

1267

30-039-21917

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. 22 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #65A

cps 1552w

Elevation 6772' Completion Date 8/7/80 Total Depth 340' 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. 40' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 32 SACKS

Depths anodes placed: 300', 285', 275', 265', 255', 220', 210', 200', 145', 135'

Depths vent pipes placed: 335'

Vent pipe perforations: 300'

Remarks: gb #1

RECEIVED

MAY 31 1991

CON. DIV.

ACT 2

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

8 hr. Reg
3 O.T.

Drilling Log (Attach Hereto). ☐

2 x 60 ANODES

Completion Date 8-7-80

Well Name S.J. 29-7 # 65A		Location SE 22-29-7		CPS No. 1552-W	
Type & Size Bit Used 6 3/4				Work Order No. 57697-21	
Anode Hole Depth 340' 1099ed 335'	Total Drilling Rig Time	Total Lbs. Coke Used 32 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 300	# 2 285	# 3 275	# 4 265	# 5 255	# 6 220
# 7 210	# 8 200	# 9 145	# 10 135		
Anode Output (Amps)					
# 1 2.1	# 2 2.2	# 3 3.2	# 4 1.9	# 5 2.0	# 6 2.6
# 7 2.7	# 8 3.1	# 9 4.1	# 10 4.5		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts 12.3	Amps 13.8	Ohms .89	No. 8 C.P. Cable Used		
			No. 2 C.P. Cable Used		

Remarks: DRILLER SAID HIT WATER AT 40'. GOT WATER SAMPLE.
INSTALLED 335' of 1" VENT PIPE, PERFORATED 300' of VENT PIPE
LOCATION TO ROCKY TO FLOW ESTIMATE 5901 WATER PER MIN.

STATIC 600' E = .93

UNION - NOT INSTALLED

1 20' METER POLE ✓

1 40V 16A RECT. ✓

DITCH & 1 CABLE - 0 ✓

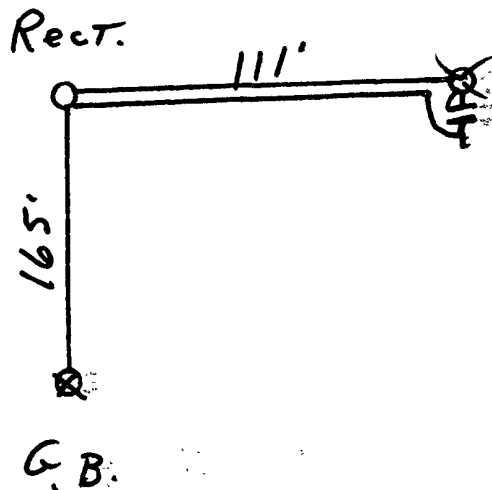
EXTRA CABLE - 0 ✓

HOLE DEPTH - 165' ✓

All Construction Completed

Wilbur Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE - Division Corrosion Office

YELLOW - Area Corrosion Office

PINK - Originator, File

6772

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 8-78 of 1
Date: 8-78
By: WK
File: _____

S.J. 29-7 #65-A
SE 22-29-7
CPS 1552 W
W/O 57697-21

STATIC 600' E = .93
UNION - NOT INSTALLED

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

1 20' METER Pole
1 40 V 16 A Rect
Ditch & 1 cable 0
EXTRA cable 0
Hole DEPTH - 165'

DRILLER said hit WATER
AT 40'. GOT WATER SAMPLE
INSTALLED 335' of 1" VENT PIPE
PERFORATED 300' of VENT PIPE
STURRYED 32 SACKS of COKE
LOCATION TO ROCKY TO PLOW
cable

40	2.3	215	1.2
45	1.8	20	1.5 ⑥
50	1.2	25	1.1
55	1.0	30	1.0
60	.6	35	.9
65	.5	40	.8
70	1.1	45	.8
75	1.8	50	1.1
80	2.1	55	1.3 ⑤
85	1.7	60	1.1
90	2.6	65	1.2 ④
95	2.9	70	1.7
100	2.9	75	2.0 ③
05	2.4	80	1.6
10	1.9	85	1.4 ②
15	1.6	90	.7
20	1.3	95	.6
25	.8	300	1.3 ①
30	1.2	05	1.0
35	2.0 ⑩	10	.6
40	2.4	15	.5
45	2.0 ⑨	20	.5
50	1.8	25	.4
55	.8	30	.4
60	.6	35	.4 TD
65	.5	40	
70	.4		
75	.3		
80	.4		
85	.4		
90	.5		
95	1.5		
200	1.7 ⑧		
05	1.5		
10	1.5 ⑦		

