

580

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DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

2199W

Operator Meridian Oil Inc Location: Unit A Sec. 23 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced Atlantic Com A7R

30-045-27608

Elevation 4355 Completion Date 9-18-91 Total Depth _____ Land Type F

Casing Strings, Sizes, Types & Depths Set 700' of 8" P.U.C.

If Casing Strings are cemented, show amounts & types used 23 sacks
of neat cement

If Cement or Bentonite Plugs have been placed, show depths & amounts used
None

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. Water is at 140' and clear

Depths gas encountered: no gas

Ground bed depth with type & amount of coke breeze used: 431' with
23 sacks of Asbury 4518

Depths anodes placed: #1 is at 415' & #12 is at 145'

Depths vent pipes placed: 431' to surface

Vent pipe perforations: Vent pipe is perforated up to 130'

Remarks: _____

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-Free
If Federal or Indian, add Lease Number.

RECEIVED
FEB 24 1992
OIL CON. DIV.
DIST. 3

CPS GROUND BED CONSTRUCTION WORKSHEET

CPS#	P/L NAME(s), NUMBER(s)					
2199-w	Atlantic Com A7R					
NO #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
2268		12.89	22.3	.58	9-1891	R. Smith
REMARKS (notes for construction log)						
H ₂ O at 140', vent pipe						
is perforated up to 130'						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100			295	2.0		490			685			
105			300	2.0		495			690			
110			305	2.0		500			695			
115			310	2.3		505			700			
120			315	2.0		510			ANODE	DEPTH	NO	FULLY
125			320	2.3		515			*	COKE	COKE	D
130	1.0		325	1.9		520			1	415	2.5	6.5
135	1.1		330	1.4		525			2	405	2.6	6.4
140	1.3		335	1.1		530			3	395	2.6	6.2
145	1.5		340	.9		535			4	367	1.8	4.4
150	1.5		345	1.2		540			5	328	1.8	4.6
155	1.5		350	1.1		545			6	318	2.4	5.7
160	1.4		355	.6		550			7	308	2.3	5.6
165	1.2		360	.6		555			8	298	2.2	5.3
170	.8		365	2.1		560			9	288	1.8	4.5
175	.4		370	1.5		565			10	278	1.7	4.2
180	.4		375	.9		570			11	155	1.5	4.9
185	.5		380	.7		575			12	145	1.5	5.0
190	.4		385	.6		580			13			
195	.6		390	.7		585			14			
200	.6		395	1.8		590			15			
205	.6		400	2.4		595			16			
210	.6		405	2.6		600			17			
215	1.1		410	2.6		605			18			
220	.9		415	2.5		610			19			
225	.8		420	2.4		615			20			
230	.8		425	1.3		620			21			
235	.7		430	10431		625			22			
240	.5		435			630			23			
245	.5		440			635			24			
250	.4		445			640			25			
255	.3		450			645			26			
260	1.3		455			650			27			
265	1.4		460			655			28			
270	1.6		465			660			29			
275	1.6		470			665			30			
280	1.4		475			670						
285	1.3		480			675						
290	1.8		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor
 copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25911009-1E

2199W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>9-18-91</u>	
Field		Legal Description <u>A23-31-10</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>ATLANTIC COM ATR</u>		State <u>N.M.</u>	
Type of Water (Produced, Supply, etc.)		Depth		Formation <u>GROUND BED</u>	
Sampling Point <u>WATER TABLE</u>		Water, B/D		Sampled By <u>R. SMITH</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>130</u>	<u>5.8</u>
Calcium, Ca	<u>57</u>	<u>2.8</u>
Magnesium, Mg	<u>6.8</u>	<u>0.6</u>
Barium, Ba		

ANIONS

Chloride, Cl	<u>140</u>	<u>4.0</u>
Sulfate, SO ₄	<u>170</u>	<u>3.6</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>98</u>	<u>1.6</u>

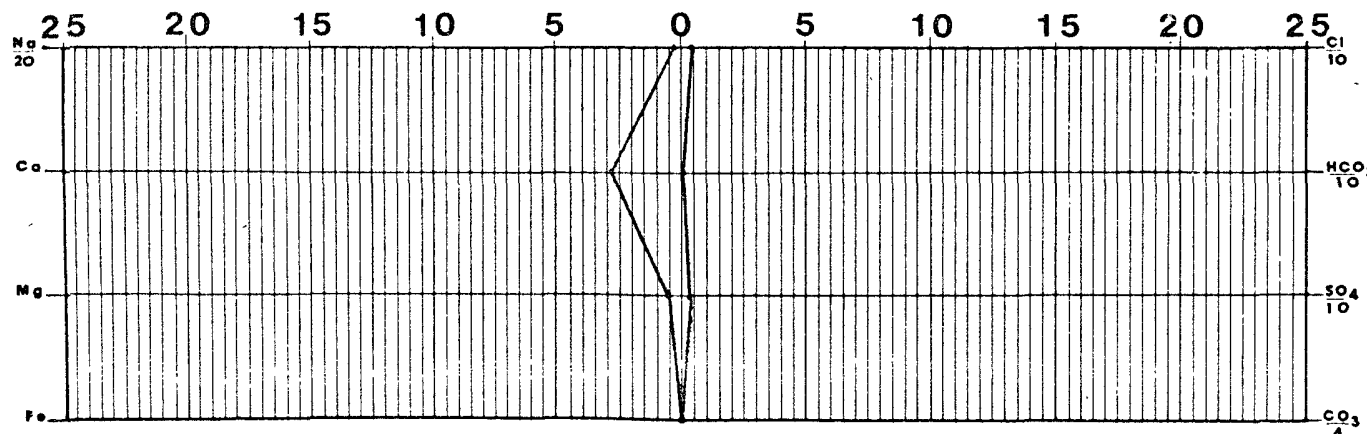
OTHER PROPERTIES

pH	<u>7.6</u>
Specific Gravity, 60/60 F.	<u>1.0012</u>
Resistivity (ohm-meters) <u>60° F.</u>	<u>28.5</u>

Total Dissolved Solids (calc.) 600.

Iron, Fe (total) _____
Sulfide, as H₂S _____

REMARKS & RECOMMENDATIONS:



Date Received <u>10/8/91</u>	Preserved <u>No</u>	Date Analyzed <u>10/8-10/9/91</u>	Analyzed By <u>ES</u>
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