

1005

39-30-039-07056

134-30-039-20581

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 SW Sec. 5 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #39, #134
cps 1284w

Elevation 6499' Completion Date 9/27/78 Total Depth 500' 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. 320'

Depths gas encountered: N/A

Type & amount of coke breeze used: 57 SACKS

Depths anodes placed: 455', 445', 435', 420', 410', 400', 365', 355', 345', 335'

Depths vent pipes placed: 500'

Vent pipe perforations: 280'

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 9-27-78

Well Name <u>S.J. 28-6 #39</u> <u>#134</u>		Location <u>SW 5-27-6</u>		CPS No. <u>1284W</u>	
Type & Size Bit Used <u>6 3/4</u>		Contract # <u>CONTRACT #2</u>		Work Order No. <u>#39=52716-19</u> <u>#134=20662-19</u>	
Anode Hole Depth <u>500-</u> <u>500</u>		Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
Anode Depth	#1 <u>45.5</u>	#2 <u>44.5</u>	#3 <u>43.5</u>	#4 <u>42.0</u>	#5 <u>41.0</u>
	#6 <u>40.0</u>	#7 <u>36.5</u>	#8 <u>35.5</u>	#9 <u>34.5</u>	#10 <u>33.5</u>
Anode Output (Amps)	#1 <u>2.9</u>	#2 <u>3.4</u>	#3 <u>3.3</u>	#4 <u>2.9</u>	#5 <u>3.4</u>
	#6 <u>3.1</u>	#7 <u>3.6</u>	#8 <u>3.0</u>	#9 <u>3.4</u>	#10 <u>3.4</u>
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 <u>11.7</u>	Amps <u>15.0</u>	Ohms <u>0.78</u>			

Remarks: Static #39 600' W = 0.78, static #134 600' E = 0.77. Drilled to
320' waited 20 min. Blew water. 3 to 6 GALS. PER MIN. PERFORATED 280'
of 1" PVC vent Pipe. Installed 500' of 1" PVC vent Pipe. Slurried 57
SACKS OF COKE. 1 1/2" x 60" Duriron

60 V 30 A Rectifier

Hole Depth = 0

20' Meter Pole

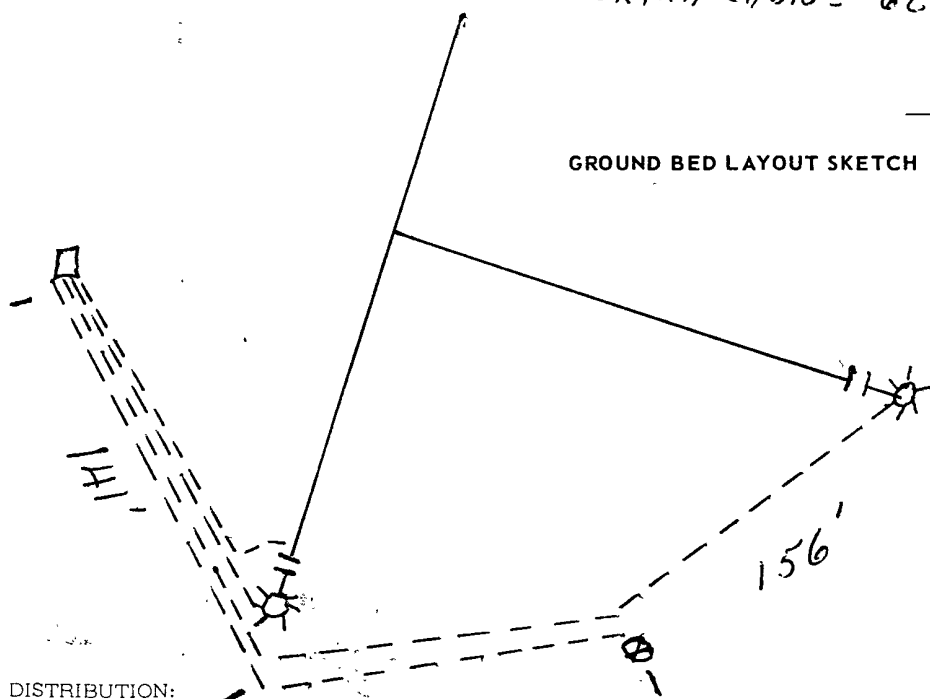
Ditch & Cable = 495'

Extra Cable = 621

All Construction Completed

W Z Lutz
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6499

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 1 of 1
Date: _____
By: _____
File: _____

S.J. 28-6 #39

S.J. 28-6 #134

SW5-27-6

1284W

52716-19 28

20662-19

Contract #2

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 #39 600' W = 0.78

Static #134 600' E = 0.77

Drilled to 320' waited 20 min
Blew water 3 to 6 GALS per min
Perforated 280' of 1" PVC vent pipe
Installed 500' of 1" PVC vent pipe
Slurried 57 sacks of coke

