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30-039-25012

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

2293W

Operator Meredith Oil Location: Unit m Sec. 28 Twp 31 Rng 5Name of Well/Wells or Pipeline Serviced Lasa # 267Elevation 6513 Completion Date 9-19-91 Total Depth 412 Land Type FCasing Strings, Sizes, Types & Depths 60" sch 40 5' PVC

If Casing Strings are cemented, show amounts & types used

12 sacks of cement

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NODepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 240' fresh

RECEIVED

FEB 24 1992

Depths gas encountered: NO

OIL CON. DIV.

Ground bed depth with type & amount of coke breeze used: DIST. 3412' Ashbury, 67 inches

Depths anodes placed:

Depths vent pipes placed: 350'Vent pipe perforations: 1" apart, perforated bottom 280' from 2nd anode.

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.

CPS GROUND BED CONSTRUCTION WORKSHEET

CPS# 2243-15	P/L NAME(s), NUMBER(s) Kasa # 267					
WO # 1697	TOTAL	VOLTS 12.62	AMPS 22.0	OHMS .57	DATE 9-19-91	NAME L.S.F.

REMARKS (notes for construction log)

Water at 240' Set 60' of 3" PVC string
 Repaired bottom 280' from 2nd anode.

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100	4.6		295	3.7	7	490			685			
105	4.7		300	3.1		495			690			
110	4.9		305	3.5	6	500			695			
115	4.2		310	3.7		505			700			
120	2.9		315	3.4	5	510			ANODE	DEPTH	NO	FULLY
125	3.5		320	3.0		515			*		COKE	COKE D
130	3.9		325	3.0	4	520			1	360	3.1	5.1
135	4.6		330	2.5		525			2	350	3.1	6.2
140	4.6		335	3.0		530			3	340	2.9	6.2
145	3.6		340	3.2	3	535			4	325	2.9	5.8
150	3.3		345	3.3		540			5	315	3.1	6.1
155	3.6		350	3.4	2	545			6	305	3.0	6.5
160	3.6		355	3.3		550			7	295	3.1	6.6
165	3.5		360	3.1	1	555			8	285	2.7	5.6
170	3.1		365	2.2		560			9	265	2.6	5.4
175	3.1		370	2.1		565			10	255	2.7	5.8
180	3.4		375	2.0		570			11	245	2.6	5.6
185	3.1		380	1.9		575			12	235	2.9	5.9
190	2.1		385	2.0		580			13			
195	2.2		390	2.2		585			14			
200	3.5		395	2.2		590			15			
205	3.4		400	2.0		595			16			
210	3.0		405	1.9		600			17			
215	3.3		410	T.D.	412	605			18			
220	3.5		415			610			19			
225	4.2		420			615			20			
230	3.6		425			620			21			
235	3.0	-12	430			625			22			
240	2.8		435			630			23			
245	2.9	-11	440			635			24			
250	2.8		445			640			25			
255	2.9	-10	450			645			26			
260	3.0		455			650			27			
265	2.8	-9	460			655			28			
270	2.4		465			660			29			
275	2.4		470			665			30			
280	2.7		475			670						
285	3.0	-8	480			675						
290	2.9		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy

- Division Corrosion Supervisor

copy

- Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910930-1B

2293W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>9-19-91</u>	
Field		Legal Description <u>M-28-31-5</u>		County or Parish <u>RIO ARriba</u>	
Lease or Unit		Well <u>ROSA 267</u>		State <u>N.M.</u>	
Type of Water (Produced, Supply, etc.)		Depth		Formation <u>G.I.B.</u>	
Sampling Point <u>WATER TABLE</u>		Water, B/D		Sampled By <u>L.S.E.</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>3000</u>	<u>130</u>
Calcium, Ca	<u>12</u>	<u>0.6</u>
Magnesium, Mg	<u>7.3</u>	<u>0.6</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.9</u>
Specific Gravity, 60/60 F.	<u>1.0056</u>
Resistivity (ohm-meters) <u>70</u> F.	<u>0.86</u>

Total Dissolved Solids (calc.)

8300

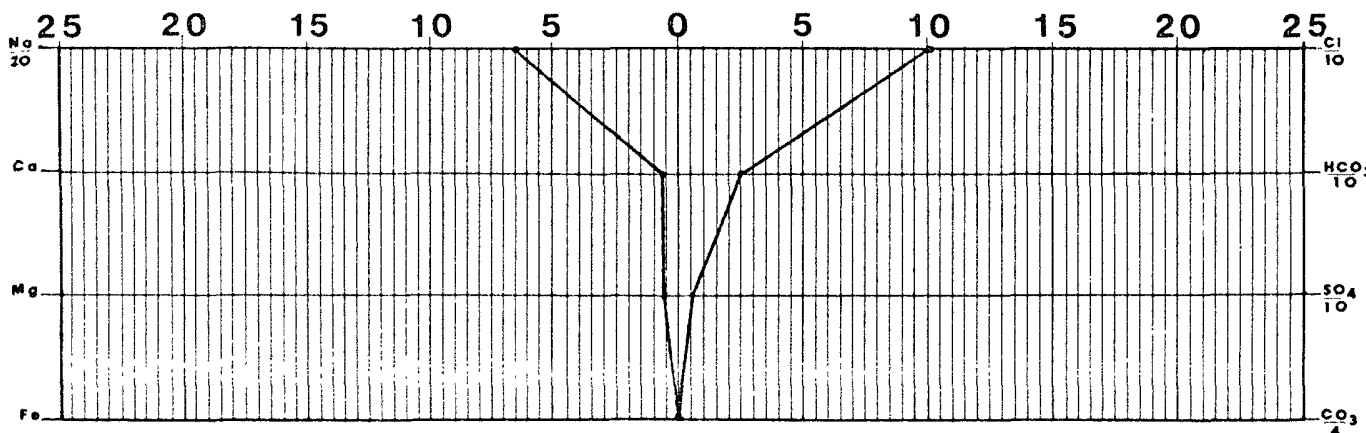
ANIONS

Chloride, Cl	<u>3500</u>	<u>100</u>
Sulfate, SO_4	<u>280</u>	<u>5.9</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>1500</u>	<u>25</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>9/30/91</u>	Preserved <u>N/O</u>	Date Analyzed <u>9/30-10/1/91</u>	Analyzed By <u>[Signature]</u>
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