

25 = 30-039-07098
207 = 30-039-20849 5049

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. 10 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #25, #207
cps 1314w

Elevation 6483' Completion Date 8/25/78 Total Depth 400' 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. 120', 345' SAMPLE TAKEN

Depths gas encountered: N/A

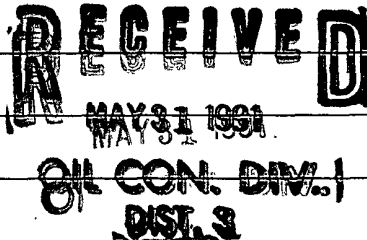
Type & amount of coke breeze used: 60 SACKS

Depths anodes placed: 380', 370', 360', 350', 210', 200', 175', 165', 155', 145'

Depths vent pipes placed: 400'

Vent pipe perforations: 300'

Remarks: qb #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.

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Hereto): ☐

Completion Date 8-25-78

Well Name S.J. 28-6 #25		Location SW 10-27-6		CPS No. 1314W	
Type & Size Bit Used 6 3/4"				Work Order No. 52690-19	
Anode Hole Depth 400 - 400	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 380	#2 370	#3 360	#4 350	#5 210	#6 200
#7 175	#8 165	#9 155	#10 145		
Anode Output (Amps)					
#1 3.4	#2 3.2	#3 3.0	#4 3.6	#5 2.1	#6 2.2
#7 2.6	#8 2.9	#9 2.8	#10 4.0		
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 12.0	Amps 14.7	Ohms 0.82			

Remarks: STATIC 600' W = 0.87. DRILLER SAID MAKING WATER @ 120' DRILLED TO 160' NEXT A.M. WATER STANDING @ 120'. MAKING MORE WATER @ 345'. 3.5 GALS. PER MIN. BOTH WATER ZONES. PERFORATED 300' OF 1" PVC VENT PIPE. INSTALLED 400' OF 1" PVC VENT PIPE. SLURRIED 60 SACKS OF COKE BREEZE 40V 16A RECTIFIER 1 1/2" X 60" DURIRON

Stub Pole

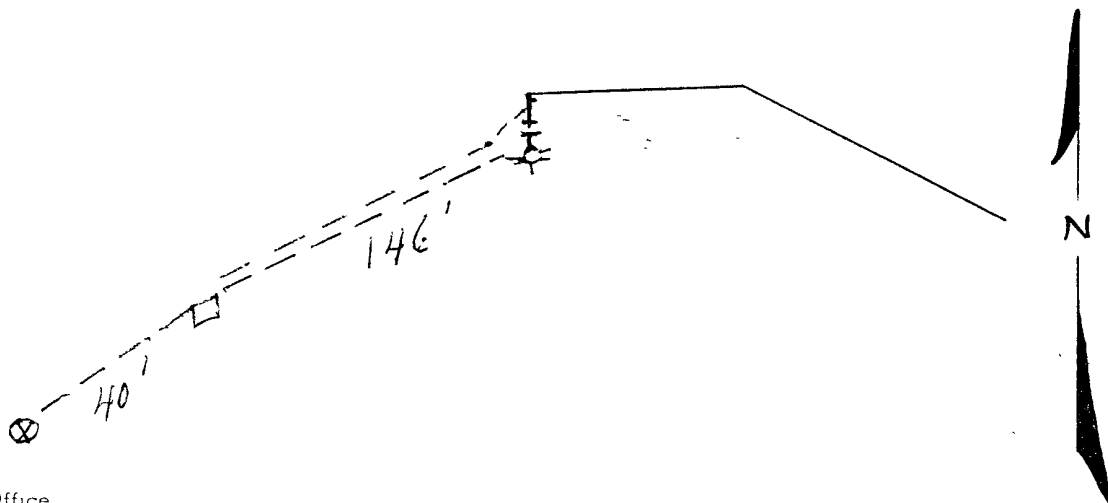
Hole Depth = -100
Ditch & Cable = 186'
EXTRA CABLE = 146'

All Construction Completed

W. J. Luth

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6483

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 26
Date: 8-19-80
By: J. S. S.
File: 52690-19

S.J. 28-6 #25 SW 10-27-6 1314 W 52690-19

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
128.05	C ₉ 9.64
142.08	C ₁₀ 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 600' W = 0.87

