

640

500-30-045-28527

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

22640

Operator Meridian Location: Unit NE Sec. 26 Twp 27 Rng 10

Name of Well/Wells or Pipeline Serviced Frost #500

Elevation _____ Completion Date 12/4/91 Total Depth 400' Land Type F

Casing Strings, Sizes, Types & Depths 100' OF 8" PVC

If Casing Strings are cemented, show amounts & types used 24 SACKS

If Cement or Bentonite Plugs have been placed, show depths & amounts used
NONE

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. FRESH WATER WAS ENCOUNTERED AT 105'

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: Drilled To
400', AND USED 29 SACKS OF Lotesco, AND 56 SACKS OF Asbury

Depths anodes placed: 390', 360', 350', 340', 330', 315', 250', 240', 230', 195', 185', + 175'

Depths vent pipes placed: SURFACE TO 400'

Vent pipe perforations: BOTTOM 280'

Remarks: _____

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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

CPS#	P/L NAME(s), NUMBER(s)					
2264W	Frost #500					
NO #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
I 798		12.0	26.0	46	12/4/91	JOHN L. MOSS
REMARKS (notes for construction log)						
Drilled To 400' . Vent Pipe						
Was Installed With The Bottom 280' Perforated. Hit Water						
AT 105'						

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	1.6		490			685			
105			300	1.5		495			690			
110	1.9		305	2.0		500			695			
115	1.5		310	2.7		505			700			
120	1.1		315	3.7	6	510			ANODE	DEPTH	NO	FULLY
125	1.0		320	2.9		515			*		COKE	COK'D
130	.8		325	3.1		520			1	390	2.2	4.2
135	.8		330	4.3	5	525			2	360	4.5	7.0
140	1.0		335	4.1		530			3	350	4.1	7.2
145	1.0		340	4.0	4	535			4	340	3.9	7.1
150	.8		345	4.3		540			5	330	4.1	6.9
155	.9		350	4.3	3	545			6	315	3.6	6.1
160	1.2		355	4.3		550			7	250	3.7	6.9
165	1.8		360	4.0	2	555			8	240	3.7	6.2
170	3.7		365	2.7		560			9	230	3.5	5.9
175	3.8	12	370	1.4		565			10	195	2.7	5.8
180	3.1		375	1.5		570			11	185	3.1	6.3
185	3.0	11	380	1.5		575			12	175	4.0	6.7
190	2.8		385	1.7		580			13			
195	2.7	10	390	2.2	1	585			14			
200	2.4		395	2.7		590			15			
205	2.0		400			595			16			
210	1.1		405			600			17			
215	.9		410			605			18			
220	1.1		415			610			19			
225	1.9		420			615			20			
230	3.6	9	425			620			21			
235	3.7		430			625			22			
240	3.7	8	435			630			23			
245	3.6		440			635			24			
250	3.6	7	445			640			25			
255	3.1		450			645			26			
260	2.7		455			650			27			
265	2.4		460			655			28			
270	2.2		465			660			29			
275	1.7		470			665			30			
280	2.2		475			670						
285	2.2		480			675						
290	1.9		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-920103-20

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>12-4-91</u>	
Field <u>2264W</u>		Legal Description <u>NE-26-27-10</u>		County or Parish <u>San Juan</u>	
Lease or Unit		Well <u>Frost #500</u>		Depth <u>105'</u>	
		Formation <u>Water Table</u>		Water, B/D	
Type of Water (Produced, Supply, etc.) <u>Produced</u>		Sampling Point <u>Deepwell Groundbed</u>		Sampled By <u>J.L. Moss</u>	



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

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>2,100</u>	<u>93</u>
Calcium, Ca	<u>110</u>	<u>5.5</u>
Magnesium, Mg	<u>9.1</u>	<u>0.75</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.16</u>
Specific Gravity, 60/60 F.	<u>1.0054</u>
Resistivity (ohm-meters) <u>63</u> F.	<u>1.2</u>

Total Dissolved Solids (calc.)

