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30-045- 22996

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

Operator TENNECO Location: Unit NW Sec. 34 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced ATLANTIC B #7A

cps 1447w

Elevation 6243' Completion Date 7/6/79 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. 81' - 155' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 51 SACKS

Depths anodes placed: 385', 375', 365', 355', 345', 335', 325', 315', 305', 275'

Depths vent pipes placed: 400'

Vent pipe perforations: 280'

Remarks: gb #1 NOT A MERIDIAN WELL.

RECEIVED
MAY 31 1991
OIL CON. DIV. I
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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Contract # 2

Completion Date 7-6-79

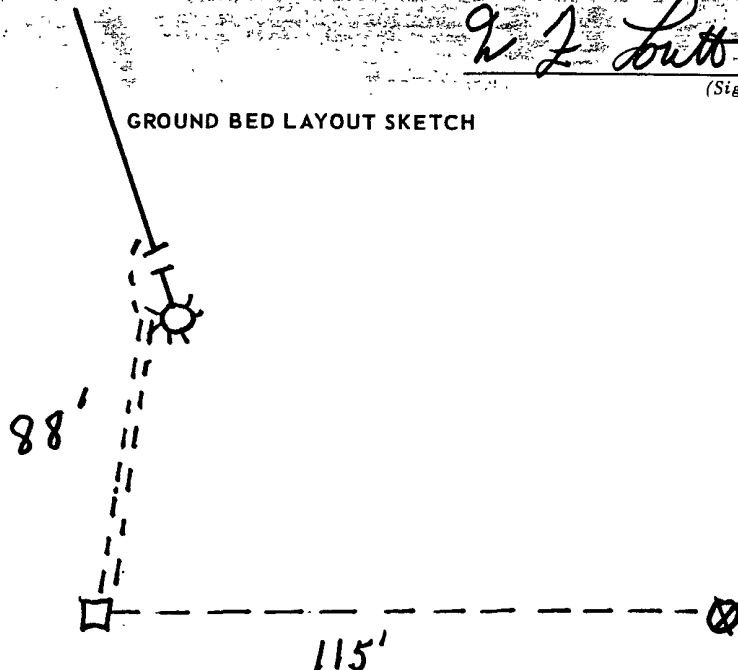
Well Name ATLANTIC B #7-A		Location NW 34-31-10		CPS No. 1447W	
Type & Size Bit Used 6 3/4" 10-2" x 60" DURIRON				Work Order No. 57326-21	
Anode Hole Depth 400' - 400'	Total Drilling Rig Time	Total Coke Used 51 SACKS	Lost Circulation Mat'l Used 0	No. Sacks Mud Used 0	
Anode Depth	#1	#2	#3	#4	#5
	385	375	365	355	345
Anode Output (Amps)	#1	#2	#3	#4	#5
	4.8	5.6	5.0	5.1	5.0
Anode Depth	#6	#7	#8	#9	#10
	335	325	315	305	275
Anode Output (Amps)	#6	#7	#8	#9	#10
	4.5	4.7	4.6	3.6	3.2
Total Circuit Resistance	Volts 11.9		Amps 18.9		Ohms 0.63
No. 8 C.P. Cable Used			No. 12 C.P. Cable Used		

Remarks: Static 600' W = 0.83. DRILLER SAID WATER @ 81' TO 155'. DRILLED TO 140'.
Next A.M. WATER STANDING @ 105'. 3 GALS PER MIN. Installed 400' of 1" PVC
Vent Pipe. Perforated 280' of 1" PVC vent pipe. Slurried 51 SACKS OF COKE
40 V 16A Rectifier Hole Credit = -100'
20' Motor Pole Extra Cable = 108'
10' stub Pole Ditch & 1 Cable = 203'

All Construction Completed

W. Z. Luth
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6243

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 1 of 1

Date: 7-6-79

By: NPL

File: 1.36

Atlantic B #7-A
Static 600'w = 0.83

1447W NW 34-31-10
CONTRACT #2

57326-21

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		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

10-2' X 60" Duriron
20' Motor Pole
10' Stub Pole
40' 0.16 A Rectifier
Hole Credit = -100
EXTRA CABLE = 108'
Ditch 51 cable 203'

DRILLER SAID WATER @ 81' to 155'
DRILLED TO 140' next AM. WATER &
STANDING @ 105' 3 GALS PER MIN
Installed 400' 0.5" PVC vent Pipe
Perforated 280' 0.5" PVC vent Pipe
SHIPPED 57 SACKS OF COKE

7-6-79 10 HRS

160	.4	60	.5
	.4		.3
10	.5	70	1.1
	.6	(10)	1.7
20	.6	80	1.4
	.6		1.3
30	1.0	90	1.4
	1.0		1.4
40	.9	300	.9 2
	.8	(9)	1.3
50	.4	10	2.0
	.9	(5)	1.8
60	1.2	20	2.3
	1.2	(7)	2.4
70	1.2	30	2.4
	.9 ?	(6)	2.4
80	1.0	40	2.3
	.6	(5)	2.3
90	.7	50	2.4
	.7	(2)	2.4
200	.7	60	2.2
	.6	(3)	2.1
	.5	70	2.2
	.7	(2)	2.4
	.5	80	2.1
	.6	(1)	2.1
30	.7	90	2.1
	.8		2.1
40	.8	400	