① 300	1.5	2.1
② 285	1.5	2.2
③ 275	2.1	3.2
④ 265	1.2	1.9
⑤ 255	1.3	2.0
⑥ 220	1.7	2.6
⑦ 210	1.7	2.7
⑧ 200	1.9	3.1
⑨ 145	2.2	4.1
⑩ 135	2.1	4.5

12.3 V 13.8 A .89 n

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

560-9988

Analysis No. 1-10024 Date 11-12-80

Operator El Paso Natural Gas Well Name San Juan 29-7 #65A

Location SE 22-29-7 County Rio Arriba State New Mexico

Field Blanco Formation _____

Sampled From CPS ^{SS2} 1556 W @40 ft.

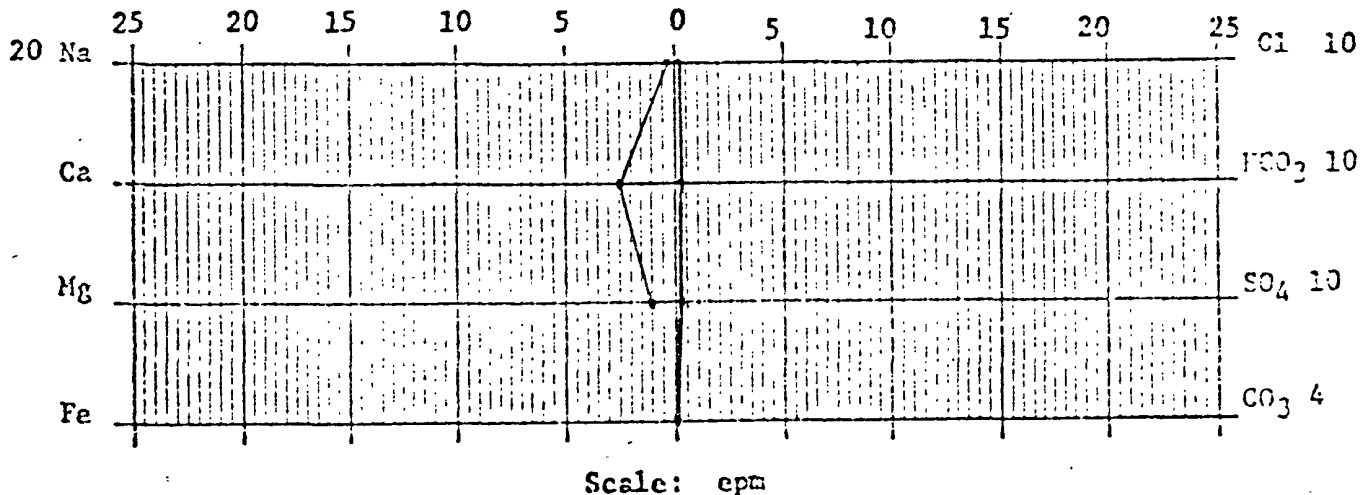
Date Sampled 8-7-80 By Willis Knight

Tbg. Press.	Csg.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>36</u>	<u>1.6</u>	Chloride <u>20</u>
Calcium <u>50</u>	<u>2.5</u>	Bicarbonate <u>176</u>
Magnesium <u>12</u>	<u>1.0</u>	Sulfate <u>75</u>
Iron <u>No test</u>		Carbonate <u>0</u>
H ₂ S <u>No test</u>		Hydroxide <u>0</u>

cc: C.B. O'Nan
R.A. Ullrich
E.R. Paulek
J.W. McCarthy
A.M. Smith
W.B. Shropshire
D.C. Adams
File

Total Solids Dissolved 282
pH 7.0
Sp. Gr. .9956 At 60°F
Resistivity 2000 ohm-cm at 77°F

Joe Barnett
Chemist



EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

DATE August 7 1920

MORNING

DAYLIGHT

EVENING

[illegible]

SIGNED: Toolpusher

Company Supervisor