

30-045-22389

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. 29 Twp 31 Rng 10Name of Well/Wells or Pipeline Serviced ATLANTIC A #8A

cps 1199w

Elevation 6057 Completion Date 6/26/78 Total Depth 340' Land Type* N/ACasing, Sizes, Types & Depths 24' OF 8" PIPEIf Casing is cemented, show amounts & types used N/AIf 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. 80' & 100'Depths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 290', 280', 270', 235', 225', 215', 205', 185', 175', 165'Depths vent pipes placed: N/AVent pipe perforations: N/ARemarks: 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). ☐

Completion Date 6-26-78

Well Name ATLANTIC A #8A		Location NW 29-31-10		CPS No. 1199 W	
Type & Size Bit Used 6 3/4"				Work Order No. 57216-21	
Anode Hole Depth 340 - 335 TD	Total Drilling Pig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
1 290	2 280	3 270	4 235	5 225	6 215
7 205	8 185	9 175	10 165		
Anode Output (Amps)					
1 4.8	2 5.0	3 4.6	4 4.8	5 5.5	6 4.6
7 4.8	8 5.2	9 5.6	10 5.2		
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 8.2	Amps 13.0	Ohms .63			

Remarks: **STATIC = .86 CABLE TOOLS 28'-2" HOLE SET 24'6" 8" PIPE (33 1/2 HRS) DRILLED TO 340' LOGGED TO 335' DAMP AT 80' GOOD WATER 100' - 110' ESTIMATE 3-4 GAL PER MIN. HOLE FULL NEXT AM. FILLED W/ WATER TO 100' TO LOG.**

DITCH 1 WIRE = 227'

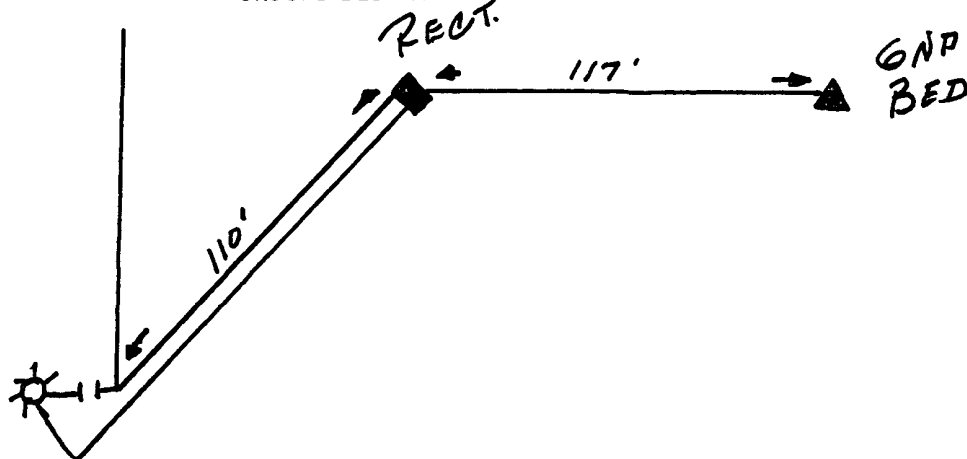
EXTRA WIRE = 110'
40/16 & 20' METER POLE
HOLE = -165'

All Construction Completed

BT

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6057

57216-21

1199 W
ATLANTIC A #8A

STATIC = .86
NW 29-31-10

DRILLED TO 340' LOGGED TO 335'
DAMP AT 80' GOOD WATER AT 100' TO 110' HOLE FILL
NEXT A.M. FILLED W/ WATER TO 100'
HOLE = -165'

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	MISC	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

