

643

30-045-27304

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

2267W

Operator Meridian Location: Unit M Sec. 21 Twp 32 Rng 12Name of Well/Wells or Pipeline Serviced Culpepper Martin #102Elevation _____ Completion Date 10/14/91 Total Depth 380' Land Type FCasing Strings, Sizes, Types & Depths 90' of 8" PVC, WITH 24 SACKS OF CEMENTIf Casing Strings are cemented, show amounts & types used 90' of 8" PVC WITH 24 SACKS OF CEMENTIf Cement or Bentonite Plugs have been placed, show depths & amounts used
NONEDepths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. HIT WATER AT 160', WAS FRESHDepths gas encountered: NONEGround bed depth with type & amount of coke breeze used: Drilled TO 380', AND USED 22 SACKS LORESCO AND 66 SACKS OF ASBURYDepths anodes placed: 370', 355', 330', 305', 280', 270', 260', 245', 215', 200', 185', +175'Depths vent pipes placed: SURFACE TO 380'Vent pipe perforations: BOTTOM 250'

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

CPS# 2267W	P/L NAME(s), NUMBER(s) Culpepper MARTIN #102					
WO # I 409	TOTAL	VOLTS 11.6	AMPS 25.8	OHMS .45	DATE 10/14/91	NAME John L. Moss
REMARKS (notes for construction log) WATER AT 160'. Bottom 250' OF VENT PIPE IS PERFORATED. Hole Depth 380'						

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	3.3		490			685			
105			300	3.3		495			690			
110			305	3.8	4	500			695			
115			310	3.4		505			700			
120			315	3.4		510			ANODE	DEPTH	NO	FULLY
125			320	3.4		515			*	COKE	COKE	COKE
130			325	3.5		520			1	370	3.6	6.1
135			330	4.1	3	525			2	355	4.1	6.0
140	3.4		335	2.9		530			3	330	4.2	6.2
145	4.1		340	2.6		535			4	305	3.9	6.3
150	3.6		345	3.0		540			5	280	4.4	6.7
155	3.7		350	3.7		545			6	270	5.1	7.5
160	4.2		355	3.9	2	550			7	260	4.6	7.4
165	4.2		360	3.1		555			8	245	4.0	6.7
170	4.3		365	3.3		560			9	215	4.5	6.7
175	4.4	12	370	3.6	1	565			10	200	4.5	6.3
180	4.8		375	3.5		570			11	185	4.8	6.5
185	4.4	11	380	3.4		575			12	175	4.6	6.5
190	3.7		385			580			13			
195	3.9		390			585			14			
200	4.1	10	395			590			15			
205	4.0		400			595			16			
210	3.7		405			600			17			
215	4.2	9	410			605			18			
220	4.1		415			610			19			
225	3.9		420			615			20			
230	3.1		425			620			21			
235	3.1		430			625			22			
240	3.8		435			630			23			
245	3.7	8	440			635			24			
250	3.9		445			640			25			
255	3.6		450			645			26			
260	4.5	7	455			650			27			
265	4.9		460			655			28			
270	4.5	6	465			660			29			
275	3.7		470			665			30			
280	4.1	5	475			670						
285	3.2		480			675						
290	3.1		485			680						

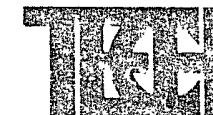
DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor
 copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-91103-1H

Company <u>MERIDIAN</u>		Sample No.		Date Sampled <u>10-14-91</u>	
Field <u>2267W</u>		Legal Description <u>M-21-32-12</u>		County or Parish <u>San Juan</u>	
Lease or Unit <u>Culpepper No. 10</u>		Well <u># 102</u>		Depth <u>160'</u>	
Type of Water (Produced, Supply, etc.) <u>Produced</u>		Sampling Point		Formation <u>Water Table</u>	
				Water, B/D	
				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>3,190</u>	<u>139</u>
Calcium, Ca	<u>4.4</u>	<u>0.22</u>
Magnesium, Mg	<u>2.9</u>	<u>0.24</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.26</u>
Specific Gravity, 60/60 F.	<u>1.0102</u>
Resistivity (ohm-meters) <u>68</u> F.	<u>1.35</u>

Total Dissolved Solids (calc.)

10,800

ANIONS

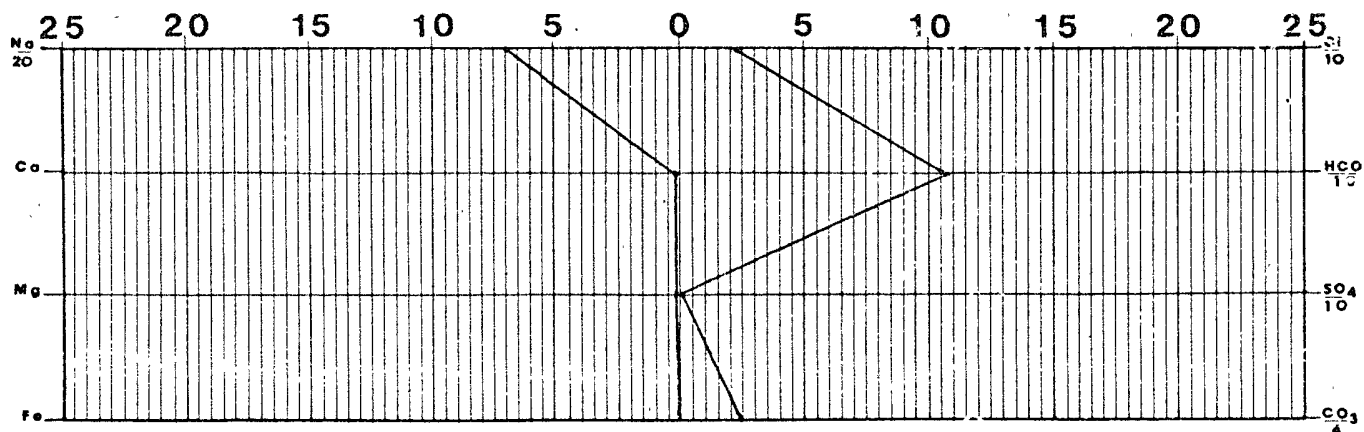
Chloride, Cl	<u>801</u>	<u>22.6</u>
Sulfate, SO ₄	<u>-</u>	<u>-</u>
Carbonate, CO ₃	<u>290</u>	<u>9.67</u>
Bicarbonate, HCO ₃	<u>6,550</u>	<u>107</u>

Iron, Fe (total)

Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:

ATTN: C. W. DONOHUE



Date Received <u>8th Nov, 1991</u>	Preserved	Date Analyzed <u>26th Dec, 1991</u>	Analyzed By <u>R. H</u>
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