

4937

30-045-10362

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

Operator MERIDIAN OIL Location: Unit NE Sec. 29 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced ATLANTIC A #8

cps 331w

Elevation 6010' Completion Date 5/12/72 Total Depth 280' 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. 75'

Depths gas encountered: N/A

Type & amount of coke breeze used: 5700 lbs.

Depths anodes placed: 230', 215', 200', 185', 175', 160', 145', 130', 115', 100'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: gb-#2-

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.

RECEIVED

MAY 31 1991

OIL CON. DIV
DIST 2

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

No 2 G.B.

Leid

Drilling Log (Attach Hereto) ☐

Completion Date *5-12-72*

Well Name <i>Atlantic #8 A</i>		Location <i>NE 29-37-10</i>		CPS No. <i>331 W</i>	
Type & Size Bit Used <i>6 3/4</i>		Work Order No. <i>189-62611-50-20</i>			
Anode Hole Depth <i>200</i>	Total Drilling Rig Time	Total Lbs. Coke Used <i>5700</i>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <i>230</i>	# 2 <i>215</i>	# 3 <i>200</i>	# 4 <i>185</i>	# 5 <i>175</i>	# 6 <i>160</i>
# 7 <i>145</i>	# 8 <i>130</i>	# 9 <i>115</i>	# 10 <i>100</i>		
Anode Output (Amps)					
# 1 <i>4.5</i>	# 2 <i>4.5</i>	# 3 <i>4.4</i>	# 4 <i>4.8</i>	# 5 <i>5.0</i>	# 6 <i>5.2</i>
# 7 <i>5.5</i>	# 8 <i>5.6</i>	# 9 <i>4.8</i>	# 10 <i>4.7</i>		
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		
Volts <i>11.5</i> Amps <i>13.3</i> Ohms <i>0.86</i>			No. 2 C.P. Cable Used		

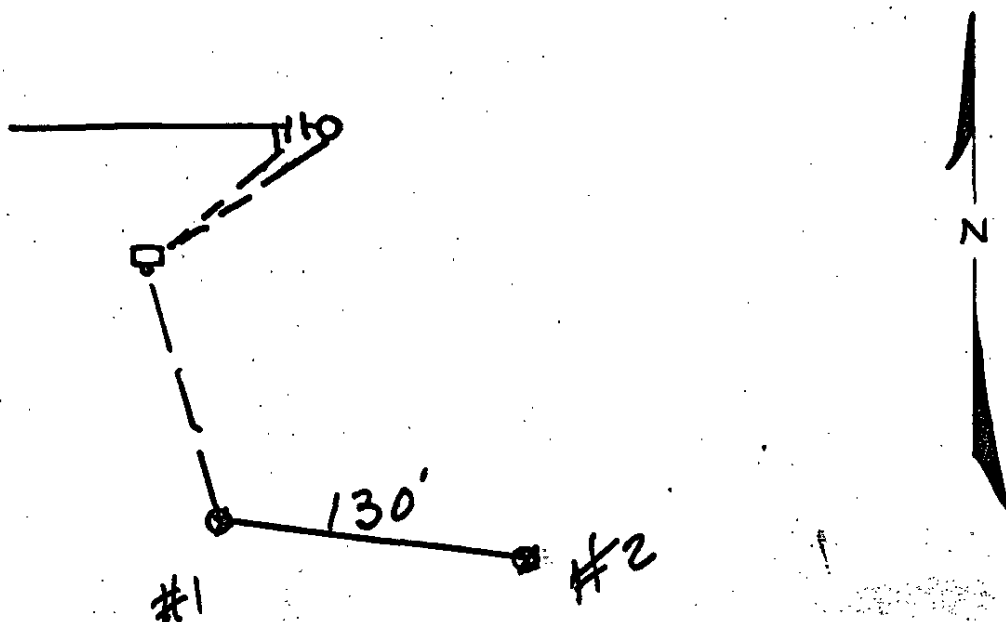
Remarks: *Hole Drilled 5-11-72 - Water level on 5-12-72 = 75'*
Hose Perforated 200'
Pumped 338 Shovels, Slurry 60 ~~Bags~~ Shovels
Est. 57 Bags Coke

All Construction Completed

ERP - OHS

(Signature)

