

995

#24 30-039-07125

E

#206 30-039-20848

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. 10 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #24, #206

cds 129lw

Elevation 6286' Completion Date 8/22/78 Total Depth 320' Land Type* N/A

Casing, Sizes, Types & Depths 20' OF 7" PVC PIPE

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. 45' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 35 SACKS

Depths anodes placed: 280', 270', 260', 250', 240', 230', 220', 210', 200', 190'

Depths vent pipes placed: 280'

Vent pipe perforations: 240'

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.

Drilling Log (Attach Hereto). ☐

Completion Date 8-22-78

Well Name S.J. 28-6 #204		Location NE 10-27-6		CPS No. 1291W	
Type & Size Bit Used 6 3/4"				Work Order No. #24=52644-19 #206=55839-21	
Anode Hole Depth DRILLED 320 - 310		Total Drilling Rig Time		Total Lbs. Coke Used	
Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth					
# 1 280	# 2 270	# 3 260	# 4 250	# 5 240	# 6 230
# 7 220	# 8 210	# 9 200	# 10 190		
Anode Output (Amps)					
# 1 2.4	# 2 2.7	# 3 3.0	# 4 2.9	# 5 3.1	# 6 4.0
# 7 3.0	# 8 3.7	# 9 3.9	# 10 3.3		
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 11.8			No. 2 C.P. Cable Used		
Amps 14.6					
Ohms 0.81					

Remarks: Static #24 600' SE = 1.01, Static #206 600' E = 1.02. Started MAKING WATER @ 45'. Did not have to inject. Cased 20' of Hole with 7" PVC pipe. Perforated 240' of 1" PVC vent Pipe. Installed 280' of 1" PVC vent Pipe. Slurried 35 SACKS of COKE. Gnd Bed MAKING 75 GALS per min
1 1/2" X 60" Duriron

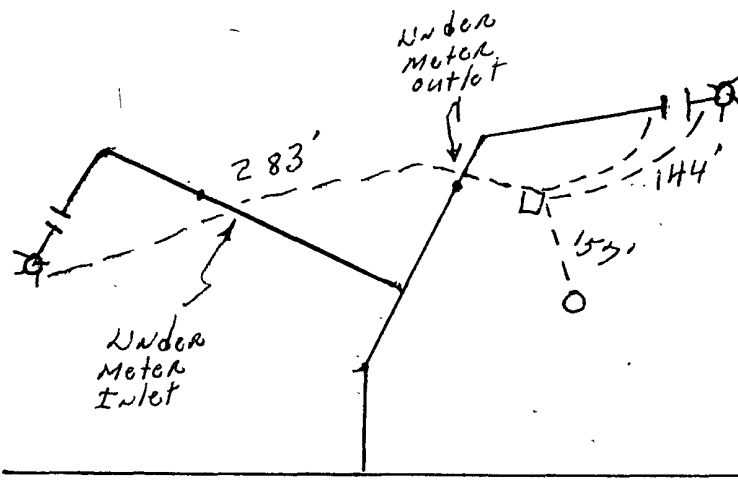
~~190~~ Hole Depth = -190'
Ditch & 1 cable = 584'
EXTRA CABLE = 144

60V 30A Rectifier
Stub Pole

All Construction Completed

W L Lutz
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: 500
320
780

S.J. 28-6#24

S.J. 28-6#206

NE 10-27-6

1291W

~~500~~ 52644-19

55839-21

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#24 600 SE = 1.01
STATIC#206 600 E = 1.02

Started MAKING WATER @ 45' next
AM WATER STANDING @ 45'
Perforated 240' of 1" PVC vent pipe
Installed 280' of 1" PVC vent pipe
Slurried 35 SACKS of COKE BROOZE
Installed 20' of 7" casing PVC.
75 GALS PER MIN

50 ⑤ 40 1.7
1.4
60 1.4 ④ 50 1.3
1.7
70 .6 ③ 60 1.4
1.3
80 .8 ② 70 1.3
1.2
90 1.0 ① 80 1.2
1.2
100 0.5 50 1.1
1.1
10 .6 300 1.4
1.4
20 .4 10 1.2 T.D.
1.6
30 .8 20 DRILLED
1.5
10 .4
1.4

