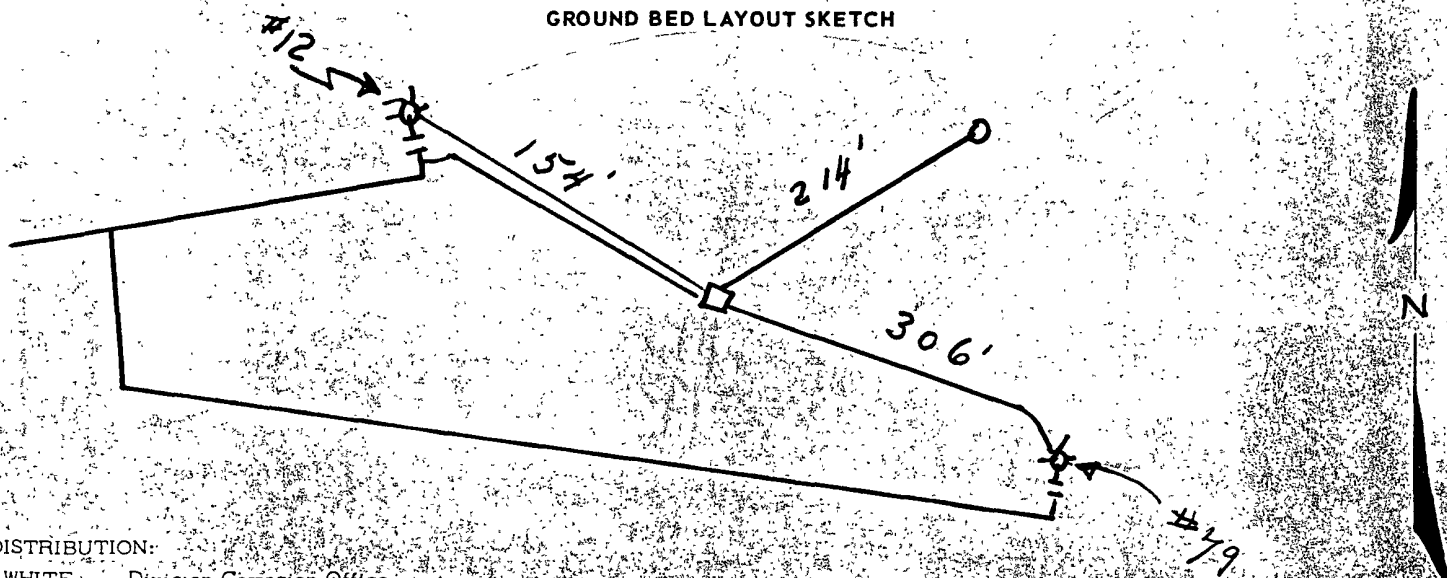
Well Name SAN JUAN 28-5 UNIT # 12		Location SW 7-28-5		CPS No. 1105 W	
Type & Size Bit Used 6 3/4"				Work Order No. #79 = 54698.19 #12 = 52868.19	
Anode Hole Depth 538 Logged-526	Total Drilling Rig Time	Total Lbs. Coke Used 66	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 490	# 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	
Volts 11.6	Amps 12.3	Ohms 0.94			No. 2 C.P. Cable Used

Remarks: Static #12 600' NE = 0.82, Static #79 600' N = 0.73
DRILLER SAID MAKING WATER BETWEEN 240' & 270'. DRILLED TO 280'
NEXT AM. BLEW WATER. PERFORATED 300' OF 1" PVC VENT PIPE. INSTALLED
500' OF 1" PVC VENT PIPE. SLURRIED 66 SACKS OF COKE. #12 MARKED
1 NOTCH & #79 MARKED 3 NOTCHES.
INSTALLED 60V 30A RECTIFIER & STUB POLE.