100-2.6	60-2.5
2.4	3.0
10-2.4	70-3.0 (3)
2.9	3.2
20-2.6	80-3.1 (2)
2.7	3.0
30-2.4	90-3.1 (1)
1.8	3.2
40-1.6	300-2.6
1.8	1.2
50-2.2	10-1.2
2.8	1.4
60-3.0	20-.8
3.3 (10)	.6
70-3.3 (4)	.8
3.6 (8)	1.4
80-3.6 (3)	40-
3.5 (2)	50-
90-3.2 (1)	60-
2.8	70-
200-2.7	80-
3.0 (7)	90-
10-3.3 (6)	400-
3.0 (5)	
20-3.1 (4)	
3.3 (3)	
30-3.5 (2)	
3.1 (1)	
40-3.2	
2.8	
50-2.7	
2.6	

$$8.2 \sqrt{13.0A} = .63 \Omega$$

- 1 = 290-4.2-4.8
- 2 = 280-4.0-5.0
- 3 = 270-3.8-4.6
- 4 = 235-3.8-4.8
- 5 = 225-4.2-5.5
- 6 = 215-3.6-4.6
- 7 = 205-3.8-4.8
- 8 = 185-4.0-5.2
- 9 = 175-4.6-5.6
- 10 = 165-4.4-5.2

Atlantic A#8A

LEASE					WELL NO. 1199w					CONTRACTOR Posey					RIG NO.					REPORT NO.					DATE 6-26 1978																			
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.																			
SERIAL 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																						
REMARKS -															REMARKS -															REMARKS -														
0-25 Cable Tool															185-340 Sandy shale															Made WATER 80FT.														
25-50 Shale																														3-4 gal. per min.														
50-60 SAND																																												
60-70 Shale																																												
70-80 SAND																																												
80-140 Shale																																												
140-160 Sandy shale																																												
160-185 Shale																																												

SIGNED: Toolpusher

Company Supervisor

SAN JUAN DIVISION LABORATORY

ANALYSIS NO. 1-9230

DATE COMPLETED 7-6-78

WELL NAME	LOCATION S T R	DATE SECURED	GAL./ - DAY	PPM T.D.S.	pH	PPM CHLORIDES	PPM SULFATE
Jones A #1A MV	10-28-8	6-20	24	7452	7.0	4320	7840
Jones A #1A PC	10-28-8	6-20	1	39	6.8	13	1000
Lughes #4A	20-29-8	6-20	54	6858	7.2	4830	1280
Day A #5A	18-29-8	6-20	38	7632	7.1	6320	2500
Day #1A	17-29-8	6-20	80	6670	7.4	6390	500
Day A #1A	17-29-8	6-20	106	7527	7.4	7170	1000
Day #3A	18-29-8	6-20	42	6913	6.7	7170	1000
Day A #2A	7-29-8	6-20	96	5887	7.6	6320	64
El Paso #1A	20-29-9	6-17	8	9493	6.8	6745	7080
Wansfield #2A 1241W	19-30-9	6-19		1019	7.3	24	1520
Wigley #1A 1275W	6-30-9	6-19		430	7.1	20	600
Worance #2A 1220W	21-30-9	6-19		1373	7.3	16	2520
San Juan #11A 1252W	11-30-10	6-19		636	6.4	24	800
San Ray A #1A 1263W	15-30-10	6-19		210	6.2	8	600
Atlantic D Com #5A 1209W	12-30-10	6-19		1493	6.6	16	3000
Wernaghan #4A 1237W	30-31-8	6-19		432	7.3	12	600
Wernaghan #2A 1235W	28-31-8	6-19		190	7.2	16	680
Wernaghan #1A 1234W	33-31-8	6-19		571	6.9	32	800
Walker 1A 1271W	31-31-9	6-19		1664	7.0	32	3520
Atlantic A #8A 1199W	29-31-10	6-19		2637	7.1	152	5560
Atlantic "C" 4A 1200W	31-31-10	6-19		6720	7.7	504	9800
Cott #4A 1258W	17-31-10	6-19		4506	7.0	186	7760
Brookhaven Com A-1 1212W	16-31-10	6-19		3979	6.7	270	6920