Hole Depth = -190
Ditch 1 CABLE = 584
EXTRA CABLE = 144
60V 30A Rect. S. on
Stub Pole

50 .4 ① 280 1.34 2.4
1.3 ② 270 1.35 2.7
60 .3 ③ 260 1.8 3.0
1.8 ④ 250 1.8 2.9
70 1.0 ⑤ 240 1.9 3.1
1.1 ⑥ 230 2.4 4.0
80 1.2 ⑦ 220 1.7 3.0
1.3 ⑧ 210 2.1 3.7
⑩ 90 1.4 ⑨ 200 2.2 3.9
1.3 ⑩ 190 1.9 3.3
⑪ 00 1.5
1.5
⑫ 10 1.6
1.5
⑬ 20 1.6
1.6
⑭ 30 1.3
1.7

Volts 11.8
Amps 14.6
Ohms 0.81

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-9323 Date 9-15-78

Operator _____ Well Name San Juan #24 & 206

Location 10-27-6 County _____ State _____

Field _____ Formation ANODE BED

Sampled From 1291W WTR @ 45' 280' DEPTH 75 GPM

Date Sampled _____ By _____

Tbg. Press. _____ Csg. Press. _____ Surface Csg. Press _____

	ppm	epm		ppm	epm
Sodium	<u>285</u>	<u>12</u>	Chloride	<u>28</u>	<u>0.8</u>

Calcium <u>12</u>	<u>0.6</u>	Bicarbonate <u>420</u>	<u>7</u>
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Magnesium <u>0</u>	<u>0</u>	Sulfate <u>240</u>	<u>5</u>
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Iron <u>PRESENT</u>		Carbonate <u>7</u>	<u>0.2</u>
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H ₂ S <u>ABSENT</u>		Hydroxide <u>0</u>	<u>0</u>
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cc: D.C. Adams
R.A. Ullrich

E.R. Paulek

J.W. McCarthy

A.M. Smith

W.B. Shropshire

File

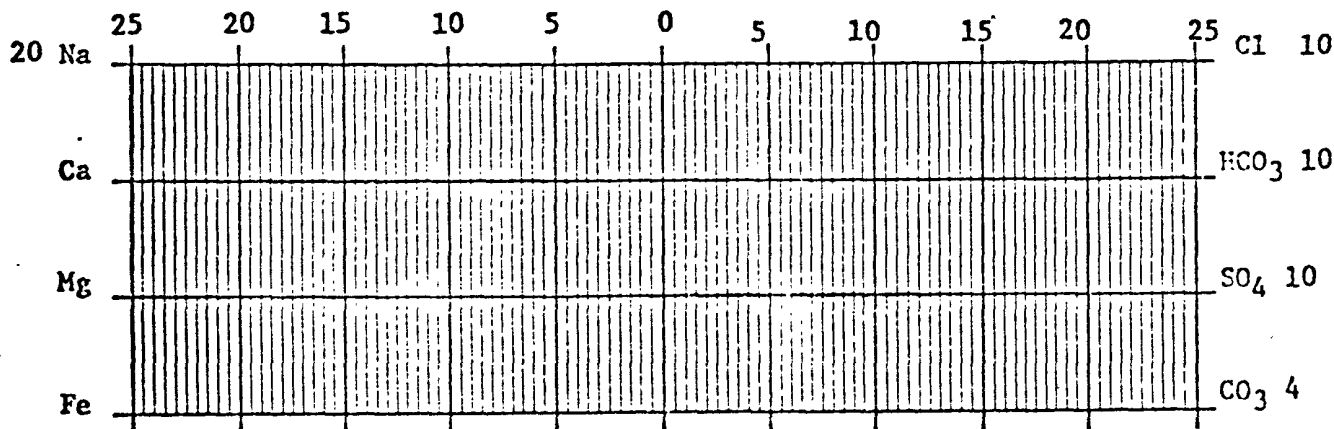
Total Solids Dissolved 746

pH 8.6

Sp. Gr. 1.0016 at 60°F

Resistivity 900 ohm-cm at 72°F

RZ Ellisbury
Chemist



Scale: epm

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

SIGNED: Toolpusher Tom O'Brien

____ Company Supervisor