All Construction Completed

W. Z. Lutz
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6005

SAC SAN 28-5 sub # 79

54698.19

SAJ TAN 28-5 Unit # 12

SW 7-28-5 1105 W

52868. 19

Static #12	600	WF = 0.82
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Static #79	600'N = 0.73
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DRILLER SAID MAKING WATER BETWEEN

240' & 270' Drilled to 280'

next to my B/cw station

Perforated 300' of 1" PVC vent Pipe

Installed 500' of 1" PVC vent pipe.

shipped 66 sacks of coke

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 ²	9.64
42.08	C ₃ ²	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

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	① 490	1.4	2.5
30 .4	80 .9	② 475	1.2	2.0
.7	.9	③ 460	1.8	3.2
40 1.2 = ⑩	90 1.1 = ①	④ 450	2.1	4.2
.8	.9	⑤ 440	1.8	4.1
50 .5	500 .4	⑥ 430	1.7	3.8
.4	1.0	⑦ 420	2.1	4.5
60 .4	10 1.6	⑧ 410	1.6	3.6
.3	2.0	⑨ 400	1.6	3.1
70 .4	20 1.6	⑩ 340	1.5	2.9
.6	526 1.6			
80 .8	30			
.6				
90 .6	538 40	11.6	Volts	
.8		12.3	Amps	
		0.94	OHMS	

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

1105

DAILY DRILLING REPORT

LEASE

WELL NO. 11054 CONTRACTOR

DAILY LIGHT

RIG NO.

REPORT NO.

DATE 9-2-77 1977

MORNING

EVENING

Driller Total Men In Crew

Driller Total Men In Crew

Total Men In Crew

Driller

Total Men In Crew

FROM TO FORMATION WT-BIT R.P.M.

FROM TO FORMATION WT-BIT R.P.M.

Total Men In Crew

Driller

Total Men In Crew

NO. DC SIZE LENG.

NO. DC SIZE LENG.

Total Men In Crew

Driller

Total Men In Crew

BIT NO. NO. DC SIZE LENG.

BIT NO. NO. DC SIZE LENG.

Total Men In Crew

Driller

Total Men In Crew

SERIAL NO. STANDS

SERIAL NO. STANDS

Total Men In Crew

Driller

Total Men In Crew

SIZE SINGLES

SIZE SINGLES

Total Men In Crew

Driller

Total Men In Crew

DOWN ON KELLY

DOWN ON KELLY

Total Men In Crew

Driller

Total Men In Crew

MAKE TOTAL DEPTH 529 ft

MAKE TOTAL DEPTH 529 ft

Total Men In Crew

Driller

Total Men In Crew

MUD RECORD MUD, ADDITIVES USED AND RECEIVED

MUD RECORD MUD, ADDITIVES USED AND RECEIVED

Total Men In Crew

Driller

Total Men In Crew

Time WT. Vls.

Time WT. Vls.

Total Men In Crew

Driller

Total Men In Crew

FROM TO TIME BREAKDOWN

FROM TO TIME BREAKDOWN

Total Men In Crew

Driller

Total Men In Crew

0 4 Surface

68 75 Sand

Total Men In Crew

Driller

Total Men In Crew

4 10 Sandstone

75 110 Sandstone

Total Men In Crew

Driller

Total Men In Crew

10 35 Sandstone

110 135 Sandstone

Total Men In Crew

Driller

Total Men In Crew

35 30 Sandstone

135 165 Sandstone

Total Men In Crew

Driller

Total Men In Crew

30 68 Sandstone

165 185 Sandstone

Total Men In Crew

Driller

Total Men In Crew

REMARKS -

REMARKS -

Total Men In Crew

Driller

Total Men In Crew

Drilled 540

Drilled 540

Total Men In Crew

Driller

Total Men In Crew

Geoged 581

Geoged 581

Total Men In Crew

Driller

Total Men In Crew

Total Depth 529

Total Depth 529

Total Men In Crew

Driller

Total Men In Crew

Making Hole 245-270 ft

Making Hole 245-270 ft

Total Men In Crew

Driller

Total Men In Crew

mud 273 ft

mud 273 ft

Total Men In Crew

Driller

Total Men In Crew

SIGNED: Toolpusher

SIGNED: Toolpusher

Total Men In Crew

Driller

Total Men In Crew

Company Supervisor

Company Supervisor

Total Men In Crew

Driller

Total Men In Crew