DRILLER SAID MAKING WATER @ 160' NEXT AM. WATER STANDING @ 120' MAKE WATER @ 245 & 280 & 315

PERFORATED 300' OF 1" PVC VENT PIPE

INSTALLED 400' OF 1" PVC VENT PIPE

SLURRIED 60 SACKS OF GRACE

HOV 16A RECTIFIER

Stub Pile

Hole Depth = 1100

Pitch & Cable = 186'

EXTRA CABLE 146'

200 9.6 90 1.6 TD

10 1.1 400 DRILLED

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170 3 160

180 3 170

190 3 180

200 3 190

210 3 200

220 3 210

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

Analysis No. 1-9324 Date 9-15-78

Operator EPNG Well Name San Juan 28-6 #25

Location 10-27-6 County _____ State NM

Field _____ Formation ANODE BED

Sampled From 1314W WTR @ 120' 345' 35 GPM

Date Sampled _____ By _____

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

Sodium _____ ppm Chloride 20 ppm

Calcium 8 ppm Bicarbonate 405 ppm

Magnesium 0 ppm Sulfate 270 ppm

Iron PRESENT ppm Carbonate 7 ppm

H₂S ABSENT ppm Hydroxide 0 ppm

cc: D.C. Adams Total Solids Dissolved 792 ppm

R.A. Ullrich

E.R. Paulek

J.W. McCarthy

A.M. Smith

W.B. Shropshire

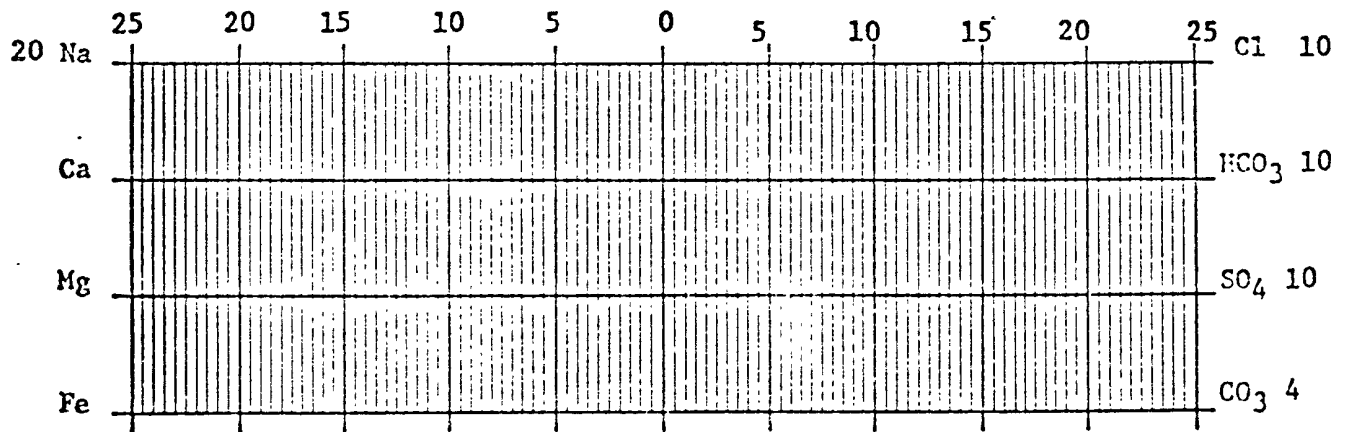
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pH 8.6

Sp. Gr. 1.0018 at 60°F

Resistivity 970 ohm-cm at 72°F

R. Z. Ellsbury
Chemist



Scale: epm

LEASE	WELL NO.	CONTRACTOR	RIG NO.	REPORT NO.	DATE
1314 W	1314 W	O'Brien Drilling	1		Aug 25 1978
MORNING		DAYLIGHT			EVENING

[illegible][illegible]

FROM		TO		TIME BREAKDOWN		REMARKS -	
0	15						
15	30						
30	40						
40	85						
85	100						
100	130						
				REMARKS -			

Drilled $\frac{3}{4}$ to 400 ft
logged to 400
Est water 359 Pm
Water overflowing at 120 ft.

SIGNED: Toolpusher Bret Bennett

- Company Supervisor