GROUND BED LAYOUT SKETCH



C.P.S. # 331w

DAILY DRILLING REPORT

LEASE <i>atlantic</i>				WELL NO. # <i>84</i>				CONTRACTOR <i>Morrison</i>				RIG NO.				REPORT NO.				DATE <i>5-12</i>				1972											
MORNING								DAYLIGHT								EVENING																			
Driller <i>Morrison</i>				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.	FROM	TO	FORMATION	WT-BIT	R.P.M.																
0	20	<i>base sand</i>																																	
20	100	<i>big sand & shale</i>																																	
100	120	<i>big sand</i>																																	
120	250	<i>shale & sand shale</i>																																	
BIT NO.				NO. DC				SIZE				LENG.				BIT NO.				NO. DC				SIZE				LENG.							
SERIAL NO.				STANDS				SINGLES				DOWN ON KELLY				SERIAL NO.				STANDS				SINGLES				DOWN ON KELLY							
TYPE				TOTAL DEPTH				MAKE				TYPE				TOTAL DEPTH				MAKE				TYPE				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			
REMARKS -								REMARKS -								REMARKS -																			

SIGNED: Toolpusher

Joe McNeer

Company Supervisor

219
120
358

3314 Atlantic # 8A - 5-12-72

IN	OUT	gals/mol
15	10	6.4
20	15	6.54
25	20	6.68
30	25	6.82
35	30	6.96
40	35	7.10
45	40	7.24
50	45	7.38
55	50	7.52
60	55	7.66
65	60	7.80
70	65	7.94
75	70	8.08
80	75	8.22
85	80	8.36
90	85	8.50
95	90	8.64
100	95	8.78

75	4.0	255	Perf. Hose 200'			
80	4.2	260				
85	4.6	65				
90	4.6	70	Depth	Log	Wte.	Code
95	4.5	75	1	230	3.7	3.4 4.5
100	4.55		2	215	4.0	3.6 4.5
	4.8		3	200	4.0	3.6 4.4
10	5.0		4	185	4.3	3.8 4.2
	5.0		5	175	4.9	4.1 5.0
20	4.9		6	160	4.7	4.2 5.2
	5.05		7	145	4.8	4.6 5.5
30	4.85		8	130	4.65	4.6 5.6
	4.85		9	115	5.0	3.8 4.8
40	4.9		10	100	4.55	3.7 4.7
	4.8					
50	4.85		Pump 338 Slurry 60 Shovels			
	4.8					
60	4.7			11.5 V	13.3 A	0.86 ~
	4.5		Est 57 Bags			
70	5.0					
	4.9					
80	4.2					
	4.5					
90	4.3					
	4.05					
200	4.0					
	3.9					
10	3.9					
	4.0					
20	4.1					
	4.3					
30	3.7					
	3.15					
40	2.95					
	2.75					
50						
	Bottom					

IN	OUT	gals/mol
15	10	6.4
20	15	6.54
25	20	6.68
30	25	6.82
35	30	6.96
40	35	7.10
45	40	7.24
50	45	7.38
55	50	7.52
60	55	7.66
65	60	7.80
70	65	7.94
75	70	8.08
80	75	8.22
85	80	8.36
90	85	8.50
95	90	8.64
100	95	8.78

$$\begin{array}{r}
 13.3 \overline{) 11.50} \\
 \underline{1060} \\
 860 \\
 \underline{798} \\
 .86
 \end{array}$$

EL PASO NATURAL GAS COMPANY
DEEP GROUND BED DATA
FARMINGTON, NEW MEXICO AREA
LOG FOR ATLANTIC #8-A

CPS-331-W

DEPTH FEET	LOGGING CURRENT (AMPS)	BEFORE COKE	AFTER COKE	ANODE NUMBER	DEPTH FEET	LOGGING CURRENT (AMPS)	BEFORE COKE	AFTER COKE	ANODE NUMBER
75'	4.0								
80'	4.2								
85'	4.6								
90'	4.6								
95'	4.5								
100'	4.55	3.7	4.7	#10					
105'	4.8								
110'	5.0								
115'	5.0	3.8	4.8	#9					
120'	4.9								
125'	5.05								
130'	4.85	4.6	5.6	#8					
135'	4.85								
140'	4.9								
145'	4.8	4.6	5.5	#7					
150'	4.85								
155'	4.8								
160'	4.7	4.2	5.2	#6					
165'	4.5								
170'	5.0								
175'	4.9	4.1	5.0	#5					
180'	4.2								
185'	4.3	3.8	4.8	#4					
190'	4.3								
195'	4.05								
200'	4.0	3.6	4.4	#3					
205'	3.9								
210'	3.9								
215'	4.0	3.5	4.5	#2					
220'	4.1								
225'	4.3								
230'	3.7	3.4	4.5	#1					
235'	3.15								
240'	2.95								
245'	2.75								
250'	2.7								

WELL: Atlantic #8-A
W.O. #184-62611.19-50-20
LOCATION: N.E. Sec. 29-31N-10W
DATE INSTALLED: 5-12-72
WATER LEVEL:
GROUNDBED: Volts: 11.5 - Amps 13.3
Total Resistance 0.864 Ohms