

1026

E

30-045-22388

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. 22 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced ATLANTIC #6A

cps 1198w

Elevation 6256' Completion Date 5/16/78 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. 140'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 330', 320', 310', 300', 290', 280', 270', 260', 235', 170'

Depths vent pipes placed: 320'

Vent pipe perforations: 280'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV. 1
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 5/16/78

Well Name ATLANTIC # 6 A		Location NW 22-31-10		CPS No. 1198 W	
Type & Size Bit Used 6 3/4				Work Order No. 57214-21	
Anode Hole Depth 400' - 370' T.D.	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
1 330'	2 320'	3 310'	4 300'	5 290'	6 280'
7 270'	8 260'	9 235'	10 170'		
Anode Output (Amps)					
1 2.3	2 2.6	3 3.1	4 3.0	5 2.6	6 4.2
7 4.0	8 2.4	9 2.1	10 2.3		
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. 3 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 11 V	Amps 10 A	Ohms 1.1			

Remarks: Driller said water AT 140', stopped drilling AT 140', water standing in hole next A.M. AT 130', could not get good water sample. Driller said hole making approx. 1 gal/min. Drilled to 400' log stopped AT 370'. INSTALLED 370' of 1" p.v.c. vent pipe perforated 280'.

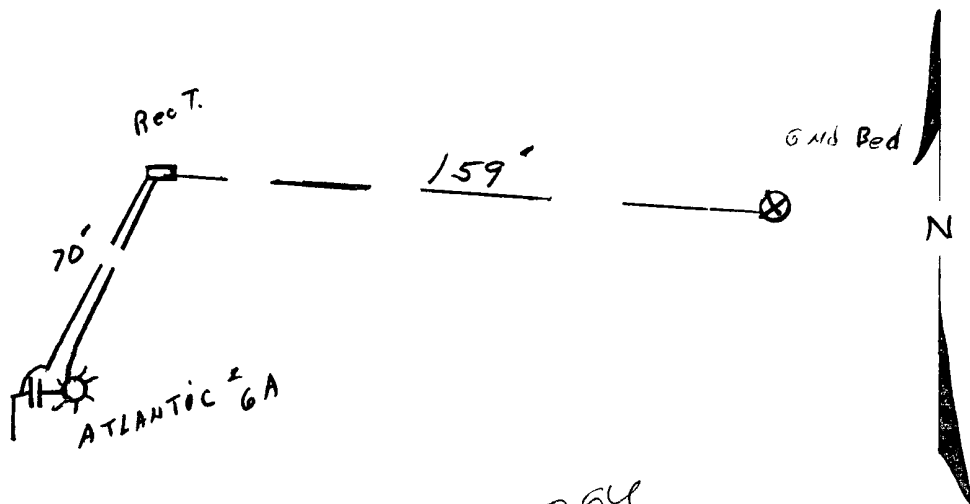
1 cable & ditch = 229'
extra cable = 70'
Hole Depth = -130'
40/16 Rect. & stub pole

STATIC 600' EAST = .80V

All Construction Completed

JE Smith
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6254

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet _____ of _____
Date _____
By _____
File: _____

ATLANTIC 6A

N.W. 22-31-10

CPS - 1198 W

N.O. 57214-21

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

140 - .7	10 - 1.6 — ③
50 - .9	1.6
50 - .8	20 - 1.5 — ②
60 - .5	1.4
70 - 1.2 — ⑩	30 - 1.4 — ①
80 - 1.0	1.1
90 - 1.0	40 - 1.2
200 - 1.0	.90
10 - 1.0	50 - 1.5
20 - .9	1.6
30 - .8	60 - 1.6
40 - 1.2 — ⑨	70 - 1.2
50 - 1.4	70 - 1.6 T.D.
60 - 1.4 — ⑧	90 -
70 - 1.6 — ⑦	90 -
80 - 2.4 — ⑥	400 - Drilled To.
90 - 2.0 — ⑤	
300 - 1.8 — ④	
- 1.6	

Driller said water at 140'
Drilled 140', water standing
in hole at 130' next A.M.
Drilled to 400'
Log stopped at 370'

could not get good
water sample hole made
approx 2 gal/min.

Installed 370' of 1" P.V.C.
vent pipe Perforated
280'

1 - 330' - 1.4 - 2.3
2 - 320' - 1.6 - 2.6
3 - 310' - 1.9 - 3.1
4 - 300' - 1.8 - 3.0
5 - 290' - 2.3 - 2.6
6 - 280' - 2.6 - 4.2
7 - 270' - 2.4 - 4.0
8 - 260' - 1.6 - 2.4
9 - 235' - 1.5 - 2.1
10 - 170' - 1.2 - 2.3

11V 10A = 1.1 ~

5/16/78

[Signature]

