

968

8

30-045- 22911

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

Operator MERIDIAN OIL Location: Unit SE Sec. 34 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced ATLANTIC B #9A

cps 1449w

Elevation 6278' Completion Date 7/9/79 Total Depth 370' 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' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 48 SACKS

Depths anodes placed: 340', 330', 320', 310', 295', 280', 240', 230', 220', 210'

Depths vent pipes placed: 370'

Vent pipe perforations: 260'

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). ☐

Contract #2

Completion Date 7-9-79

Well Name ATLANTIC B #9-A		Location SE 34-31-10		CPS No. 1449W	
Type & Size Bit Used 6 3/4		10-2" X 60" DURI-ON		Work Order No. 57327-21	
Anode Hole Depth 370'	Total Drilling Rig Time	Total Coke Used 48 SACKS	Lost Circulation Mat'l Used 0	No. Sacks Mud Used 0	
Anode Depth					
# 1 340	# 2 330	# 3 320	# 4 310	# 5 295	# 6 280
# 7 240	# 8 230	# 9 220	# 10 210		
Anode Output (Amps)					
# 1 3.0	# 2 3.3	# 3 4.2	# 4 3.4	# 5 1.7	# 6 2.0
# 7 1.9	# 8 2.6	# 9 2.6	# 10 3.3		
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. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 12.0	Amps 13.3	Ohms 0.90			

Remarks: Static 600' NW = 0.82. DRILLER SAID WATER @ 140'. 4 GALS PER MIN.
INSTALLED 370' OF 1" PVC VENT PIPE, PERFORATED 260' OF 1" PVC VENT PIPE
SLURRIED 48 SACKS OF COKE.

40-16 Rectifier. EXTRA CABLE = 250'

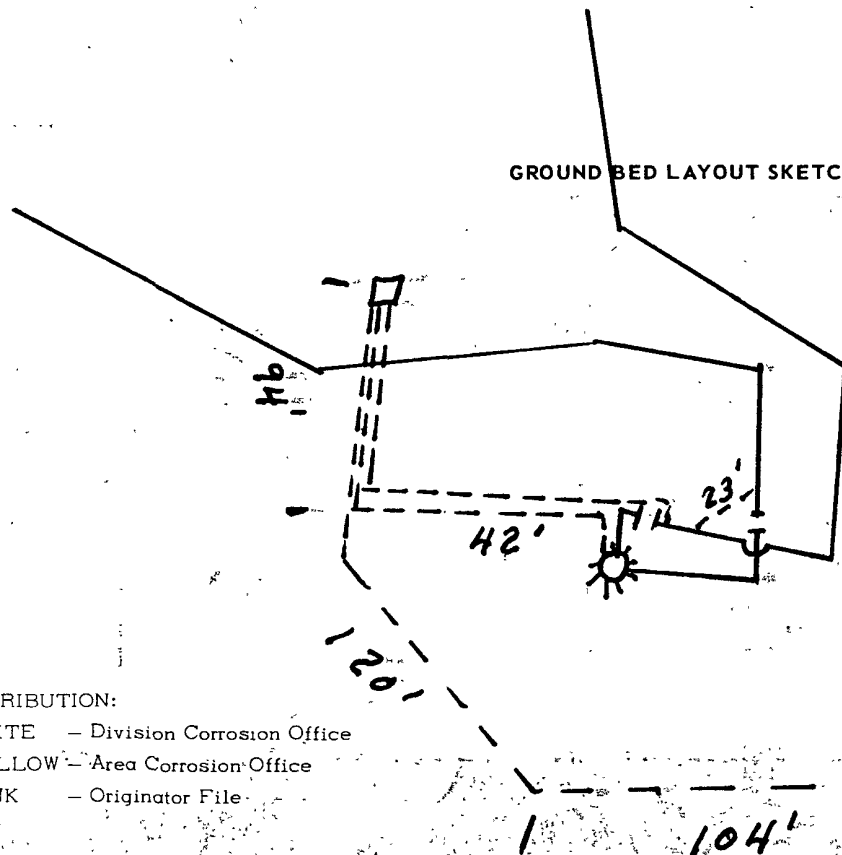
Stub Pole DITCH #1 CABLE = 383'