6,000

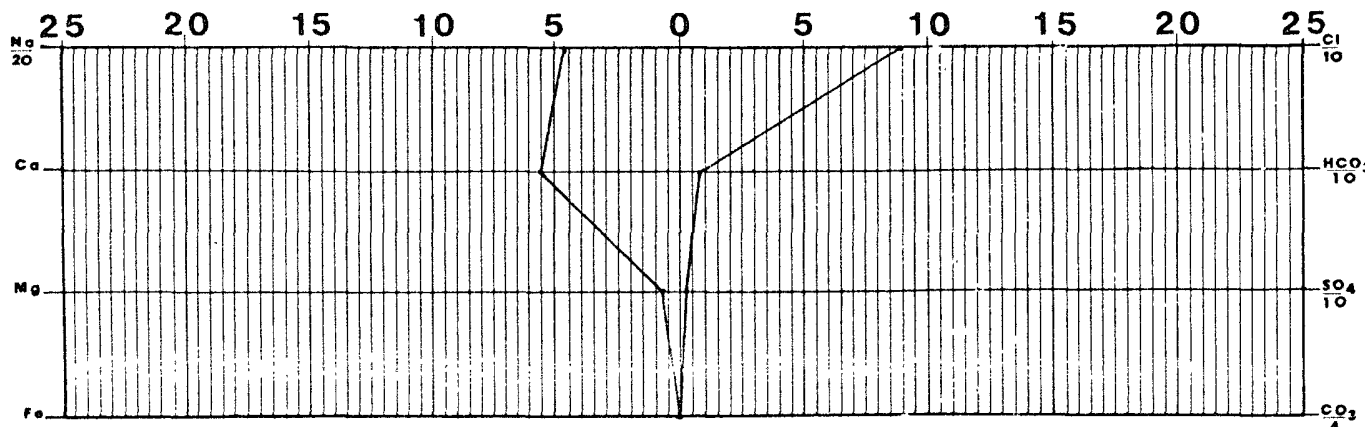
ANIONS

Chloride, Cl	<u>3,160</u>	<u>89</u>
Sulfate, SO_4	<u>130</u>	<u>2.7</u>
Carbonate, CO_3	<u>-</u>	<u>-</u>
Bicarbonate, HCO_3	<u>467</u>	<u>7.65</u>

Iron, Fe (total)
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:

ATTN: C.W. DONOHUE



Date Received <u>3rd Jan, 1992.</u>	Preserved	Date Analyzed <u>16th Jan, 1992.</u>	Analyzed By <u>R.H.</u>
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DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

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Salty, Sulphur, Etc. FRESH WATER WAS ENCOUNTERED AT 105'

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: DRILLED TO
400', AND USED 29 SACKS OF LOTESCO, AND 56 SACKS OF ASBURY

Depths anodes placed: 390', 360', 350', 340', 330', 315', 250', 240', 230', 195', 185', & 175'

Depths vent pipes placed: SURFACE TO 400'

Vent pipe perforations: BOTTOM 280'

Remarks: _____

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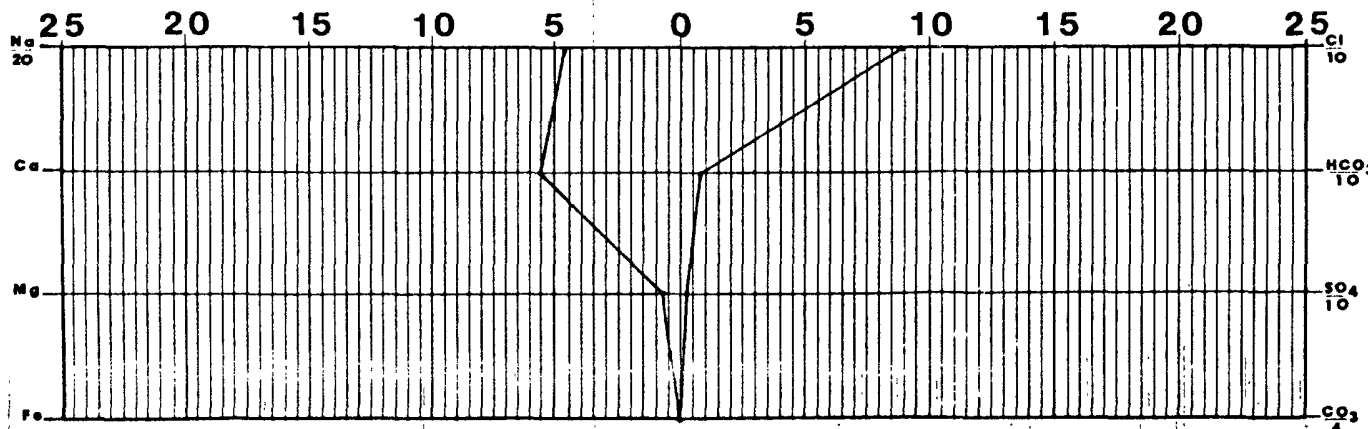
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