①	385	2.9	4.8
②	375	3.3	5.6
③	365	2.8	5.0
④	355	3.1	5.1
⑤	345	3.2	5.0
⑥	335	3.1	4.5
⑦	325	3.4	4.7
⑧	315	3.1	4.6
⑨	305	2.4	3.6
⑩	275	2.1	3.2

Volts 11.9
amps 18.9
ohms 0.63

+ D5 DRILLED

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

Analysis No. 1-9620 Date 7-11-79
Operator EPNG Well Name ATLANTIC B #7A
Location NW 34-31-10 County SAN JUAN State NM
Field Formation

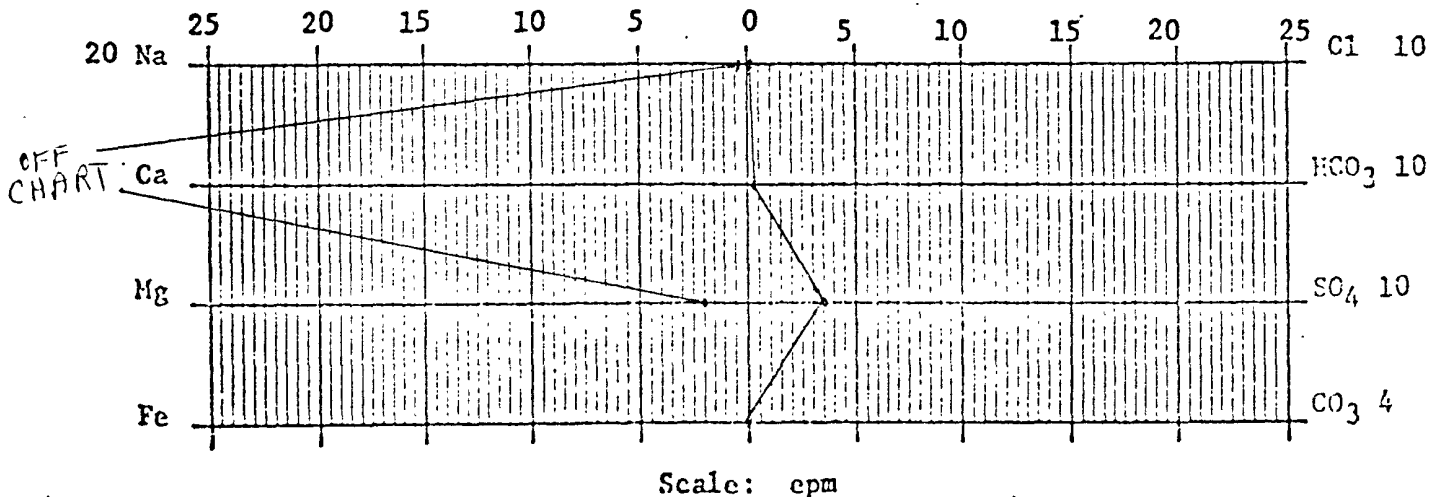
Sampled From CPS-1447-20
Date Sampled By

Tbg. Press.	Csg. Press.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>184</u>	<u>8</u>	Chloride <u>16</u>
Calcium <u>564</u>	<u>28</u>	Bicarbonate <u>117</u>
Magnesium <u>22</u>	<u>2</u>	Sulfate <u>1700</u>
Iron <u>PRESENT</u>		Carbonate <u>0</u>
H ₂ S <u>ABSENT</u>		Hydroxide <u>0</u>

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

Total Solids Dissolved 2952
PH 8.3
Sp. Gr. 1.0034 at 60°F
Resistivity 320 ohm-cm at 74°F

Charles Truettiger
Chemist *WJS*



1447 W
LEASE

Contract #2
DRILLING
TRACTOR O'Brian

LEASE

WELL NO.

CONTRACTOR

RIG NO.

REPORT NO.

DATE _____

19 79

MORNING					DAYLIGHT					EVENING				
Driller		Total Men In Crew			Driller		Total Men In Crew			Driller		Total Men In Crew		
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.
BIT NO.		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.		
SER. NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS		
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES		
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY		
MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH		
MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		MUD RECORD			MUD, ADDITIVES USED AND RECEIVED	
Time	Wt.	Vis.			Time	Wt.	Vis.			Time	Wt.	Vis.		
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN		
0	35	Sand			205	235	Sandstone							
35	81	Shale			235	240	Sandy Shale							
81	155	Sandstone - "water"			240	310	Sand							
155	185	Shale			310	400	Sandy Shale							
185	200	Sandstone												
200	205	Shale												
REMARKS -					REMARKS -					REMARKS -				
										400 ft w/ 6 3/4				
										Logged to 400				
										estimate water - 3 gpm				
										water @ 105 over nite.				

SIGNED: Toolpusher

Obwohl

____ Company Supervisor