

712

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO#8 30-045-10778
#337 30-045-27558
62440Operator Mecidian Oil Location: Unit B Sec. 18 Twp 31 Rng 8Name of Well/Wells or Pipeline Serviced Quinn #8 & #337Elevation 6425 Completion Date 7-31-91 Total Depth 435 Land Type FCasing Strings, Sizes, Types & Depths 80' 8" PVCIf Casing Strings are cemented, show amounts & types used Yes - 19 Sacks

If 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. 80' FreshDepths gas encountered: NoneGround bed depth with type & amount of coke breeze used: 435'AsburyDepths anodes placed: #1-400', #2-390', #3-385', #4-370', #5-360', #6-295', #7-285', #8-250', #9-240', #10-230', #11-205', #12-195'Depths vent pipes placed: Surface to 4.35'Vent pipe perforations: From 1.35' to 4.35'Remarks: No gas encountered in drilling of hole

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)											
6244-N	Quinn #8 and Quinn #537											
NO #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME						
1935		12.7	24.5	.59	7-31-91	David Ashworth						
REMARKS (notes for construction log)												
H ₂ O at 80' Drilled hole to 435'												
DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100			295	2.1	6	490			685			
105			300	1.6		495			690			
110			305	1.0		500			695			
115			310	.9		505			700			
120			315	.8		510			ANODE	DEPTH	NO	FULLY
125			320	.8		515			*		COKE	COKE D
130			325	1.0		520			1	400	2.0	4.1
135			330	1.1		525			2	390	3.3	5.6
140			335	.8		530			3	380	3.0	5.3
145			340	.7		535			4	370	2.6	4.9
150	2		345	.6		540			5	360	2.0	4.2
155	.2		350	.7		545			6	295	2.4	4.7
160	.2		355	.9		550			7	285	2.1	4.6
165	.2		360	1.7	5	555			8	250	2.7	5.3
170	.1		365	2.4		560			9	240	2.9	5.8
175	.2		370	2.6	4	565			10	230	3.0	5.7
180	.8		375	2.9		570			11	205	3.1	5.8
185	1.6		380	3.0	3	575			12	195	2.3	5.1
190	2.1		385	3.0		580			13			
195	2.3	12	390	3.2	2	585			14			
200	2.5		395	2.3		590			15			
205	3.2	12/11	400	2.0	1	595			16			
210	2.9		405	1.5		600			17			
215	1.9		410	1.5		605			18			
220	1.6		415	1.2		610			19			
225	2.3		420	1.2		615			20			
230	3.1	10	425	1.2		620			21			
235	2.8		430	1.2		625			22			
240	2.9	9	435	TD 435		630			23			
245	2.9		440			635			24			
250	2.3	8	445			640			25			
255	2.2		450			645			26			
260	1.4		455			650			27			
265	1.2		460			655			28			
270	1.2		465			660			29			
275	1.2		470			665			30			
280	1.4		475			670						
285	2.1	7	480			675						
290	2.5		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor
 copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910808-1J

6244W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>7-31-91</u>	
Field		Legal Description <u>B-18, 31-8</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>QUINN # 337</u>		Depth	
Type of Water (Produced, Supply, etc.)		Formation <u>GR. BED</u>		Water, B/D	
Sampling Point <u>CATHODIC PROTECTION</u>		Sampled By <u>D. ASHWORTH</u>			



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

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>4500</u>	<u>200</u>
Calcium, Ca	<u>4.8</u>	<u>0.2</u>
Magnesium, Mg	<u>32</u>	<u>2.7</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.7</u>
Specific Gravity, 60/60 F.	<u>1.0107</u>
Resistivity (ohm-meters) <u>69</u> F.	<u>0.75</u>

Total Dissolved Solids (calc.)

15,000

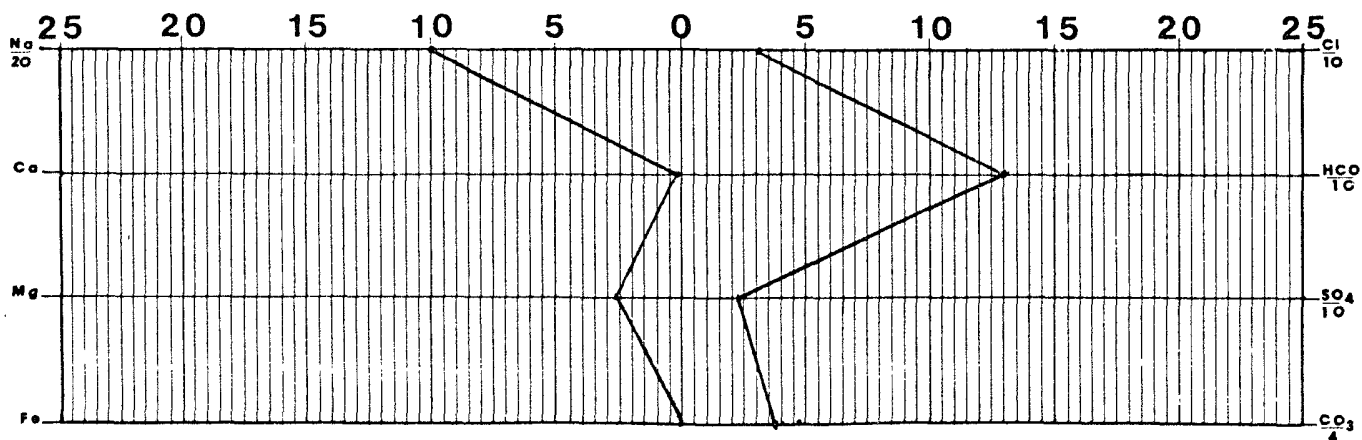
ANIONS

Chloride, Cl	<u>1100</u>	<u>31</u>
Sulfate, SO_4	<u>1100</u>	<u>23</u>
Carbonate, CO_3	<u>440</u>	<u>15</u>
Bicarbonate, HCO_3	<u>7700</u>	<u>130</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date <u>8-8-91</u>	Preserved <u>No</u>	Date Analyzed <u>8-16-91</u>	Analyzed By <u>ES</u>
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