3 00 .7

.7

10 .7

.8

20 1.4

1.7

30 1.7

1.5 (10)

40 1.7

1.4 (20)

50 1.6

1.9 (30)

60 1.7

1.5 (40)

70 1.2

1.2

80 1.0

.9

90 .8

1.2

100 1.7 (6)

1.8

10 1.7 (5)

1.9

20 1.6 (4)

1.4

30 1.4

1.4 (3)

40 1.8

1.6 (2)

50 1.7

1.5 (1)

60 1.2

1.1

70 1.2

1.2

80 .9

.8

90 .8

.7

60V 30 A Rectifier
20' meter Pole
Hole Depth = 0
Ditch Cable = 495'
Extra Cable = 621'

①	455	1.9	2.9
②	445	2.0	3.4
③	435	1.9	3.3
④	420	1.9	2.9
⑤	410	2.2	3.4
⑥	400	2.2	3.1
⑦	365	2.2	3.6
⑧	355	1.9	3.0
⑨	345	2.1	3.4
⑩	335	2.3	3.4

Volts = 11.7
Amps = 15.0
Ohms = .78

500.6 to 5' Drilled

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

Analysis No. 1-9364 Date 11-8-78

Operator EPNG Well Name SAN JUAN 28-6 #39 & 134

Location SW 5-27-6 County RIO ARriba State NM

Field Formation

Sampled From C. P. S. #1284 W 320' 3-66 PM

Date Sampled By

Tbg. Press. <u></u>	Csg. Press. <u></u>	Surface Csg. Press. <u></u>
ppm	epm	ppm epm

Sodium <u>725</u>	Chloride <u>18</u>	<u>32</u> <u>.5</u>
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Calcium <u>197</u>	Bicarbonate <u>298</u>	<u>10</u> <u>5</u>
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Magnesium <u>30</u>	Sulfate <u>1875</u>	<u>3</u> <u>39</u>
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Iron <u>PRESENT</u>	Carbonate <u>0</u>	<u></u> <u>0</u>
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H ₂ S <u>ABSENT</u>	Hydroxide <u>0</u>	<u></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

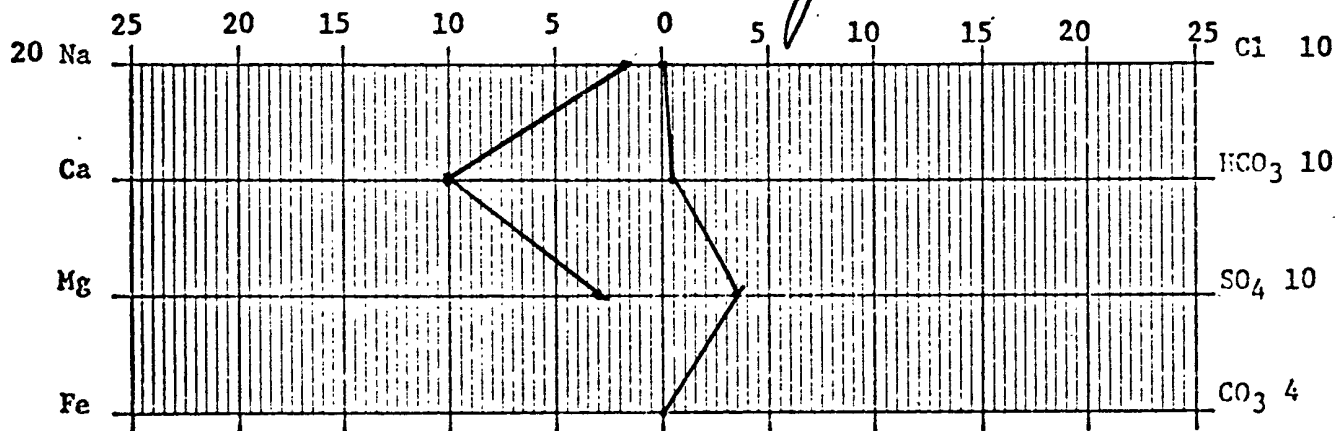
Total Solids Dissolved 2634

pH 7.5

Sp. Gr. 1.0030 at 73 60°F

Resistivity 320 ohm-cm at 73 °F

Joe Barnett
Chemist *RJE*



Scale: epm

DAILY DRILLING REPORT

Sept 28 1978

REMARKS -
Drilled 6 3/4 in 500 ft.
Lagged 500
cost 320.6 gtm water

SIGNED: Toolpusher, *L. K. Mc Donald*