

#1 30-039-07847

E

#100 30-039-24507

801100

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Location: Unit H Sec. 16 Twp 30 Rng 7
Name of Well/Wells or Pipeline Served FRANCES CREEK #100 & STATECom #1Elevation 6262 Completion Date 8-6-91 Total Depth 463 Land Type FCasing Strings, Sizes, Types & Depths 8" PVC SURFACE CASING,100' DEEPIf Casing Strings are cemented, show amounts & types used Yes; 20BAGS NEAT 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. FRESH 200' & 240'Depths gas encountered: NOGround bed depth with type & amount of coke breeze used: 463' with 13650 lb BAGS Asbury A518 Flo COKEDepths anodes placed: 449, 440, 431, 422, 413, 403, 385, 376, 366, 280, 263;Depths vent pipes placed: 463Vent pipe perforations: bottom 300'

RECEIVED

FEB 24 1992

Remarks:

OIL CON. DIV
DIST. 2

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# 011-w	P/L NAME (S), NUMBER (S) E. JAMES GREEN 100 STATE COR. #1					
WG # 5221	TOTAL	VOLTS 11.18	AMPS 16.8	OHMS 0.46	DATE 8-6-91	NAME MRW
REMARKS (notes for construction log)						
100' 8" SURFACE CASING, 20 BAGS						
420 240' x 200' 136 bags COKE ASIS 468.1" PVC PERF BOTTOM						
300'						

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	.8		490			685			
105			300	.8		495			690			
110			305	.5		500			695			
115			310	.5		505			700			
120			315	.5		510			ANODE	DEPTH	NO	FULLY
125			320	.6		515			*		COKE	COKE D
130			325	.7		520	449		1	448	2.4	4.9
135			330	.6		525	440		2	440	2.2	4.9
140			335	.7		530	431		3	432	1.8	4.7
145			340	.7		535	422		4	423	2.1	4.9
150			345	.7		540	413		5	414	1.8	4.7
155			350	.8		545	403		6	406	1.7	4.1
			355	.7		550	385		7		2.2	4.2
165			360	.7		555	376		8		1.3	3.7
170			365	1.2		560	366		9		1.5	3.4
175			370	1.6		565	280		10		1.3	3.6
180			375	1.2		570	263		11		1.8	4.7
185			380	1.7		575	253		12	210	2.2	4.8
190			385	1.9		580			13			
195	.4		390	.5		585			14			
200			395	.6		590			15			
205	1.6		400	1.4		595			16			
210	2.2		405	1.7		600			17			
215	2.1		410	1.8		605			18			
220	1.6		415	1.6		610			19			
225	.9		420	1.8		615			20			
230	.8		425	2.1		620			21			
235	.6		430	1.8		625			22			
240	.6		435	1.7		630			23			
245	.7		440	2.1		635			24			
250	1.7		445	2.1		640			25			
255	1.8		450	2.4		645			26			
260	1.6		455	2.1		650			27			
265	1.2		460	2.3		655			28			
270	.9		465	TD	463	660			29			
275	.7		470			665			30			
280	1.2		475			670						
285	.9		480			675						
290	.6		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910816-1J

Company <u>MEXIDIAN OIL</u>		Sample No. <u>8014W</u>		Date Sampled <u>8-6-91</u>	
Field		Legal Description <u>H16-30-7</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>FRANCES CREEK 100</u>		State <u>N.M.</u>	
Type of Water (Produced, Supply, etc.)		Depth		Formation <u>F/C</u>	
Sampling Point <u>GROUND BED 240</u>		Water, B/D		Sampled By <u>MRW</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>600</u>	<u>26</u>
Calcium, Ca	<u>350</u>	<u>17</u>
Magnesium, Mg	<u>82</u>	<u>4.7</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.3</u>
Specific Gravity, 60/60 F.	<u>1.0042</u>
Resistivity (ohm-meters) <u>74° F.</u>	<u>4.90</u>

Total Dissolved Solids (calc.)

3700

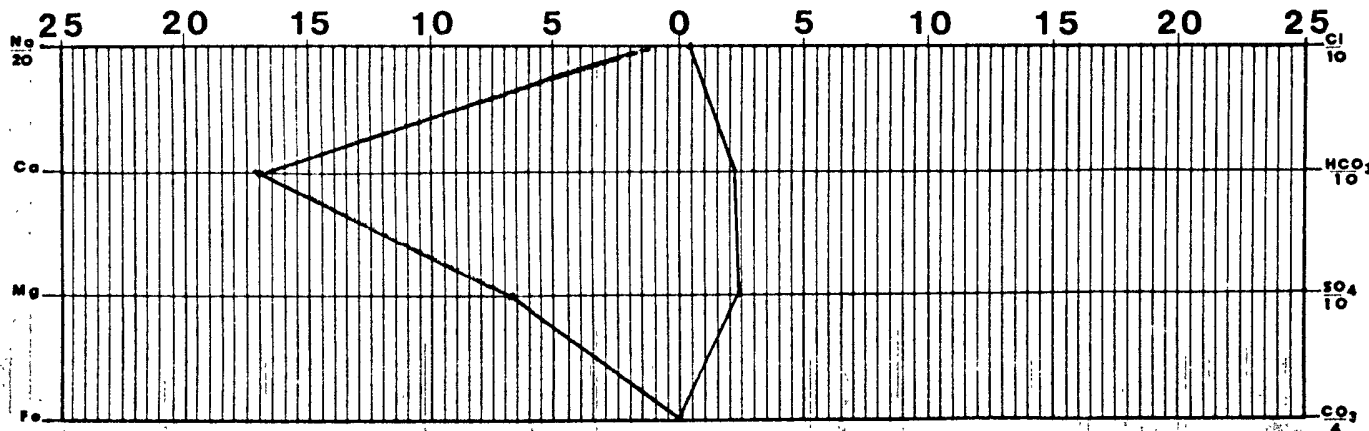
ANIONS

Chloride, Cl	<u>140</u>	<u>4.0</u>
Sulfate, SO_4	<u>1200</u>	<u>24</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>1300</u>	<u>22</u>

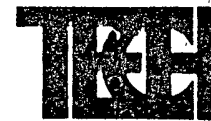
Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>8/16/91</u>	Preserved <u>no</u>	Date Analyzed <u>8/16/91</u>	Analyzed By <u>ES</u>
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