

8A- 30-045-22252
10 = 30-045-23138

5024

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. 23 Twp 31 Rng 10
Name of Well/Wells or Pipeline Serviced ATLANTIC COM B #8A, COM C #10
cps 1319w
Elevation 6297' Completion Date 11/6/78 Total Depth 475' 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. 160' SAMPLE TAKEN

Depths gas encountered: N/A
Type & amount of coke breeze used: 33 SACKS
Depths anodes placed: 440', 430', 420', 410', 400', 390', 380', 370', 360', 350'
Depths vent pipes placed: 475'
Vent pipe perforations: 340'
Remarks: gb #1 HOLE MAKING A LITTLE GAS.

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). ☐ *2-10*

CONTRACT * 2

Completion Date 11/6/78

Well Name ATLANTIC COM B * 8A		Location NW 23-31-10		CPS No. 1319 W	
Type & Size Bit Used 6 3/4"		(2'x2'x48" GRAPHITE)		Work Order No. 57110-21	
Anode Hole Depth 475' - 475.0	Total Drilling Rig Time	Total Lbs. Coke Used 33 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 440'	# 2 430'	# 3 420'	# 4 410'	# 5 400'	# 6 390'
# 7 380'	# 8 370'	# 9 360'	# 10 350'		
Anode Output (Amps)					
# 1 3.2	# 2 3.1	# 3 3.1	# 4 3.0	# 5 2.7	# 6 3.2
# 7 3.2	# 8 3.8	# 9 3.8	# 10 4.6		
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 11.6	Amps 14.2	Ohms .82			

Remarks: STATIC 600' N. = .82V Driller SAID WATER AT 160' APPROX.
2 GAL./MIN. TOOK WATER SAMPLE DRILLED 475', LOGGED 475'.
INSTALLED 475' OF 1" P.V.C. VENT PIPE. PERFORATED 340'.
HOLE MADE A LITTLE GAS.

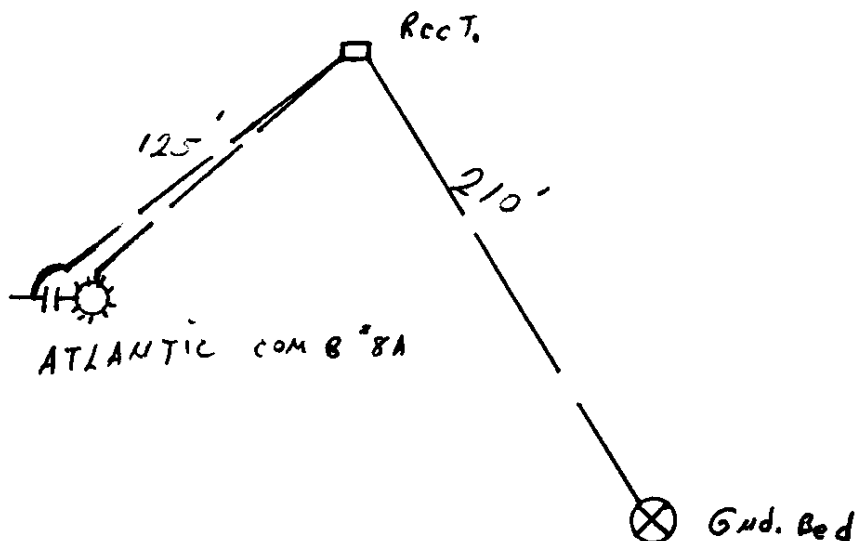
All Construction Completed

Ditch & 1 cable = 335'
extra cable = 125'

Stub Pole & 40v 16A Rect.

Hole Depth - 25'

GROUND BED LAYOUT SKETCH



[illegible]

SIGNED: Toolfisher

Dr. M. J. Davis

Company Supervisor

Left water 2 g. L.T.M. at 160
water at 2600 at 5 g. L.T.M.

