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30-045-27607

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DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Inc Location: Unit Sec. 7 Twp 31 Rng 10Name of Well/Wells or Pipeline Serviced Lorcher #310@PS# 2184Elevation 5830 Completion Date 9-19-91 Total Depth 503 Land Type FCasing Strings, Sizes, Types & Depths 100' of 8" P.U.C. casingIf Casing Strings are cemented, show amounts & types used 23 sacks
of neat cementIf Cement or Bentonite Plugs have been placed, show depths & amounts used
Set a 30' cement plug at bottom of casingDepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. Water is at 140' and clear with
possibly some gas.Depths gas encountered: Small amount at or near 140'Ground bed depth with type & amount of coke breeze used: 503' with
20 sacks of Lorresco SW and 58 sacks of Asbury 4518Depths anodes placed: #1 is at 470' & #12 is at 160'Depths vent pipes placed: Bottom of hole to surfaceVent pipe perforations: Vent pipe is perforated up to 150'

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-fee.
If Federal or Indian, add Lease Number.

RECEIVED

FEB 24 1992

OIL CON. DIV.,
DIST. 3

CPS GROUND BED CONSTRUCTION WORKSHEET

CPS# 2184-W	P/L NAME(s), NUMBER(s) <i>Larcker #310</i>					
WO # K419	TOTAL	VOLTS 10 90	AMPS 25.6	- OHMS - 43	DATE 9-19-91	NAME R. Smith
REMARKS (notes for construction log) <i>H2O is at 140'. A little gas at 140' vent pipe perforated to 150'. 2.5' cement plug</i>						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100			295	2.9		490	3.3		685			
105			300	3.3		495	3.3		690			
110			305	3.5		500	70.503		695			
115			310	4.3		505			700			
120			315	4.1		510			ANODE	DEPTH	NO	FULLY
125			320	3.9	4	515			*	COKE	COKE	D
130	2.3		325	3.3		520			1	470	4.2	6.7
135	2.3		330	2.9		525			2	460	3.9	7.0
140	2.5		335	2.9		530			3	450	3.5	6.8
145	3.6		340	2.8		535			4	320	4.3	7.0
150	4.3		345	2.6		540			5	310	4.4	7.2
155	3.6		350	3.1		545			6	260	4.2	7.1
160	3.8		355	3.4		550			7	250	4.0	7.0
165	3.8		360	3.2		555			8	240	3.4	6.3
170	3.8		365	2.9		560			9	230	3.6	6.3
175	3.8		370	2.6		565			10	180	4.2	6.8
180	3.8		375	2.4		570			11	170	4.2	6.7
185	3.4		380	2.6		575			12	160	4.1	6.8
190	3.2		385	2.5		580			13			
195	3.2		390	2.7		585			14			
200	3.3		395	3.1		590			15			
205	3.4		400	2.7		595			16			
210	3.1		405	2.5		600			17			
215	3.1		410	2.4		605			18			
220	3.1		415	2.8		610			19			
225	3.3		420	3.0		615			20			
230	3.4		425	2.8		620			21			
235	3.3		430	2.4		625			22			
240	3.2		435	2.8		630			23			
245	3.3		440	3.1		635			24			
250	3.7		445	3.3		640			25			
255	4.1		450	3.5		645			26			
260	3.9		455	3.8		650			27			
265	3.2		460	3.7		655			28			
270	3.4		465	3.3		660			29			
275	3.2		470	4.1		665			30			
280	3.0		475	3.6		670						
285	2.8		480	2.6		675						
290	2.9		485	2.5		680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor
copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25911008-1F

2184W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>9-19-91</u>	
Field		Legal Description <u>K-7-31-10</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>LARCHER #310</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>3400</u>	<u>150</u>
Calcium, Ca	<u>76</u>	<u>3.8</u>
Magnesium, Mg	<u>4.9</u>	<u>0.4</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.4</u>
Specific Gravity, 60/60 F.	<u>1.0043</u>
Resistivity (ohm-meters) <u>60°</u> F.	<u>1.85</u>

Total Dissolved Solids (calc.)

10,000

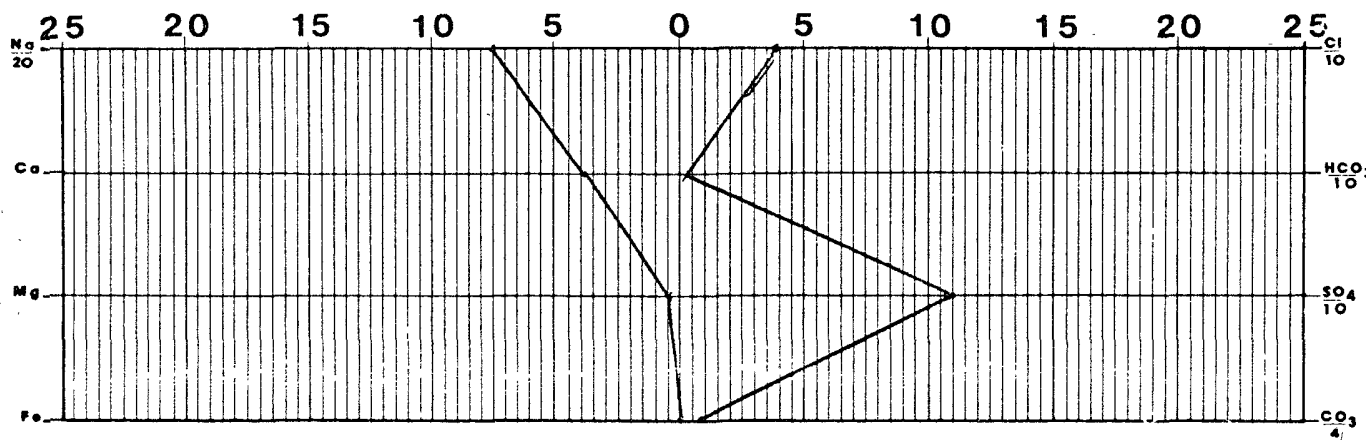
ANIONS

Chloride, Cl	<u>1300</u>	<u>38</u>
Sulfate, SO_4	<u>5500</u>	<u>110</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>210</u>	<u>3.4</u>

Iron, Fe (total)

Sulfide, as H_2S

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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