

1409

E

30-039 22313

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. 32 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #14A

cps 1627w

Elevation 6868' Completion Date 8/31/81 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. 80' - 100' & 250' - 270'

SAMPLE TAKEN

Depths gas encountered: N/A

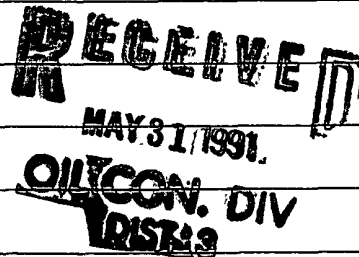
Type & amount of coke breeze used: 3400 lbs.

Depths anodes placed: 290', 280', 270', 260', 200', 190', 180', 160', 150', 140'

Depths vent pipes placed: 340'

Vent pipe perforations: 280'

Remarks: gb #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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

TIME REG C
8-31 8 3

Drilling Log (Attach Hereto) ☐

Completion Date 8-31-81

Well Name: SJ 30-6 #14A		Location: NW 32-30-6		CPS No. 1627W																																									
Type & Size Bit Used: UNION OK		STATIC = .88		Work Order No. 57871-21-58-22																																									
Anode Hole Depth: 340'	Total Drilling Rig Time:	Total Lbs. Coke Used: 3400#	Lost Circulation Mat'l Used:	No. Sacks Mud Used:																																									
<table border="1"> <tr> <td colspan="2">Anode Depth</td> <td colspan="2">Anode Output (Amps)</td> <td colspan="2">Anode Depth</td> <td colspan="2">Anode Output (Amps)</td> </tr> <tr> <td># 1 290</td> <td># 2 280</td> <td># 3 270</td> <td># 4 260</td> <td># 5 200</td> <td># 6 190</td> <td># 7 180</td> <td># 8 160</td> </tr> <tr> <td># 1 265</td> <td># 2 268</td> <td># 3 316</td> <td># 4 252</td> <td># 5 275</td> <td># 6 431</td> <td># 7 311</td> <td># 8 380</td> </tr> <tr> <td colspan="2"># 11</td> <td colspan="2"># 12</td> <td colspan="2"># 13</td> <td colspan="2"># 14</td> </tr> <tr> <td colspan="2"># 11</td> <td colspan="2"># 12</td> <td colspan="2"># 13</td> <td colspan="2"># 14</td> </tr> </table>						Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)		# 1 290	# 2 280	# 3 270	# 4 260	# 5 200	# 6 190	# 7 180	# 8 160	# 1 265	# 2 268	# 3 316	# 4 252	# 5 275	# 6 431	# 7 311	# 8 380	# 11		# 12		# 13		# 14		# 11		# 12		# 13		# 14	
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Total Circuit Resistance: Volts 11.8		Amps 17.1		Ohms .69																																									
No. 8 C.P. Cable Used:		No. 2 C.P. Cable Used:																																											

Remarks: WET 80-100' DRILLED 160' SET OVER WEEK END
BLOW SAMPLE MONDAY AM MORE WATER AT
250' TO 270'. 60' 1" PLAIN VENT PIPE BALANCE PERFORM

