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30-039-22212

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22.452

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

Operator Meridian Oil Location: Unit F Sec. 29 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced San Juan 30-6 #53A

Elevation 6309 Completion Date 8-8-91 Total Depth 455' Land Type F

Casing Strings, Sizes, Types & Depths 100' 8" PVC

If Casing Strings are cemented, show amounts & types used yes - 20 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. 170' - Fresh

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 455'

Asbury - 68 Bags

Depths anodes placed: #1-435', #2-425', #3-415', #4-405', #5-395', #6-385', #7-375', #8-350', #9-340', #10-275', #11-215', #12-205'

Depths vent pipes placed: 455' to Surface

Vent pipe perforations: From 455' up to 155'

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#	P/L NAME(s), NUMBER(s)					
2245-4	San Juan 30-6 #53A					
NO #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
		12.7	22.9	.55	8-8-91	David Ashworth
REMARKS (notes for construction log)						
300' Perf						
H ₂ O-170'						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100			295	1.6		490			685			
105			300	1.4		495			690			
110			305	1.3		500			695			
115			310	1.8		505			700			
120			315	1.6		510			ANODE	DEPTH	NO	FULLY
125			320	1.5		515			#		COKE	COOK'D
130			325	1.7		520			1	435	3.1	4.8
135			330	1.7		525			2	425	2.7	5.4
140			335	2.0		530			3	415	3.1	5.6
145			340	2.3	9	535			4	405	3.1	5.3
150			345	2.6		540			5	395	3.5	5.5
155			350	2.2	9	545			6	385	2.6	4.7
160			355	1.7		550			7	375	1.7	3.9
165			360	1.3		555			8	350	2.5	4.1
170			365	1.4		560			9	340	2.1	4.0
175			370	1.6		565			10	275	2.3	3.7
180	2.7		375	1.7	7	570			11	215	2.4	5.3
185	4.6		380	2.7		575			12	205	3.6	7.2
190	5.1		385	3.4	6	580			13			
195	3.6		390	3.1		585			14			
200	2.0		395	2.6	5	590			15			
205	2.5	12	400	2.7		595			16			
210	1.9		405	3.0	4	600			17			
215	2.4	11	410	3.3		605			18			
220	2.6		415	2.9	3	610			19			
225	2.0		420	2.7		615			20			
230	1.7		425	2.7	2	620			21			
235	1.3		430	3.4		625			22			
240	1.1		435	3.2	1	630			23			
245	1.0		440	1.8		635			24			
250	1.1		445	.7		640			25			
255	1.5		450	.7		645			26			
260	1.3		455	TD-455		650			27			
265	1.3		460			655			28			
270	1.6		465			660			29			
275	2.3	10	470			665			30			
280	2.1		475			670						
285	1.8		480			675						
290	1.6		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No 25910816-1C

Company <u>MERIDIAN OIL</u>		Sample No. <u>2245W</u>		Date Sampled <u>8-8-91</u>	
Field		Legal Description <u>E-29, 30-6</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>SJ 30-6 #53A</u>		Depth <u>WATER TABLE</u>	
Type of Water (Produced, Supply, etc.) <u>C.P. GROUND BED</u>		Sampling Point <u>C.P. GROUND BED</u>		Water, B/D	
				Sampled By	



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

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	<u>740</u>	<u>32</u>
Calcium, Ca	<u>200</u>	<u>10</u>
Magnesium, Mg	<u>6.1</u>	<u>0.5</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.4</u>
Specific Gravity, 60/60 F.	<u>1.0047</u>
Resistivity (ohm-meters) <u>74 F.</u>	<u>3.15</u>

Total Dissolved Solids (calc.)

3,000

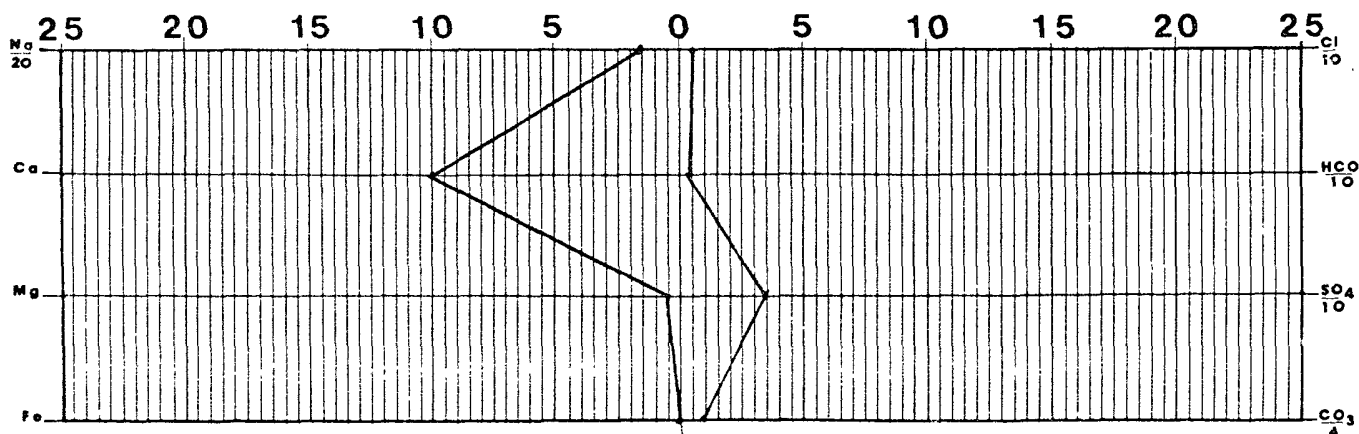
ANIONS

Chloride, Cl	<u>180</u>	<u>5.0</u>
Sulfate, SO_4	<u>1600</u>	<u>34</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>230</u>	<u>3.7</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>08/16/91</u>	Preserved <u>NO</u>	Date Analyzed <u>08/16/91</u>	Analyzed By <u>ES</u>
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