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30-045-22866

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

405TW

Operator Meridian Location: Unit I Sec. 24 Twp 31 Rng 12Name of Well/Wells or Pipeline Serviced EAST #4AElevation _____ Completion Date 10/16/91 Total Depth 383 Land Type FCasing Strings, Sizes, Types & Depths 100' OF 8" PVC CASING,
WITH 25 SACKS OF CEMENTIf Casing Strings are cemented, show amounts & types used 100' OF 8"
PVC CASING WITH 25 SACKS OF CEMENTIf 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. DRILLER HIT FRESH WATER AT 125'Depths gas encountered: NONEGround bed depth with type & amount of coke breeze used: Hole Depth 383
34 SACKS OF LORESCO SW AND 39 SACK OF REBURY (5,350#)Depths anodes placed: 365, 355, 345, 335, 265, 255, 240, 230, 185, 175, 165, +155Depths vent pipes placed: SURFACE TO 383'Vent pipe perforations: BOTTOM 260'

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)					
4051W	EAST #4A					
ID #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
15417		11.5	28.6	.40	10/16/91	JOHN L. MOSS

REMARKS (notes for construction log)

Driller Hit Water AT 125'
1" Vent Pipe Installed, WITH Bottom 260' Perforated. Hole
Depth 383'

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100			295	1.8		490			685			
105			300	1.4		495			690			
110			305	1.2		500			695			
115	2.4		310	1.6		505			700			
120	2.3		315	1.6		510			ANODE	DEPTH	NO.	FULL
125	2.2		320	.9		515			*		COKE	COK%
130	2.1		325	1.2		520			1	365	2.1	6.7
135	1.8		330	1.6		525			2	355	2.1	5.6
140	1.8		335	2.1	4	530			3	345	2.2	6.5
145	2.0		340	2.0		535			4	335	2.0	6.0
150	2.3		345	2.1	3	540			5	265	2.7	7.7
155	2.6	12	350	2.2		545			6	255	2.6	8.1
160	2.4		355	2.1	2	550			7	240	2.6	8.3
165	2.3	11	360	2.0		555			8	230	2.4	7.9
170	2.2		365	2.0	1	560			9	185	2.2	6.7
175	2.3	10	370	2.1		565			10	175	2.4	7.0
180	2.2		375	2.3		570			11	165	2.4	7.0
185	2.1	9	380	2.5		575			12	155	2.8	7.2
190	2.1		385			580			13			
195	1.9		390			585			14			
200	1.9		395			590			15			
205	1.9		400			595			16			
210	2.3		405			600			17			
215	2.1		410			605			18			
220	2.1		415			610			19			
225	2.1		420			615			20			
230	2.1	8	425			620			21			
235	2.2		430			625			22			
240	2.1	7	435			630			23			
245	2.0		440			635			24			
250	2.2		445			640			25			
255	2.2	6	450			645			26			
260	2.2		455			650			27			
265	2.3	5	460			655			28			
270	1.5		465			660			29			
275	1.9		470			665			30			
280	2.1		475			670						
285	1.8		480			675						
290	1.7		485			680						

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

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-91108-15

Company <u>Meridian</u>		Sample No.		Date Sampled <u>10-16-91</u>	
Field <u>4051W</u>		Legal Description <u>I-24-31-12</u>		County or Parish <u>San Juan</u>	
Lease or Unit <u>East</u>		Well <u># 4A</u>		Depth	
Type of Water (Produced, Supply, etc.) <u>Produced</u>		Sampling Point		Formation <u>Water Table</u>	
				Water, B/D	
				Sampled By <u>J. L. Moss</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>395</u>	<u>17</u>
Calcium, Ca	<u>7.2</u>	<u>0.36</u>
Magnesium, Mg	<u>0.5</u>	<u>0.04</u>
Barium, Ba		

ANIONS

Chloride, Cl	<u>470</u>	<u>13</u>
Sulfate, SO_4	<u>-</u>	<u>-</u>
Carbonate, CO_3	<u>5</u>	<u>0.17</u>
Bicarbonate, HCO_3	<u>270</u>	<u>44</u>

OTHER PROPERTIES

pH	<u>8.24</u>
Specific Gravity, 60/60 F.	<u>1.0015</u>
Resistivity (ohm-meters) <u>68</u> F.	<u>5.9</u>

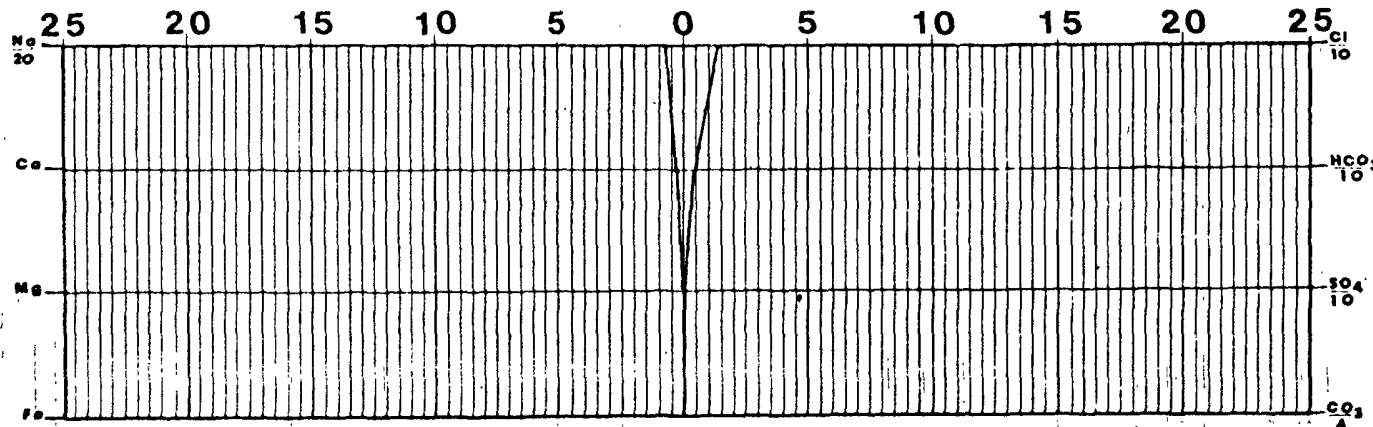
Total Dissolved Solids (calc.)

1,150

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>8th Nov, 1991</u>	Preserved	Date Analyzed <u>27th Dec, 1991</u>	Analyzed By <u>R.H.</u>
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