Hole credit = -130'

All Construction Completed

W. L. Lutz
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

DAILY DRILLING REPORT

LEASE 1449 W WELL NO. Contract #2 CONTRACTOR O'Brien RIG NO. 1 REPORT NO. 7-9-79 DATE 7-9-79 19

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.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.
SIZE		STANDS			SIZE		STANDS			SIZE		STANDS		
TYPE		SINGLES			TYPE		SINGLES			TYPE		SINGLES		
MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY		
TOTAL DEPTH					TOTAL DEPTH					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	235	275	Sand			
35	41	Shale	275	370	Shale w/ small sand streaks			
41	170	Sand water						
170	178	Shale						
178	210	Sand - Bentonite						
210	235	Shale Sandy						

REMARKS -	REMARKS -	REMARKS -
		674 - 370 ft
		Logged 370
		Water overnite @ 140
		estimate 49pm water
		Jerry Langley

SIGNED: Toolpusher

O'Brien

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

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

ATLANTIC B #9-A

1449W
CONTRACT #2

SE34-31-10

57327-21

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

STATIC 600' NW = 0.82

40V 16A RECTIFIER

Stub Pole

10-2" X 60" DURIRON

Hole Credit = -130

EXTRA CABLE = 250'

Ditch Cable = 383'

DRILLER SAID WATER @ 140' 4 GALS. PER MIN.

Installed 370' of 1" PVC vent Pipe

Perforate 2260 PSI" PVC vent Pipe

Shipped SACKS of COKE

7-9-79 11 HRS

140	.7	90	1.1
	.7	⑤ 90	1.2
50	1.4	300	1.2
	1.2		.9
60	.7	④ 10	1.1
	.6		2.3
70	.6	③ 20	2.5
	.9		2.4
80	.8	② 30	2.1
	.6		1.8
90	1.3	① 40	1.7
	2.2		1.7
200	2.4	50	1.4
	2.3		1.3
⑩ 10	2.1	60	.7
	1.7		.7
⑨ 20	1.7	70	.7
	1.7		
⑧ 30	1.5		
	1.4		
⑦ 40	1.3		
	1.1		
50	.9		
	.7		
60	.7		
	.7		
70	.7		
	.8		
⑥ ⑧ 80	1.4		
	1.4		

Logged & Drilled

①	340	2.1	3.0
②	330	2.3	3.3
③	320	3.5	4.2
④	310	2.8	3.4
⑤	295	1.4	1.7
⑥	280	1.7	2.0
⑦	240	1.5	1.9
⑧	230	1.8	2.6
⑨	220	2.1	2.6
⑩	210	2.6	3.3

VOLTS 12.0
AMPS 13.3
OHMS 0.90

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

Analysis No. 1-9622 Date 7-11-79

Operator EPNG Well Name ATLANTIC B #9A

Location SE 34-31-10 County SAN JUAN State NM

Field _____ Formation _____

Sampled From CPS 1449-W 140'

Date Sampled _____ By _____

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

Sodium <u>161</u>	Chloride <u>28</u>	
<u>7</u>	<u>1</u>	

Calcium <u>616</u>	Bicarbonate <u>161</u>	
<u>31</u>	<u>3</u>	

Magnesium <u>47</u>	Sulfate <u>1850</u>	
<u>4</u>	<u>38</u>	

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

H ₂ S <u>ABSENT</u>	Hydroxide <u>0</u>	
<u>0</u>	<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 3308
pH 8.4
Sp. Gr. 1.0039 at 60°F
Resistivity 300 ohm-cm at 74 °F

Cheryl T. Milligan
Chemist *WJS*

