

1391

30-039-21330

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 SE Sec. 30 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #109M

cps 1622w

Elevation 6303' Completion Date 8/10/81 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. 180' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 5964 lbs.

Depths anodes placed: 440', 430', 385', 340', 330', 315', 305', 295', 250', 225'

Depths vent pipes placed: 497'

Vent pipe perforations: 337'

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) ☐

2X 60 Anodes

Completion Date 8-10-81

Well Name SJ 29-7 #109M		Location SE30-29-7		CPS No. 1622W	
Type & Size Bit Used 6 3/4				Work Order No. 57943-21	
Anode Hole Depth 500' 1099ed 497'		Total Drilling Rig Time		Total Lbs. Coke Used 5964	
Anode Depth		Lost Circulation Mat'l Used		No. Sacks Mud Used	
# 1 440	# 2 430	# 3 385	# 4 340	# 5 330	# 6 315
# 7 305	# 8 295	# 9 250	# 10 225		
Anode Output (Amps)					
# 1 2.5	# 2 2.6	# 3 2.1	# 4 2.2	# 5 3.0	# 6 2.6
# 7 2.8	# 8 2.4	# 9 1.7	# 10 2.4		
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 12.2		Amps 13.1		Ohms .93	

Remarks: STATIC 600' SE-.93 F/L NOT laid NO UNION
DRILLER Said hit water 180', Got Sample. INSTALLED 497'
of 1" VENT PIPE. PERFORATED 337' of VENT PIPE. SLURRY
5964' of COKE Breeze
making APPROX 2 GPM

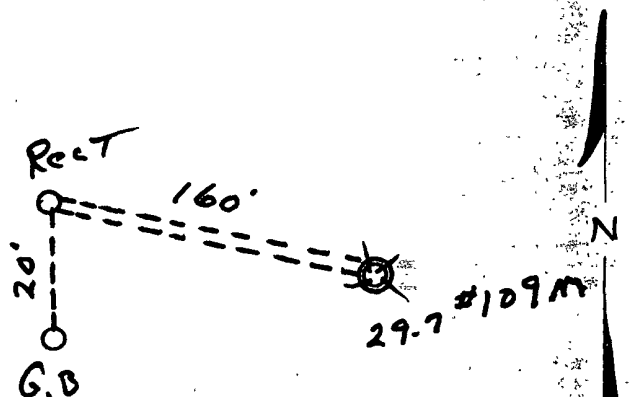
1 40V 16A Rect ✓
1 STUB Pole ✓
Ditch + 1 cable - 180' ✓
EXTRA cable - 180' ✓
Hole Depth - 3' ✓

All Construction Completed

William L. Wright Jr.
(Signature)

GROUND BED LAYOUT SKETCH

TIME	Reg	O.T.
8-10-81	8	3 ✓



DISTRIBUTION:

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

6303

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 2 of 8
Date: 8-10-8
By: WJR
File: _____

ST 29-7 # 109 m
SE 30-29-7
CPS 1622-W

STATIC 600' SE 193
W/O 57943-21

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

1 40v 16A Rect
1 STUB Pole
DITCH + 1 cable - 180'
EXTRA cable - 180'
Hole Depth - 3

DRILLER said hit WATER AT
180' GOT sample
Installed 497' of 1" VENT PPR
Perforated 337' of VENT PPR
Saturated 5964 lbs of COKE BR.

180	1.00	30	1.30 ⑤	80	.50
85	1.20	35	1.10	85	.60
90	1.00	40	.90 ④	90	.50
95	.90	45	.70	95	.40
200	.90	50	.60	500	TD
05	.80	55	.50		
10	.60	60	.50		
15	.75	65	.50		
20	1.00	70	.50		
25	1.00 ⑩	75	.50		
30	.90	80	.80		
35	.50	85	.90 ③		
40	.40	90	.70		
45	.40	95	.50		
50	.90 ⑨	400	.50		
55	.60	05	.50	① 440	1.34 2.50
60	.50	10	.60	② 430	1.62 2.60
65	.40	15	.60	③ 385	1.30 2.10
70	.50	20	.60	④ 340	1.20 2.20
75	.70	25	.70	⑤ 330	1.80 3.00
80	.70	30	1.10 ②	⑥ 315	1.90 2.60
85	.70	35	1.20	⑦ 305	1.90 2.80
90	1.00	40	1.0 ①	⑧ 295	1.70 2.40
95	1.10 ⑧	45	.60	⑨ 250	1.20 1.70
100	1.20	50	.50	⑩ 225	1.40 2.40
05	1.30 ⑦	55	.50		
10	1.20	60	.50		
15	.90 ⑥	65	.50		
20	.70	70	.50		
25	.90 ⑥	75	.50		

