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30-039-24530

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

2243W

Operator Meridian Oil Location: Unit NW Sec. 24 Twp 30 Rng 7Name of Well/Wells or Pipeline Serviced San Juan 30-6 POW #1Elevation _____ Completion Date 8-6-91 Total Depth 455' Land Type FCasing Strings, Sizes, Types & Depths 80' 8" PVC CasingIf Casing Strings are cemented, show amounts & types used yes - 16 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' - FreshRECEIVED
FEB 24 1992OIL CON. DIV.
DIST. 3Depths gas encountered: NoneGround bed depth with type & amount of coke breeze used: 455' - AsburyCoke Breeze From 455' to 90'Depths anodes placed: #1-440', #2-410', #3-400', #4-390', #5-220', #6-210', #7-185', #8-1
#9-135', #10-125', #11-115', #12-105'Depths vent pipes placed: From 455' to SurfaceVent pipe perforations: From 455' to 105'Remarks: No Problems encountered. Water level in casing remained
at 80' after Ground Bed was loaded + coked

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)					
2243	San Juan 30-6 POW #1					
WO #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
I 314		12.4	12.2	1.01	8-6-91	David Ashworth
REMARKS (notes for construction log)						
H ₂ O - 80' PerF 100-455'						

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100	1.4		295	.6		490			685			
105	1.4	12.	300	.7		495			690			
110	1.7		305	.7		500			695			
115	2.2	11.	310	.8		505			700			
120	1.9		315	.8		510			ANODE	DEPTH	NO	FULLY
125	1.9	10.	320	.7		515			*		COKE	COK'D
130	1.8		325	.8		520			1	440	1.2	3.1
135	2.0	9.	330	.7		525			2	410	1.2	3.7
140	1.0		335	1.0		530			3	400	1.7	4.6
145	.9		340	.6		535			4	390	1.1	4.3
150	.8		345	.5		540			5	220	1.4	4.0
155	.7		350	.6		545			6	220 210	1.2	3.8
160	.6		355	.6		550			7	185	1.2	3.8
165	.8		360	.6		555			8	175	1.3	4.0
170	.9		365	.7		560			9	135	1.8	4.7
175	1.2	8.	370	.8		565			10	125	1.9	3.1
180	1.5		375	.8		570			11	115	2.1	4.8
185	1.2	7.	380	.8		575			12	105	1.5	3.5
190	.9		385	1.0		580			13			
195	.8		390	1.1	4	585			14			
200	.5		395	1.4		590			15			
205	.6		400	1.8	3	595			16			
210	1.2	6.	405	1.6		600			17			
215	1.0		410	1.2	2	605			18			
220	1.3	5.	415	1.0		610			19			
225	1.1		420	.9		615			20			
230	.6		425	1.6		620			21			
235	.6		430	.5		625			22			
240	.6		435	.7		630			23			
245	1.6		440	1.0	1	635			24			
250	.6		445	1.6		640			25			
255	.7		450	1.6		645			26			
260	.9		455	TWISS		650			27			
265	1.0		460			655			28			
270	.8		465			660			29			
275	.8		470			665			30			
280	.6		475			670						
285	.4		480			675						
290	.5		485			680						

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

API WATER ANALYSIS REPORT FORM

 Laboratory No. 25910808-1D

2243W

Company <u>MERIDIAN OIL</u>		Sample No.	Date Sampled <u>8-6-91</u>
Field	Legal Description <u>NW/24, 30-7</u>	County or Parish <u>SAN JUAN</u>	State <u>N.M.</u>
Lease or Unit	Well <u>SJ 30-6 POW#1</u>	Depth	Formation <u>WATER TABLE</u>
Type of Water (Produced, Supply, etc.) <u>C.P. GR. BED</u>		Sampling Point	Sampled By <u>D. ASHWORTH</u>

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	<u>1300</u>	<u>59</u>
Calcium, Ca	<u>17</u>	<u>0.8</u>
Magnesium, Mg	<u>0.7</u>	<u>.06</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>11.9</u>
Specific Gravity, 60/60 F.	<u>1.0048</u>
Resistivity (ohm-meters) <u>69' F.</u>	<u>1.45</u>

Total Dissolved Solids (calc.)

3600.

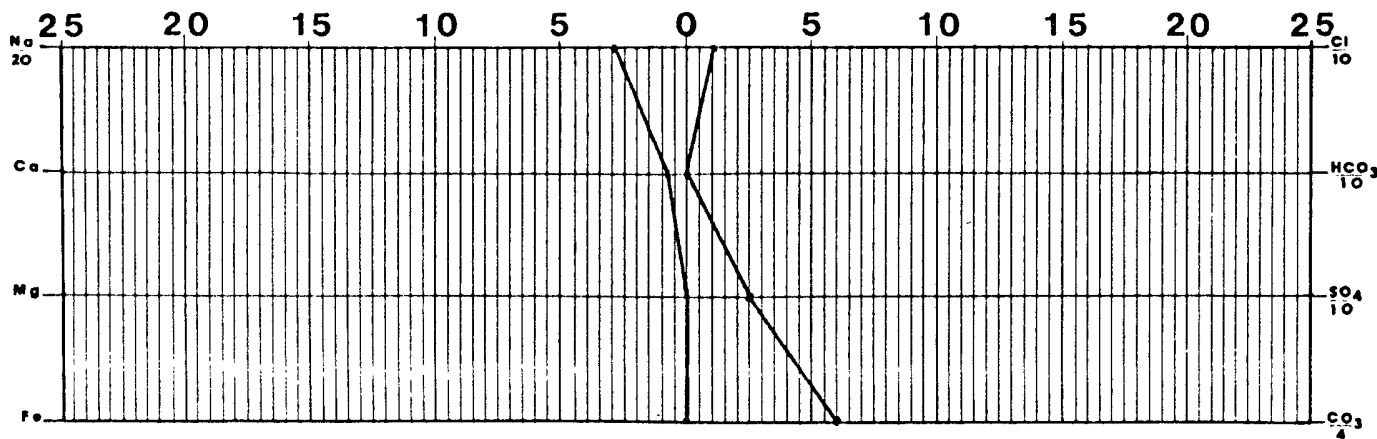
ANIONS

Chloride, Cl	<u>400</u>	<u>11</u>
Sulfate, So ₄	<u>1200</u>	<u>25</u>
Carbonate, CO ₃	<u>720</u>	<u>24</u>
Bicarbonate, HCO ₃	<u>0</u>	<u>0</u>

Iron, Fe (total)

 Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received <u>8/8/91</u>	Preserved <u>NO</u>	Date Analyzed <u>8/14/91</u>	Analyzed By <u>ES</u>
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