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30-039-24832

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2248W

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator MERIDIAN OIL INC. Location: Unit K Sec 33 Twp 30 Rng 6Name of Well/Wells or Pipeline Serviced S.J. 30-6-495Elevation 6356 Completion Date 8-10-91 Total Depth 445' Land Type FFFCasing Strings, Sizes, Types & Depths 100" 8" PVC SURFACE CASINGIf Casing Strings are cemented, show amounts & types used 20 SACKSNEAT 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. 150'; FreshDepths gas encountered: NoGround bed depth with type & amount of coke breeze used: 444' w/ 132McK Asbury 4518 Flo COKEDepths anodes placed: 403'; 393'; 320'; 277'; 267'; 257'; 247'; 237'; 225'; 193'; 173'Depths vent pipes placed: 444'Vent pipe perforations: BOTTOM 300'

Remarks: _____

RECEIVED

FEB 24 1992

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 GROUND BED CONSTRUCTION WORKSHEET

WELL #	P/L NAME (S), NUMBER (S)					
2248	S.J. 30-6-495					
WO #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
MOK		11.9	21.1	.56	8-10-91	W. R. McGAHA

REMARKS (notes for construction log)

100' of 8" PVC surface casing cemented w/ 20 sacks cement; H₂O @ 150';
Hole depth 445', Perforated bottom 300' of 1" PVC vent pipe.

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100	.2		295	1.4		490			685			
105	.1		300	1.4		495			690			
110	2.9		305	1.3		500			695			
115	4.0		310	1.5		505			700			
120	3.8		315	2.1		510			ANODE	DEPTH	NO	FULLY
125	3.4		320	2.5		515			*		COKE	COKE'D
130	3.5		325	1.9		520			1	403'	2.9	4.6
135	3.4		330	1.8		525			2	393'	3.1	4.7
140	2.9		335	1.6		530			3	320'	2.5	3.6
145	2.2		340	1.3		535			4	277'	3.0	5.6
150	1.9		345	1.4		540			5	267'	3.2	6.3
5	2.0		350	1.5		545			6	257'	2.9	6.0
100	2.5		355	1.6		550			7	247'	3.3	6.2
165	2.4		360	1.8		555			8	237'	3.0	5.6
170	2.7		365	1.7		560			9	225'	2.0	5.2
175	2.7		370	1.7		565			10	183'	2.5	4.3
180	2.6		375	1.7		570			11	173'	2.7	4.2
185	2.0		380	1.6		575			12	163'	2.5	4.3
190	1.8		385	1.8		580			13			
195	1.4		390	2.0		585			14			
200	1.3		395	2.7		590			15			
205	1.3		400	3.2		595			16			
210	1.3		405	2.6		600			17			
215	1.4		410	2.0		605			18			
220	1.5		415	1.7		610			19			
225	1.6		420	1.1		615			20			
230	2.7		425	.9		620			21			
235	3.1		430	.8		625			22			
240	3.4		435	.9		630			23			
245	3.4		440			635			24			
250	3.4		445			640			25			
255	2.8		450			645			26			
260	2.9		455			650			27			
265	3.3		460			655			28			
270	3.6		465			660			29			
275	3.0		470			665			30			
1	2.1		475			670						
205	1.7		480			675						
290	1.6		485			680						

DISTRIBUTION - original - permanent CPS FILE
 copy - Division Corrosion Supervisor
 copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910816-1E

2248W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>8/10/91</u>	
Field		Legal Description <u>SW33-30-6</u>		County or Parish <u>RIO ARriba</u>	
Lease or Unit		Well <u>30-6-495</u>		State <u>N.M.</u>	
Type of Water (Produced, Supply, etc.)		Depth		Formation <u>F.C.</u>	
Sampling Point <u>GROUND BED - (150')</u>		Water, B/D		Sampled By <u>W.R. McGAHA</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>5300</u>	<u>230</u>
Calcium, Ca	<u>810</u>	<u>0.4</u>
Magnesium, Mg	<u>22</u>	<u>1.8</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.7</u>
Specific Gravity, 60/60 F.	<u>1.0135</u>
Resistivity (ohm-meters) <u>74' F.</u>	<u>0.56</u>

Total Dissolved Solids (calc.)

17,000

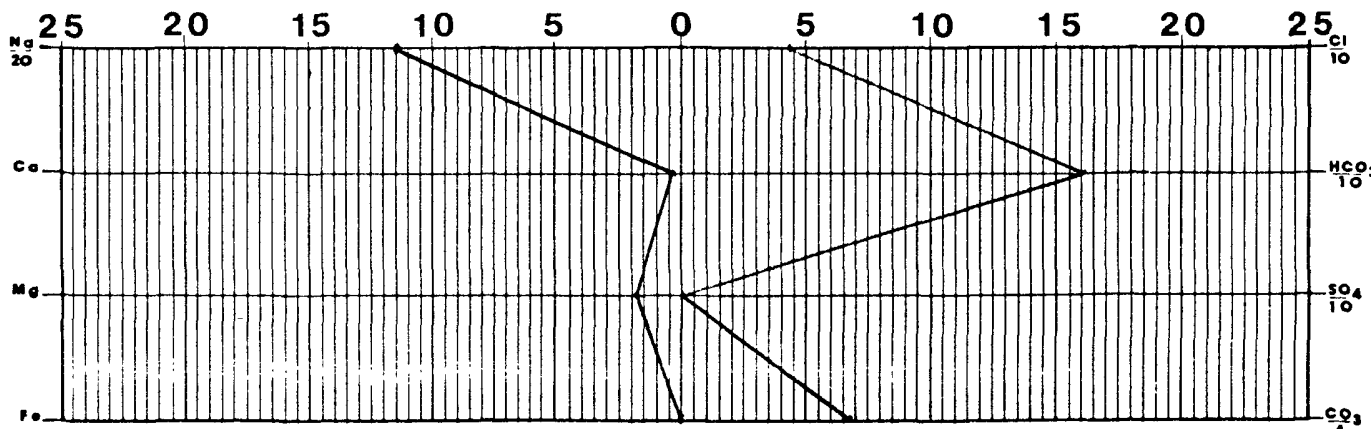
ANIONS

Chloride, Cl	<u>1500</u>	<u>43</u>
Sulfate, SO_4	<u>47</u>	<u>1.0</u>
Carbonate, CO_3	<u>810</u>	<u>27</u>
Bicarbonate, HCO_3	<u>9600</u>	<u>160</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>08/16/91</u>	Preserved <u>1/0</u>	Date Analyzed <u>08/16/91</u>	Analyzed By <u>CS</u>
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