REMARKS -
Anchored 6 30 AM to 475
fathoms 475

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

CPS * 1319-W

ATLANTIC COM B #8A

NW 23-31-10

W.O. 57110-21

MW	gals/mol
16.04	C ₁ 8.4
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 17.48
114.23	C ₈ 19.39
28.05	C ₂ 9.84
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

160-		30-2.1	Driller said WATER AT 160'. Approx. 2 gal/min. Took WATER SAMPLE. Drilled 475' Logged 475'. INSTALLED 475' of 1" A.V.C. vent pipe. Perforated 340'. HOLE MADE A LITTLE GAS.
20-		40-1.9	
80-1.0		50-2.1 - ⑩	
90-.9		60-2.3 - ⑨	
200-1.2		70-2.1 - ⑧	11/6/78 JL 11.6 V. 14.2 A = .82
10-.7		80-1.9 - ⑦	
20-1.2		90-1.7 - ⑥	
30-1.2		400-1.6 - ⑤	
40-1.0		10-1.7 - ④	T.D
50-.9		20-1.7 - ③	
60-.7		30-1.6 - ②	
70-.8		40-1.5 - ①	
80-.7		50-1.6	1-440'-2.2-3.2 2-430'-2.0-3.1 3-420'-2.0-3.1 4-410'-2.0-3.0 5-400'-1.9-2.7 6-390'-2.4-3.2 7-380'-2.1-3.2 8-370'-2.5-3.8 9-360'-2.9-3.8 10-350'-3.4-4.6
90-.5		60-1.5	
300-1.0		70-.8	
10-.7		75-Dr 22.1 -	
20-2.1			
2.0			

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

Analysis No. 1-9415 Date 12-12-78

Operator _____ Well Name ATLANTIC COM B #8A 1319 W

Location NW 23-31-10 County _____ State _____

Field _____ Formation _____

Sampled From CPS 1319 W

Date Sampled _____ By _____

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

Sodium <u>92</u>	Chloride <u>12</u>	
4	.3	

Calcium <u>340</u>	Bicarbonate <u>151</u>	
17	3	

Magnesium <u>32</u>	Sulfate <u>987</u>	
3	21	

Iron <u>PRESENT</u>	Carbonate <u>0</u>	
	0	

H ₂ S <u>ABSENT</u>	Hydroxide <u>0</u>	
	0	

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

Total Solids Dissolved 1592

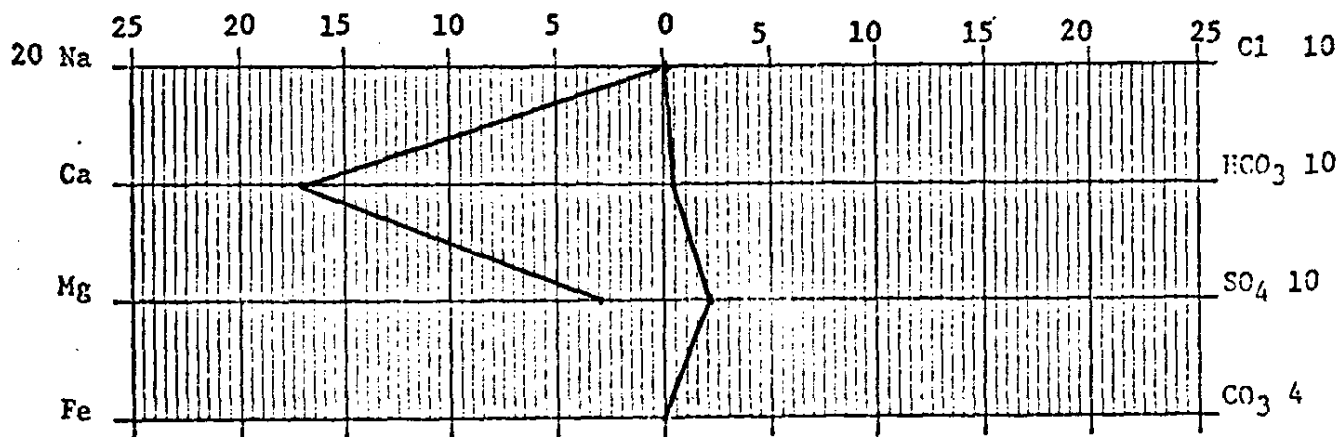
pH 7.7

Sp. Gr. 1.0027 at 60°F

Resistivity 530 ohm-cm at 75 °F

Water at 160'
2gal/min

Barnett - Ellisberg
Chemist



Scale: epm