

574

100-30-045-26906

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

21836

Operator Meridian Oil Location: Unit K Sec. 16 Twp 32 Rng 10Name of Well/Wells or Pipeline Serviced EPNG Com C #100Elevation 6767 Completion Date 10-2-91 Total Depth 463' Land Type ICasing Strings, Sizes, Types & Depths 100' 8" PVC CasingIf Casing Strings are cemented, show amounts & types used Yes-21 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. No water detected in any depth of holeDepths gas encountered: NoneGround bed depth with type & amount of coke breeze used: 463'58 Bags Asbury + 40 Bags LorescoDepths anodes placed: 405, 395, 385, 375, 365, 355, 340, 330, 310, 300, 290, 235Depths vent pipes placed: Surface to 463'Vent pipe perforations: From 110' to 463'Remarks: Ground Bed may be seeping water at 180' and 260'

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-Private
If Federal or Indian, add Lease Number.

RECEIVED

FEB 24 1992

OIL CON. DIV. I

DIST 3

CPS GROUND BED CONSTRUCTION WORKSHEET

REQ#	P/L NAME(s), NUMBER(s)					DATE	NAME
2183-D	EPNG Com C#100					10-2-91	D. Ashworth
C	TOTAL	VOLTS	AMPS	- OHMS			
1519		12.1	19.7				

REMARKS (notes for construction log)

PerF 350'

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
ANODE	ANODE	ANODE	ANODE	ANODE	ANODE	ANODE	ANODE	ANODE	ANODE	ANODE	ANODE	
100			295	2.4	10	490			685			
105			300	2.7	8	495			690			
110			305	2.5	9	500			695			
115			310	2.3		505			700			
120			315	1.5		510			ANODE	DEPTH	NO	FULLY
125			320	1.0		515			*		COKE	COKE'D
130			325	1.2		520			1	405	2.4	4.1
135			330	2.0	8	525			2	395	3.3	5.3
140			335	2.6	7	530			3	385	3.0	5.1
145			340	2.3		535			4	375	3.0	4.9
150	1.1		345	1.3		540			5	365	3.0	4.9
155	1.0		350	1.1		545			6	355	2.5	4.1
160	1.9		355	1.7	6	550			7	340	2.3	4.7
165	1.2		360	2.9		555			8	330	2.7	4.8
170	2.3		365	2.9	5	560			9	310	2.4	4.5
175	1.6		370	2.8		565			10	300	2.7	5.3
180	1.3		375	3.1	4	570			11	290	2.1	4.6
185	1.6		380	3.0		575			12	235	2.3	4.5
190	3.9		385	2.9	3	580			13			
195	4.0		390	3.7		585			14			
200	3.6		395	3.2	2	590			15			
205	2.9		400	2.8		595			16			
210	2.4		405	2.4	1	600			17			
215	2.2		410	1.4		605			18			
220	1.5		415	1.0		610			19			
225	1.1		420	.9		615			20			
230	1.5		425	.8		620			21			
235	2.3	12	430	.8		625			22			
240	2.1		435	.8		630			23			
245	1.7		440	1.0		635			24			
250	1.4		445	1.3		640			25			
255	1.2		450	1.9		645			26			
260	1.0		455	1.6		650			27			
265	.8		460	463-70		655			28			
270	1.0		465			660			29			
275	1.2		470			665			30			
280	1.2		475			670						
285	1.5		480			675						
290	1.9	11	485			680						

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

API WATER ANALYSIS REPO FORM

Laboratory No 25910930-15

2182W

Company <u>MERCIDIAN OIL</u>		Sample No.		Date Sampled <u>9-23-91</u>	
Field		Legal Description <u>K11-32-10</u>		County or Parish <u>LA BATA</u>	
Lease or Unit		Well <u>Carter Ute #106</u>		Depth <u>120'</u>	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BEG H2O</u>		Formation <u>F.C.</u>	
				Water, B/D	
				Sampled By <u>W.R. McGAHA</u>	



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

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>450</u>	<u>20</u>
Calcium, Ca	<u>12</u>	<u>0.6</u>
Magnesium, Mg	<u>2.4</u>	<u>0.2</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.9</u>
Specific Gravity, 60/60 F.	
Resistivity (ohm-meters) <u>70' F.</u>	<u>21.0</u>

Total Dissolved Solids (calc)

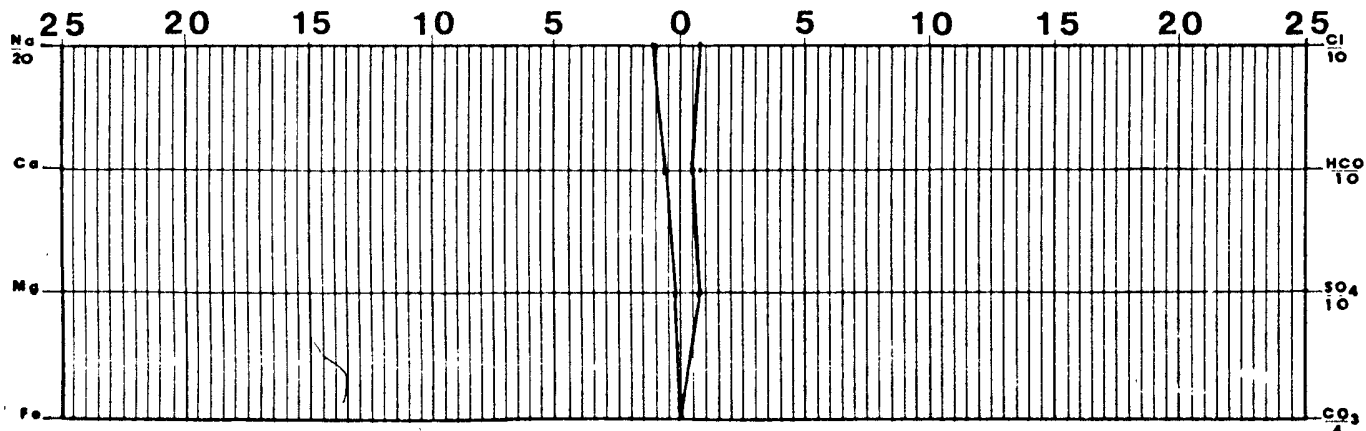
1400.

ANIONS

Chloride, Cl	<u>250</u>	<u>7.0</u>
Sulfate, So ₄	<u>380</u>	<u>7.9</u>
Carbonate, CO ₃	<u>15</u>	<u>0.5</u>
Bicarbonate, HCO ₃	<u>310</u>	<u>5.0</u>

Iron, Fe (total)
Sulfide, as H₂S

REMARKS & RECOMMENDATIONS: This sample had to be filtered several times before analysis.



Date Received <u>9/20/91</u>	Preserved <u>1/6</u>	Date Analyzed <u>10/3/91</u>	Analyzed By <u>FS</u>
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