12.2 V
13.1 A
193 Ω

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

Analysis No. 1-10349 Date 8-25-81

Operator El Paso Natural Gas Well Name S.J. 29-7 #109 M - CPS 1622-W

Location SE 30-29-7 County Rio Arriba State New Mexico

Field Blanco Formation

Sampled From 180'

Date Sampled 8-10-81 By Willis Knight

Tbg. Press. Csg. Surface Csg. Press.

	ppm	epm		ppm	epm
Sodium	<u>127</u>	<u>5.5</u>	Chloride	<u>26</u>	<u>0.7</u>

Calcium	<u>460</u>	<u>23.0</u>	Bicarbonate	<u>171</u>	<u>2.8</u>
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Magnesium	<u>132</u>	<u>10.88</u>	Sulfate	<u>1725</u>	<u>35.88</u>
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Iron	<u>No test</u>		Carbonate	<u>0</u>	<u>0</u>
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H ₂ S	<u>No test</u>		Hydroxide	<u>0</u>	<u>0</u>
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cc: R. A. Ullrich Total Solids Dissolved 3,040

E. R. Paulek pH 7.5

J. W. McCarthy

J. D. Evans

W. B. Shropshire

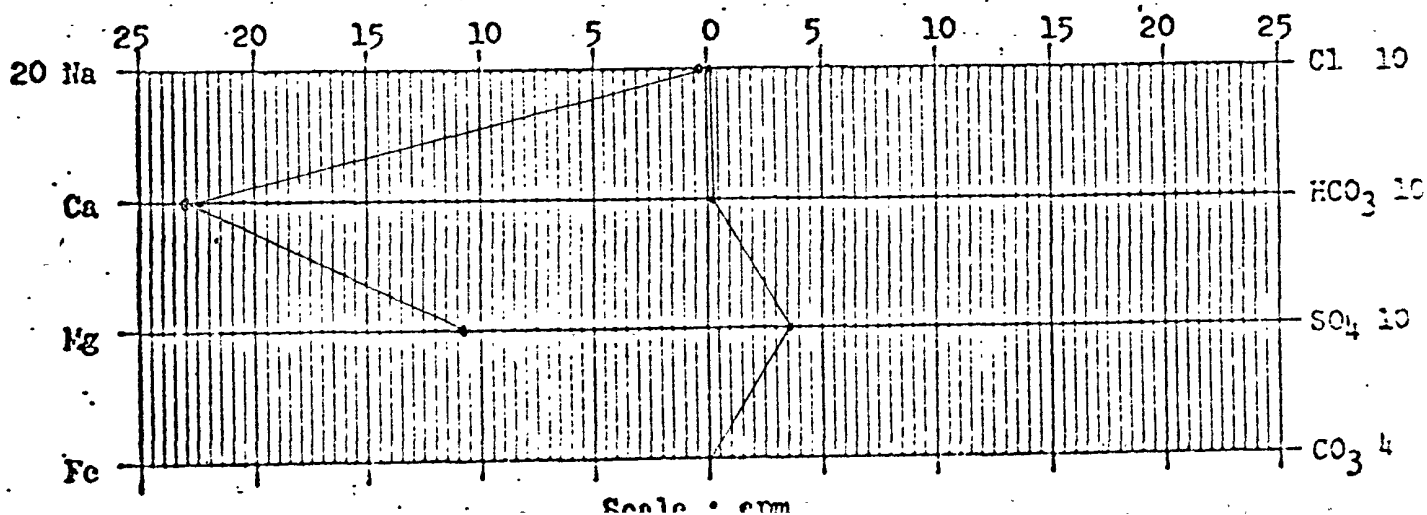
D. C. Adams

File

Sp. Gr. 0.9995 At 60°F

Resistivity 333 ohm-cm at 75°F

Dennis P. Barnett - Joe P. Barnett RZC
Chemist



CPS 1622-W

ST 29-7th 109 M

WELL NO.

MORNING

Driller

Total Men in Crew

DAYLIGHT

Driller

Total Men in Crew

REPORT NO.

RIG NO. 7

DAILY DRILLING REPORT

1861

[illegible]

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	130	300	340	360	340
130	140	340	360	360	360
140	180	360	360	360	360
180	240	440	440	440	440
240	290	460	460	460	460
290	300	500	500	500	500

REMARKS -

REMARKS -

REMARKS -

W. 180
milled 5.00
TD 497

SIGNED: Toolpusher

Company Supervisor