

708

#3 30-045-10918

#333 30-045-27657

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

6220W

Operator Meridian Oil Co Location: Unit 4 Sec. 8 Twp 31 Rng 8Name of Well/Wells or Pipeline Serviced Exnard #333 + Exnard #3Elevation 6603 Completion Date 8-2-91 Total Depth 415' Land Type FCasing Strings, Sizes, Types & Depths 100' 8" PVC - 2If Casing Strings are cemented, show amounts & types used yes - 20 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. Hole making a little water at 165'-160'Depths gas encountered: NoneGround bed depth with type & amount of coke breeze used: 415' - AsburyDepths anodes placed: #1-390' #2-380' #3-370' #4-360' #5-350' #6-320' #7-310' #8-270' #9-260' #10-185' #11-175' #12-165'Depths vent pipes placed: 415' to surfaceVent pipe perforations: From 115' to 415'Remarks: No Gas encountered in 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# 6220W	P/L NAME(s), NUMBER(s) <i>Exner</i> #3 + #333					
WO # M314	TOTAL	VOLTS 12.3	AMPS 17.0	- OHMS .72	DATE 8-2-91	NAME David Ashworth

REMARKS (notes for construction log)

Little H₂O at 165' Perf- 115' to 415'

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	1.0		490			685			
105			300	1.0		495			690			
110			305	1.2		500			695			
115			310	1.8	7	505			700			
120			315	2.0		510			ANODE	DEPTH	NO	FULLY
125			320	1.6	6	515			*		COKE	COK'D
130			325	1.2		520			1	390	1.9	4.6
135			330	1.0		525			2	380	2.7	4.5
140			335	.9		530			3	370	2.5	4.9
145			340	1.0		535			4	360	2.4	4.5
150			345	1.1		540			5	350	1.7	4.2
155	1.0		350	1.4	5	545			6	320	2.0	3.5
160	1.6		355	2.1		550			7	310	2.0	3.5
165	2.1	12	360	2.4	4	555			8	270	1.8	3.3
170	2.8		365	2.5		560			9	260	1.7	3.2
175	2.9	11	370	2.5	3	565			10	185	2.4	5.0
180	2.1		375	2.6		570			11	175	2.9	5.5
185	1.1	10	380	3.0	2	575			12	165	2.6	5.3
190	.8		385	2.6		580			13			
195	.7		390	1.5	1	585			14			
200	.6		395	.9		590			15			
205	.6		400	.8		595			16			
210	.6		405	.8		600			17			
215	.6		410	.8		605			18			
220	.6		415	TN-415		610			19			
225	.7		420			615			20			
230	.7		425			620			21			
235	.8		430			625			22			
240	.7		435			630			23			
245	.7		440			635			24			
250	.7		445			640			25			
255	1.0		450			645			26			
260	1.6	9	455			650			27			
265	1.9		460			655			28			
270	1.7	8	465			660			29			
275	1.0		470			665			30			
280	.9		475			670						
285	.8		480			675						
290	.9		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor
copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910808-1B

6220W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>8-2-91</u>	
Field		Legal Description <u>H-8, 31-8</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>OXNARD #333</u>		Depth	
Type of Water (Produced, Supply, etc.) <u>CATHODIC PROTECTION</u>		Sampling Point		Formation <u>DEEPWELL GR.BED</u>	
				Water, B/D	
				State <u>N.M.</u>	
				Sampled By <u>D. ASHWORTH</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	<u>6200</u>	<u>270</u>
Calcium, Ca	<u>810</u>	<u>0.4</u>
Magnesium, Mg	<u>47</u>	<u>3.9</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.8</u>
Specific Gravity, 60/60 F.	<u>1.0136</u>
Resistivity (ohm-meters) <u>69'</u> F.	<u>0.60</u>

Total Dissolved Solids (calc.)

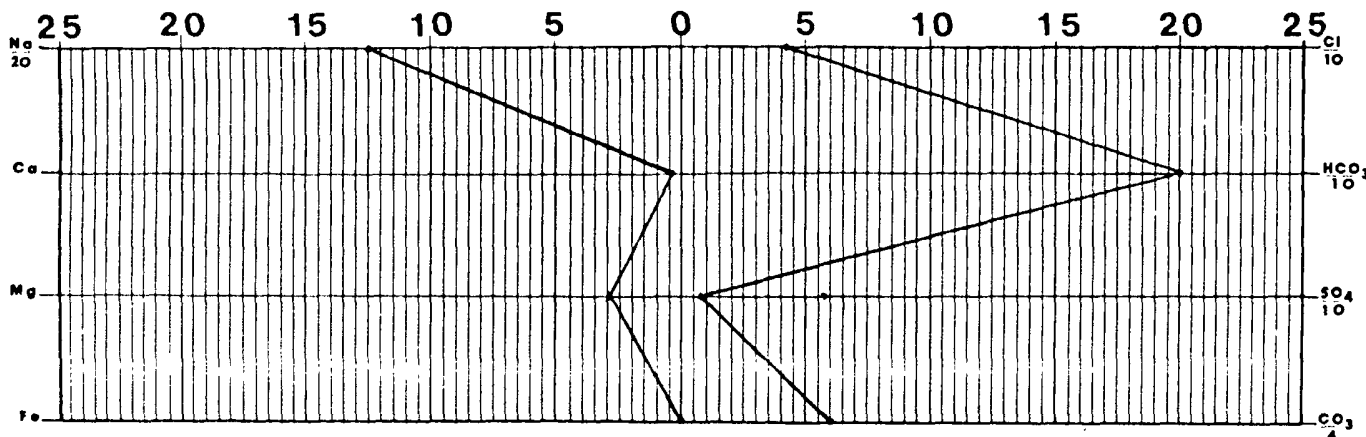
24000

ANIONS

Chloride, Cl	<u>1500</u>	<u>42</u>
Sulfate, SO_4	<u>37</u>	<u>7.6</u>
Carbonate, CO_3	<u>710</u>	<u>24</u>
Bicarbonate, HCO_3	<u>12,000</u>	<u>200</u>

Iron, Fe (total)	
Sulfide, as H_2S	

REMARKS & RECOMMENDATIONS:



Date Received <u>8/8/91</u>	Preserved <u>NO</u>	Date Analyzed <u>8/12/91</u>	Analyzed By <u>[Signature]</u>
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TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311