

8A = 30-045-22252
10 = 30-045-23138

5023

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. 23 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced ATLANTIC COM B #8A COM C #10

cps 1319w

Elevation 6297' Completion Date 8/10/87 Total Depth 460' 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. 100' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 420', 395', 385', 375', 360', 350', 340', 330', 315', 305'

Depths vent pipes placed: 450'

Vent pipe perforations: 360'

Remarks: qb #2

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.

CPS # Redrill

Well Name, Line or Plant:

Work Order #

Static:

Ins. Union Check

1319W	ATLANTIC COM. B	*8A	89-588-01	E 23-31-10	☐ Good ☐ Bad
	"	*10	9037301	C 23-31-10	
			C 23-31-10		
Location:	Anode Size:	Anode Type:	Size Bit:		
NW23-31-10	2" X 60"	Durion	G 3/4"		
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Gels Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
460'	450'				
Anode Depth					
# 1 420	# 2 395	# 3 385	# 4 375	# 5 360	# 6 350
# 7 340	# 8 330	# 9 315	# 10 305		
Anode Output (Amps)					
# 1 3.6	# 2 3.6	# 3 3.4	# 4 3.0	# 5 4.6	# 6 4.8
# 7 4.8	# 8 4.3	# 9 3.8	# 10 4.2		
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. 8 C.P. Cable Used		No. 2 C.P. Cable Used
Volts 11.7			Amps 15.4		Ohms .76

Remarks: WATER AT 100'. (Took WATER SAMPLE) INSTALLED 450' of
1" P.V.C. VENT pipe. Perforated 360'.

G.B. \$4300.00 ✓

Rectifier Size: — V — A
Addn'l Depth —
Depth Credit: —50 ✓
Extra Cable: 10' ✓
Ditch & 1 Cable: 85' ✓
Ditch & 2 Cable: —
25' Meter Pole: —
20' Meter Pole: —
10' Stub Pole: —
Junction Box: 1

—200.00 ✓
2.50 ✓
33.15 ✓

40.00 ✓

Set 10' of 8" P.V.C. casing
@ \$22.00/ft.

220.00 ✓

\$4395.65

219.78 ✓

TAX
TOTAL

\$4615.43

All Construction Completed

JE Stahl
(Signature)

*10

85'

G.B. #2

*8A

G.B. #1

6297

CPS 1319 w'

San Juan

Mission Oil

WELL NAME:	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
Atlantic Com B	8A	23	31N	10W

HOLE MADE:

 $\frac{1}{2} G M P$ [illegible]

REMARKS:

Steve Story

Tool Dresser

BURGE CORROSION SYSTEMS, I. C.

P.O. BOX 1359 - PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date 8/10/87
JK

Cps 1319W

Company Meridian Oil

Well No. ATLANTIC COM-B #8A

Location NW 23-31-10

Volts Applied 11.7 V

Amperes 15

5			230	.6		455		680	.76 A
10			235	.7		460	Drilled To	685	
15			240	.6		465		690	
20			245	.5		470		695	
25			250	.6		475		700	Set 110 #8 "A"
30			255	.7		480		705	Surface casing
35			260	.7		485		710	
40			265	.6		490		715	
45			270	.7		495		720	
50			275	.7		500		725	
55			280	.5		505		730	
60		Water	285	.6		510		735	
65			290	.6		515		740	
70			295	1.2		520		745	
75			300	2.1		525		750	
80			305	2.0	(10)	530		755	
85			310	2.0		535		760	1-420-2.5-3.
90			315	2.0	(9)	540		765	2-395-2.3-3.
95			320	1.8		545		770	3-385-2.4-3.
100		Water	325	1.9		550		775	4-375-2.1-3.
105			330	2.2	(8)	555		780	5-360-2.9-4.
110			335	2.2		560		785	6-350-3.2-4.
115			340	2.4	(7)	565		790	7-340-3.4-4.
120			345	2.3		570		795	8-330-2.9-4.
125			350	2.3	(6)	575		800	9-315-2.9-3.
130			355	2.2		580		805	10-305-3.0-4.
135			360	2.1	(5)	585		810	
140			365	1.8		590		815	
145			370	1.7		595		820	
150			375	1.8	(4)	600		825	
155			380	1.8		605		830	
160	.3		385	1.9	(3)	610		835	
165	.1		390	1.8		615		840	
170	.5		395	1.8	(2)	620		845	
175	.6		400	1.7		625		850	
180	.2		405	1.6		630		855	
185	.1		410	1.8		635		860	
190	.3		415	1.9		640		865	
195	.4		420	1.8	(1)	645		870	
200	1.0		425	1.7		650		875	
205	1.0		430	1.6		655		880	
210	.9		435	1.6		660		885	
215	.9		440	1.5		665		890	
220	.9		445	1.1		670		895	
225	.6		450		T.D.	675		900	



CDS 1319 CC

API WATER ANALYSIS REPORT FORM (CDS 1319w)

Company		MERIDIAN OIL COMPANY		Sample No.	2	Date Sampled	8-10-87
Field	Kute	Legal Description		County or Parish	San Juan	State	NM
Lease or Unit		Well	Atlantic B	#	8A	Depth	100'
Type of Water (Produced, Supply, etc.)		Sampling Point		Formation		Water, B/D	
						Sampled By	J.S.

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	2640	111
Calcium, Ca	353	17.6
Magnesium, Mg	63	6.2
Barium, Ba		

OTHER PROPERTIES

pH	7.68
Specific Gravity, 60/60 F.	1.0056
Resistivity (ohm-meters)	5.00
Conductivity	2.4 x 10 ⁴ umho
Total Dissolved Solids (calc.)	5020

ANIONS	mg/l	me/l
Chloride, Cl	170	4.8
Sulfate, SO ₄	1500	131
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	239	4
Hydrosulfide, HS	0	0

Iron, Fe (total)	0
Sulfide, as HS	0
REMARKS & RECOMMENDATIONS:	

