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30-045-26983

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

2249

Operator Meridian Oil Location: Unit I Sec. 7 Twp 32 Rng 8Name of Well/Wells or Pipeline Serviced Trail Canyon #100Elevation 6640 Completion Date 8-5-91 Total Depth 253' Land Type FCasing Strings, Sizes, Types & Depths 100' 8" PVCIf Casing Strings are cemented, show amounts & types used yes - 20 sacksIf Cement or Bentonite Plugs have been placed, show depths & amounts used
NoneDepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 110' - FreshDepths gas encountered: NoneGround bed depth with type & amount of coke breeze used: 253'Asbury Coke From 253'
Depths anodes placed: #1-220, #2-210, #3-200, #4-190, #5-180, #6-170, #7-160, #8-150, #9-140, #10-130, #11-120, #12-110Depths vent pipes placed: From 253' to surfaceVent pipe perforations: From 253' to 75'

Remarks: _____

RECEIVED

FEB 24 1992

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 GROUND BED CONSTRUCTION WORKSHEET

CPS#	P/L NAME(s). NUMBER(s)											
2249	Trail Canyon #100											
WL #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME						
I 847		12.2	20.9	58	8-5-91	David Ashworth						
REMARKS (notes for construction log)												
11.0 - 110'												
Perf - 175'												
DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
ANODE		#	ANODE		#	ANODE		#	ANODE		#	
100	4.0		295			490			685			
105	4.1		300			495			690			
110	3.8	12	305			500			695			
115	3.3		310			505			700			
120	3.4	11	315			510			ANODE	DEPTH	NO	FULLY
125	3.4		320			515			*		COKE	COK'D
130	3.1	10	325			520			1	220	2.1	4.8
135	3.4		330			525			2	210	2.9	5.4
140	3.9	9	335			530			3	200	3.4	6.4
145	3.4		340			535			4	190	3.8	6.5
150	3.0	8	345			540			5	180	3.7	6.1
155	3.1		350			545			6	170	3.1	5.6
160	3.2	7	355			550			7	160	3.1	5.7
165	3.3		360			555			8	150	3.0	5.8
170	3.1	6	365			560			9	140	3.8	6.5
175	3.4		370			565			10	130	3.0	6.2
180	3.6	5	375			570			11	120	3.2	6.2
185	3.7		380			575			12	110	3.6	5.9
190	3.8	4	385			580			13			
195	3.7		390			585			14			
200	3.4	3	395			590			15			
205	3.3		400			595			16			
210	2.9	2	405			600			17			
215	2.2		410			605			18			
220	1.8	1	415			610			19			
225	1.6		420			615			20			
230	1.4		425			620			21			
235	1.0		430			625			22			
240	.9		435			630			23			
245	.8		440			635			24			
250	TD-253		445			640			25			
255			450			645			26			
260			455			650			27			
265			460			655			28			
270			465			660			29			
275			470			665			30			
280			475			670						
			480			675						
290			485			680						

DISTRIBUTION - original - permanent CPS FILE

copy

- Division Corrosion Supervisor

copy

- Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

 Laboratory No 25910608-1I
2249W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>8-5-91</u>	
Field		Legal Description <u>I-7, 32-8</u>		County or Parish <u>SAN JUAN</u>	
				State <u>N.M.</u>	
Lease or Unit		Well <u>TRAIL CANYON #100</u>		Depth	
				Formation <u>WATER TABLE</u>	
Type of Water (Produced, Supply, etc.) <u>C.P. GROUND BED</u>		Sampling Point		Sampled By <u>D. ASHWORTH</u>	

DISSOLVED SOLIDS
CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>3200</u>	<u>140</u>
Calcium, Ca	<u>210</u>	<u>0.1</u>
Magnesium, Mg	<u>516</u>	<u>0.5</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.6</u>
Specific Gravity, 60/60 F.	<u>1.0081</u>
Resistivity (ohm-meters) <u>69</u> F.	<u>1.05</u>

Total Dissolved Solids (calc.)

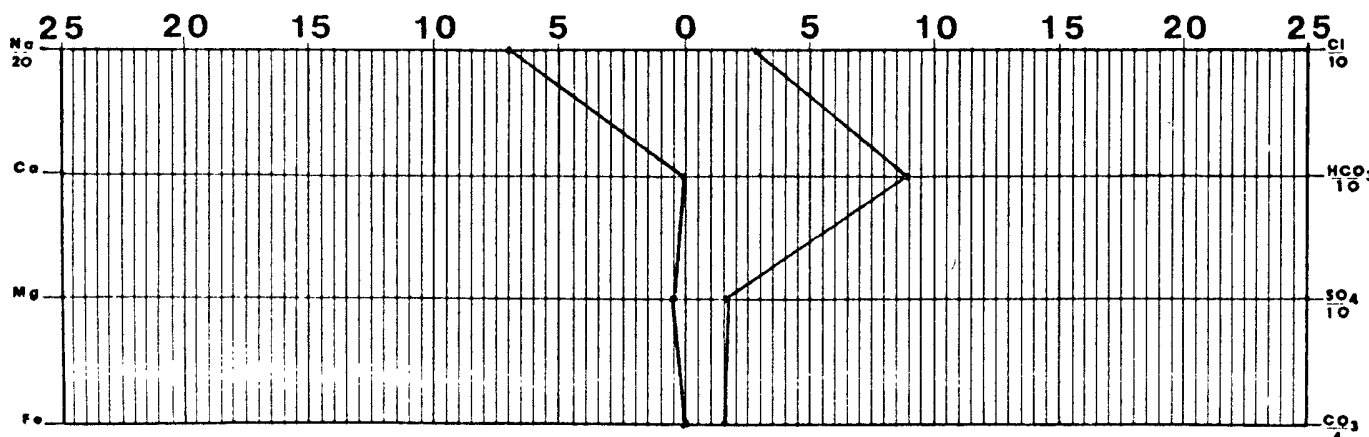
11,000
ANIONS

Chloride, Cl	<u>1000</u>	<u>28</u>
Sulfate, So ₄	<u>770</u>	<u>16</u>
Carbonate, CO ₃	<u>180</u>	<u>6.0</u>
Bicarbonate, HCO ₃	<u>5400</u>	<u>89</u>

Iron, Fe (total)

 Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date <u>8-8-91</u>	Preserved <u>NO</u>	Date Analyze <u>8-12-91</u>	Analyzed By <u>ES</u>
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