

712

#8 30-049-10778
#337 30-045-27558
62440

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

Operator Mesidian Oil Location: Unit B Sec. 18 Twp 31 Rng 8

Name of Well/Wells or Pipeline Serviced Quinn #8 & #337

Elevation 6425 Completion Date 7-31-91 Total Depth 435 Land Type F

Casing Strings, Sizes, Types & Depths 80' 8" PVC

If Casing Strings are cemented, show amounts & types used Yes - 19 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. 80' Fresh

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 435'

Asbury
Depths anodes placed: #1-400', #2-390', #3-380', #4-370', #5-360', #6-295', #7-285', #8-250', #9-240', #10-230', #11-205', #12-195'

Depths vent pipes placed: Surface to 435'

Vent pipe perforations: From 135' to 435'

Remarks: No gas encountered in drilling of hole

RECEIVED

FEB 24 1992

OIL CON. DIV.
DIST. ?

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# 6244-N P/L NAME (s), NUMBER (s) Quinn #8 cell Quinn #33
 WO # L935 TOTAL VOLTS 12.7 AMPS 21.5 OHMS .59 DATE 7-31-91 NAME David Ashworth

REMARKS (notes for construction log)

H₂O at 80' Drilled hole to 435'

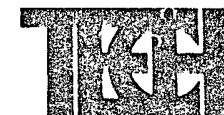
DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	2.1	6	490			685			
105			300	1.6		495			690			
110			305	1.0		500			695			
115			310	.9		505			700			
120			315	.8		510			ANODE	DEPTH	NO	FULLY
125			320	.8		515			#		COKE	COK'D
130			325	1.0		520			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	8	420	1.2		615			20			
230	3.1	10	425	1.2		620			21			
235	2.8	8	430	1.2		625			22			
240	2.9	9	435	TR435		630			23			
245	2.9	8	440			635			24			
250	2.3	8	445			640			25			
255	2.2	8	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>	State <u>N.M.</u>	
Lease or Unit	Well <u>QUINN # 337</u>	Depth	Formation <u>GR. BED</u>	Water, B/D
Type of Water (Produced, Supply, etc.)		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>
_____	_____
_____	_____

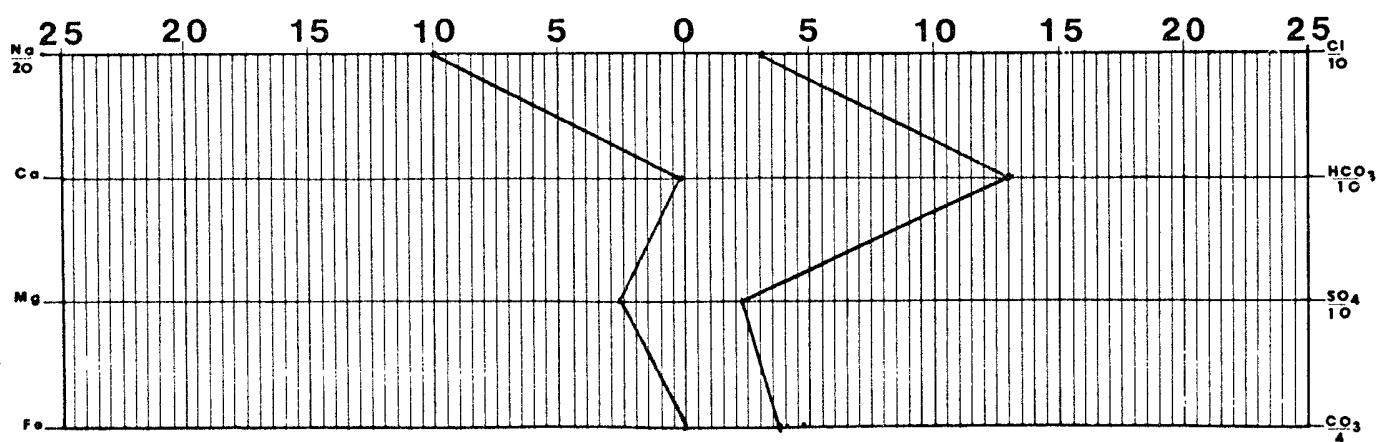
Total Dissolved Solids (calc.) 15,000

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 H₂S _____

REMARKS & RECOMMENDATIONS:



Date Rec'd <u>8-8-91</u>	Preserved <u>No</u>	Date Analyzed <u>8-12-91</u>	Analyzed By <u>ES</u>
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