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30-039-21699

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NW Sec. 26 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #95A

cps 1422w

Elevation 6296' Completion Date 9/19/79 Total Depth 550' 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. 140', 160', 420' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 6600 lbs.

Depths anodes placed: 505', 430', 385', 355', 345', 315', 305', 295', 285', 275'

Depths vent pipes placed: 540'

Vent pipe perforations: 400'

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 9-19-79

Well Name SAN JUAN 30-6 #95A		Location NW 26-30-7		CPS No. 1422 W	
Type & Size Bit Used 6 3/4"		2" x 60" DNRIRDN		Work Order No. 57417.21	
Anode Hole Depth 550-55070	Total Drilling Rig Time	Total Lbs. Coke Used 6600	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	505	430	385	355	345
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	1.7	1.7	1.7	2.7	2.7
Anode Depth	# 6	# 7	# 8	# 9	# 10
	315	305	295	285	275
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	2.1	3.3	3.0	3.1	2.5
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 11.1		Amps 11.1		Ohms 1.0
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

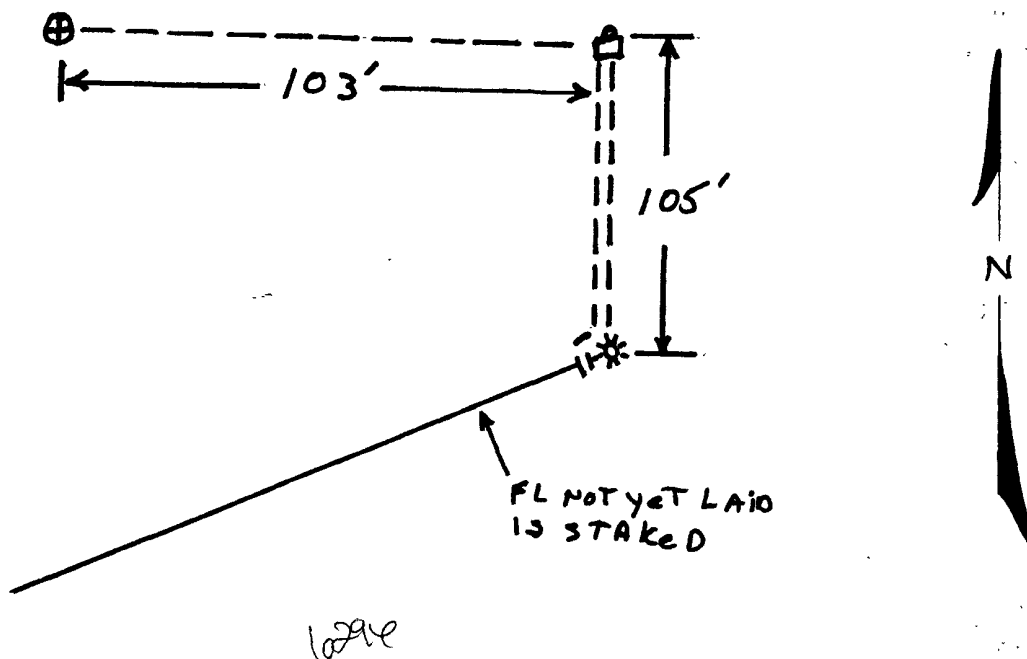
Remarks: ST % N = .86 WATER AT 140', 160' + 420' WATER 23+10 G.P.M.
DRILLED 550' LOGGED 550' INST. 540' OF VENT PIPE WITH
400 FT OF PERFORATIONS. SLURRIED 66 SACKS OF COKE

Hole depth = +50
20 FT METER LOOP
40016A Rect.
Ditch + cable = 208
EXTRA cable = 130

All Construction Completed

Robert J. Behrke
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6296

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 1 of 1
Date: 9-17-79
By: RJB
File: 1422W

1422W NW 26-30-7
SAN JUAN 30-6#95A 57417.21
STATIC % 600' N = .86

9-18-79 = 10 hrs
9-19-79 = 10 hrs

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

120	5	1.4-5
5	50	1.9
30	5	1.6-4
5	60	.9
40	5	.7
5	70	.7
50	5	.7
5	80	.7
60	5	1.0-3
5	90	.7
70	5	.6
5	400	.5
80	5	.5
5	10	.6
90	5	.6
5	20	.5
200	5	.7
5	30	1.0-2
10	5	.6
5	40	.3
20	5	.4
5	50	.5
30	5	.5
5	60	.6
40	5	.5
5	70	.5
50	5	.6
5	80	.6
60	5	.6
5	90	.6
70	5	.6
5	500	.8
80	5	1.0-1
5	10	.9
90	5	.7
5	20	.5
300	5	.5
5	30	.5
10	5	.5
5	40	.5
20	5	.5
5	30	.6
30	5	.6
5	40	.6

WATER AT 140' APPROX 2 GPM
DRILLED 550 FT LOGGED 550 FT
INST 540 FT OF VENT PIPE
400 FT PERFORATED
SLURRED 66 SACKS OF COKE
WATER LEVEL OVERNIGHT AT
270 FT
WATER AT 160 APPROX 3 GPM
WATER AT 420 APPROX 106 GPM
TOTAL 156 GPM

Hole depth = +50
40V 16A Rect
Meyer Pole
RITZ + cable = 208
EXTRA CABLE = 130
(includes 25 FT OF hook up wire)

- ① 505 - 1.0 - 1.7
- ② 430 - 1.0 - 1.7
- ③ 385 - 1.0 - 1.7
- ④ 355 - 1.5 - 2.7
- ⑤ 345 - 1.5 - 2.7
- ⑥ 315 - 1.0 - 2.1
- ⑦ 305 - 2.0 - 3.3
- ⑧ 295 - 1.4 - 3.0
- ⑨ 285 - 2.0 - 3.1
- ⑩ 275 - 1.5 - 2.5

$$11.1 \text{ V } 11.1 \text{ A} = 1.00 \text{ kws}$$

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

Analysis No. 1-9785 Date 12-18-79

Operator El Paso Natural Gas Well Name San Juan 30-6 #95A

Location NW 26-30-7 County Rio Arriba State New Mexico

Field _____ Formation _____

Sampled From C.P.S. 1422 W

Date Sampled _____ By _____

Tbg. Press. _____	Csg. Press. _____	Surface Csg. Press _____
ppm	epm	ppm epm

Sodium <u>414</u>	<u>18</u>	Chloride <u>20</u>	<u>.6</u>
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Calcium <u>18</u>	<u>1</u>	Bicarbonate <u>390</u>	<u>6</u>
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Magnesium <u>2</u>	<u>.2</u>	Sulfate <u>580</u>	<u>12</u>
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Iron <u>Present</u>		Carbonate <u>0</u>	<u>0</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
C. B. O'Nan
Very Fine Silt

Total Solids Dissolved 944

pH 7.9

Sp. Gr. 0.9978 at 60°F

Resistivity 727 ohm-cm at 70 °F

Joe Barnett
Chemist

