

#1 30-039-07847

E

715

#100 30-039-24507

801400

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

Operator Meridian Oil Location: Unit A Sec. 16 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced FRANCES CREEK #100 & STATE
Com #1

Elevation 6262 Completion Date 8-6-91 Total Depth 463 Land Type F

Casing Strings, Sizes, Types & Depths 8" PVC SURFACE CASING,
100' DEEP

If Casing Strings are cemented, show amounts & types used Yes; 20
BAGS NEAT CEMENT

If Cement or Bentonite Plugs have been placed, show depths & amounts used
NO

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. FRESH 200' + 240'

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 463' with 136
50lb BAGS Asbury 4518 F10 COKE

Depths anodes placed: 449, 440, 431, 422, 413, 403, 385, 376, 366, 280, 263;

Depths vent pipes placed: 463

Vent pipe perforations: bottom 300'

Remarks: _____

RECEIVED

FEB 24 1992

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#	P/L NAME (S), NUMBER (S)					
011-u	EVADES CREEK 100 STATE COM #1					
WG #	TOTAL	VOLTS	AMPS	OHMS	DATE	NAME
5221		11.18	16.8	0.26	8-6-91	MREW
REMARKS (notes for construction log)						
100' 8" SURFACE CASING, 20 BAGS						
+20 240' ± 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	COK'D
130			325	.7		520		449	1	449	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	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	1.9		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						
	.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>	State <u>N.M.</u>	
Lease or Unit	Well <u>FRANCES CREEK 100</u>	Depth	Formation <u>F/C</u>	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED 240</u>	Sampled By <u>MIRW</u>	



TECH, Inc.
 333 East Main
 Farmington
 New Mexico
 87401
 505/327-3311

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>6.7</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>
_____	_____
_____	_____

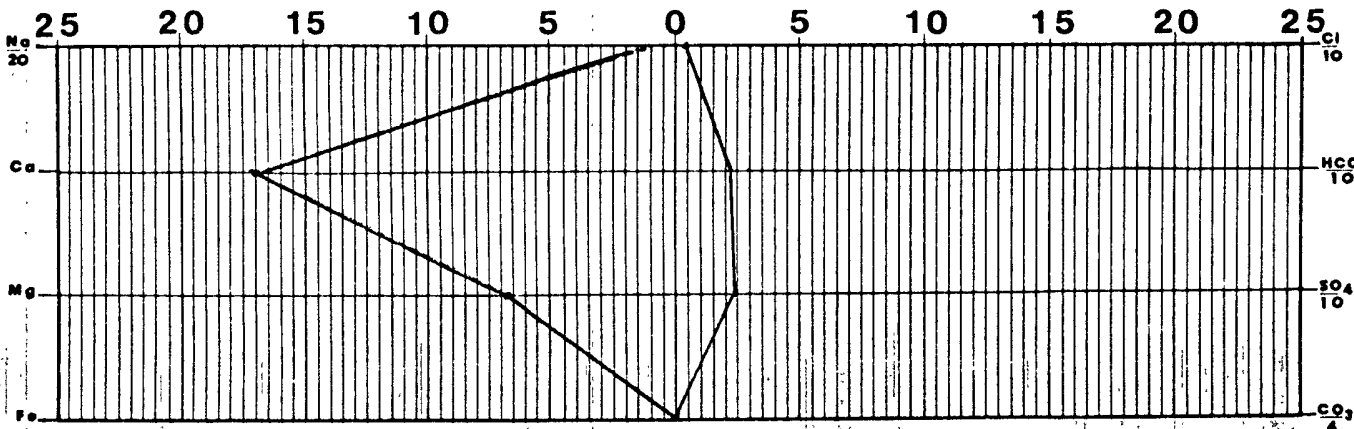
Total Dissolved Solids (calc.)

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 H₂S

REMARKS & RECOMMENDATIONS:


Date Received <u>8/16/91</u>	Preserved <u>no</u>	Date Analyzed <u>8/11/91</u>	Analyzed By <u>ES</u>
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