40-16 RECT ✓

25' METER POLE ✓

DITCH & 1 CABLE = 252' ✓

XTRA CABLE = 100' 140' ✓

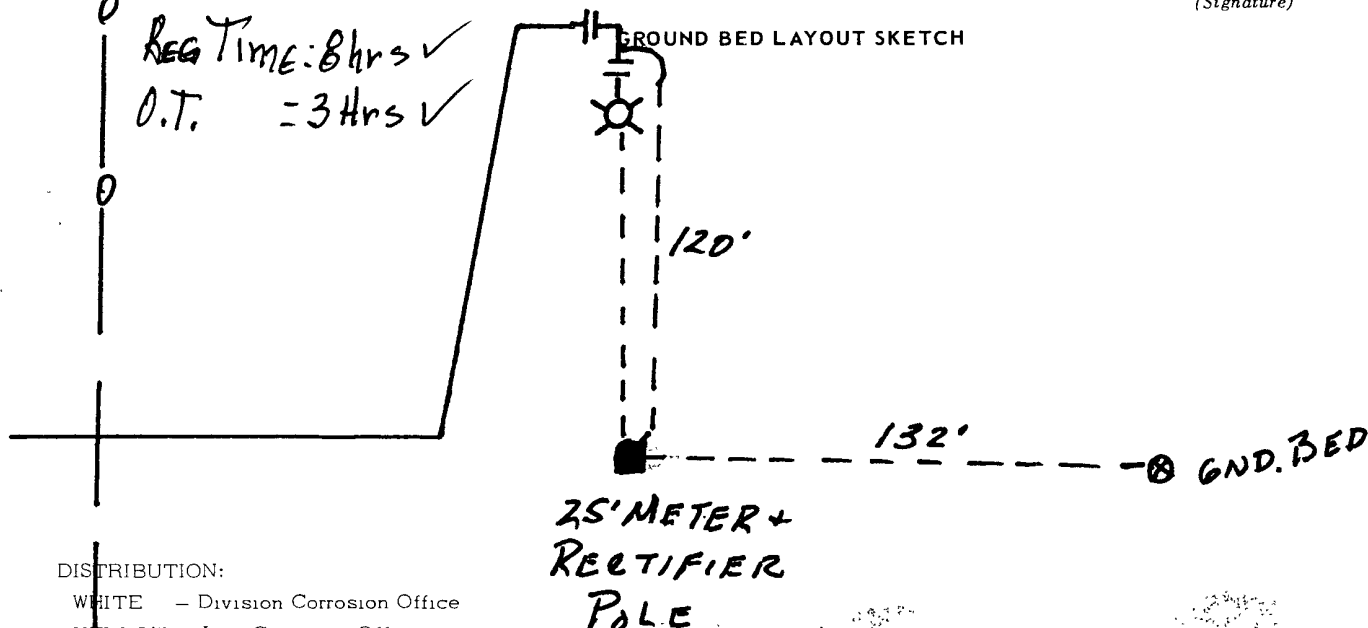
HOLE = -160' ✓

All Construction Completed

BT

(Signature)

REG Time: 8 hrs ✓
O.T. = 3 Hrs ✓



DISTRIBUTION:

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

6868

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

DATED 31 1981

REPORT NO.

RIG NO.

CONTRACTOR:

TELL NO.

16

EVENING

DAYLIGHT

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24

[illegible]

SIGNED: Toolpusher

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet 8-31-8 of 8
Date:
By: BT
File: 1627-W 57871-21-50-2

ST 30-6 #14A

NW 32-30-6

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

WET 80-100' DRILLED TO 160' SET OVER
WEEK END BLOW SAMPLE MONDAY AM
MORE WATER 250-270'
60' 1" PLAIN VENT PIPE BALANCE PERFORATED

DRILLED TO 340' LOG TO 340'

85 167
90 146
95 112
100 96

5 73
10 69
15 63
20 58
25 94
30 68 72
35 75 80
40 132 → 10
45 195
50 178 → 9
55 178
60 136 → 8
65 94
70 75
75 80
80 79 → 7
85 110
90 168 → 6
95 150
200 114 → 5

5 102
10 25
15 22
20 14
25 12
30 11
35 20
40 44
45 63
50 81
55 87 → 4
60 99
65 115
70 132 → 3
75 109
80 84 → 2
85 87
90 125 → 1
95 100
200 61

5 44
10 44
15 30
20 34
25 38
30 42
35 53
40
45
50
55
60

1 290' 105 - 265
2 280' 100 - 268
3 270' 120 - 316
4 260' 100 - 252
5 200' 119 - 275
6 190' 170 - 431
7 180' 104 - 3.11
8 160' 173 - 380
9 150' 172 - 544
10 140' 168 - 404

Volts = 11.8

AMPS = 17.1

OHMS = .69

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

Analysis No. 1-10312 Date 9-11-81

Operator El Paso Natural Gas Well Name S.J. 30-6 #14A CPS 1627W

Location NW 32-30-6 County San Juan State New Mexico

Field Blanco Formation _____

Sampled From 8-' to 100'

Date Sampled 8-31-81 By B.T.

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

	ppm	epm		ppm	epm
Sodium	<u>115</u>	<u>5.0</u>	Chloride	<u>14</u>	<u>0.4</u>

	ppm	epm		ppm	epm
Calcium	<u>22</u>	<u>1.1</u>	Bicarbonate	<u>220</u>	<u>3.6</u>

	ppm	epm		ppm	epm
Magnesium	<u>3</u>	<u>0.3</u>	Sulfate	<u>112</u>	<u>2.3</u>

	ppm	epm		ppm	epm
Iron	<u>.</u>	<u></u>	Carbonate	<u>0</u>	<u>0</u>

	ppm	epm		ppm	epm
H ₂ S	<u>.</u>	<u></u>	Hydroxide	<u>0</u>	<u>0</u>

cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

HCO₃ taken to pH 4.0

Total Solids Dissolved 402

pH 8.1

Sp. Gr. 0.9963 At 60°F

Resistivity 1667 ohm-cm at 73°F

Dennis P. Bird
Chemist

RZE

