

534

54-30-039-07602

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554-30-039-24810

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator MENDIAN Location: Unit M Sec. 14 Twp 29 Rng 7Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 #54 & #554CPS# 289Elevation _____ Completion Date 9-15-91 Total Depth 351 Land Type FCasing Strings, Sizes, Types & Depths 100' of 8" PVC SURFACECASINGIf Casing Strings are cemented, show amounts & types used Yes, with25 SACKS NEAT CEMENT

If Cement or Bentonite Plugs have been placed, show depths & amounts used

Yes 10 BAGS NEAT CEMENT @ 115' TO 95'Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 170' FRESHDepths gas encountered: NOGround bed depth with type & amount of coke breeze used: 351' DEEPwith 4600 lb A Loresco Type SWDepths anodes placed: 334, 326, 318, 290, 282, 274, 266, 258, 250, 242, 193, 184Depths vent pipes placed: 351'Vent pipe perforations: bottom 200'

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

JOB# 289-W		P/L NAME(s), NUMBER(s) S.J. 29-7 # 54 + #554										
WO # L908	TOTAL	VOLTS 12.04	AMPS 13.9	OHMS 0.87	DATE 9-15-91	NAME MRW						
REMARKS (notes for construction log) 100' 8" PVC CASING 25 SACKS CEMENT												
Drilled 350, LOGGED 351 H ₂ O 170 CAUGHT SAMPLE												
31 Loresco 30 Asbury												
DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	.8		490			685			
105			300	.7		495			690			
110			305	.7		500			695			
115			310	.7		505			700			
120			315	.9		510			ANODE DEPTH	NO.	FULLY	
125			320	1.3		515			#	COKE	COKE D	
130			325	1.8		520			1	334	1.0	3.5
135			330	1.3		525			2	326	1.7	4.1
140			335	.9		530			3	318	1.1	3.7
145			340	1.0		535			4	290	1.1	3.6
150			345	.9		540			5	282	1.8	4.4
55			350	TO	351	545			6	274	1.5	4.1
160			355			550			7	266	1.7	4.8
165			360			555			8	258	1.8	4.8
170	.7		365			560			9	250	1.7	4.5
175	.8		370			565			10	242	1.2	3.8
180	1.0		375			570			11	199	1.4	4.0
185	1.4		380			575			12	184	1.2	4.0
190	1.6		385			580			13			
195	1.1		390			585			14			
200	.9		395			590			15			
205	.9		400			595			16			
210	.9		405			600			17			
215	.8		410			605			18			
220	.7		415			610			19			
225	.8		420			615			20			
230	.6		425			620			21			
235	.6		430			625			22			
240	.6		435			630			23			
245	1.3		440			635			24			
250	1.7		445			640			25			
255	1.8		450			645			26			
260	1.8		455			650			27			
265	1.7		460			655			28			
270	1.7		465			660			29			
275	1.3		470			665			30			
280	1.9		475			670						
285	1.1		480			675						
290	.9		485			680						

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

API WATER ANALYSIS REPORT FORM

12890

Laboratory No. 25910916-2B

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>9-15-91</u>	
Field		Legal Description <u>M 14-29-7</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>5J29-7 #554</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BEO 170'</u>		Sampled By <u>MRW</u>	
		Formation <u>EC</u>		Water, B/D	
				State <u>N.M.</u>	



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

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>150</u>	<u>6.7</u>
Calcium, Ca	<u>410</u>	<u>20</u>
Magnesium, Mg	<u>60</u>	<u>5.0</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.4</u>
Specific Gravity, 60/60 F.	<u>1.0030</u>
Resistivity (ohm-meters) <u>60°</u> F.	<u>5.40</u>

Total Dissolved Solids (calc.)

2200.

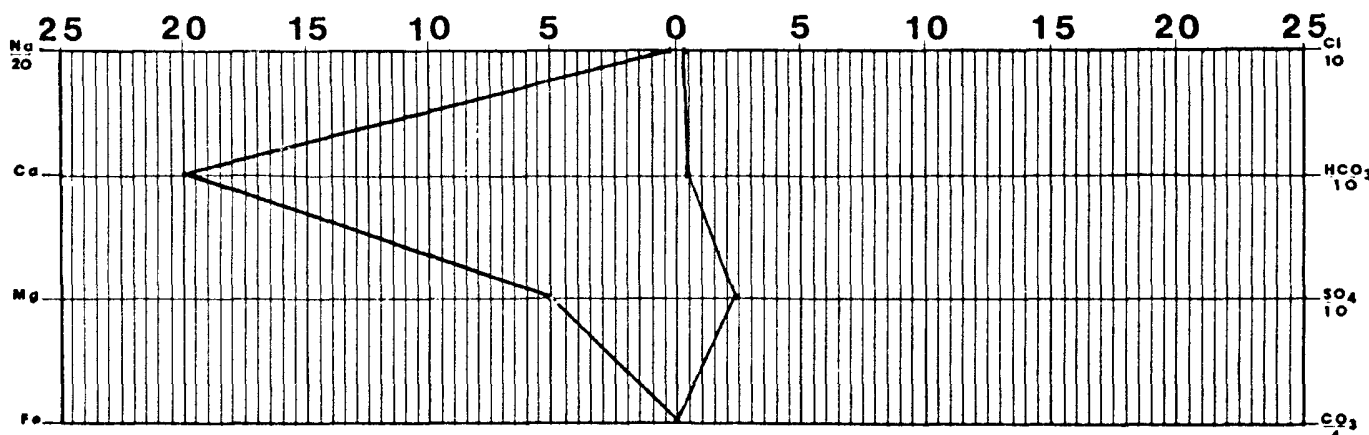
ANIONS

Chloride, Cl	<u>140</u>	<u>4.0</u>
Sulfate, SO ₄	<u>1100</u>	<u>23</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>290</u>	<u>4.7</u>

Iron, Fe (total)

Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received <u>9/16/91</u>	Preserved <u>N/O</u>	Date Analyzed <u>9/16-17/91</u>	Analyzed By <u>ES</u>
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