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101-30-045-27662

E
2177WDATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Location: Unit 77 Sec. 13 Twp 31 Rng 8Name of Well/Wells or Pipeline Served Lewis Park 101Elevation 6515 Completion Date 5-3-91 Total Depth 362' Land Type FCasing Strings, Sizes, Types & Depths 100" sch. 40.8" PVC

If Casing Strings are cemented, show amounts & types used

20 sacks of cement

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NODepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 105' fresh

RECEIVED

FEB 24 1992

Depths gas encountered: NOGround bed depth with type & amount of coke breeze used: 362' Asbury, 49 sacksOIL CON. DIV.
DIST. 3Depths anodes placed: 325', 315', 305', 285', 270', 260', 190', 178', 168', 158', 149', 140'Depths vent pipes placed: 362'Vent pipe perforations: 1' apart, perforated bottom 300'

Remarks: _____

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)					
2177-W	Lewisa Park 101					
O #	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
T640		11.37	17.1	.66	8-3-91	L.S.E.
REMARKS (notes for construction log)						
Water at 105'						
Perforated bottom 300' of vent pipe.						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100	.4		295	1.3		490			685			
105	.5		300	1.8		495			690			
110	.7		305	2.1		500			695			
115	.3		310	2.1		505			700			
120	.3		315	2.0	2	510			ANODE	DEPTH	NO	FULLY
125	.5		320	2.0		515			*		COKE	COK'D
130	.7		325	1.8		520			1	325	2.1	41
135	2.1		330	1.2		525			2	315	2.4	48
140	2.5	12	335	1.0		530			3	305	2.5	5.0
145	2.7		340	.9		535			4	275	1.8	39
150	2.5		345	.8		540			5	270	2.1	4.3
155	2.4		350	.9		545			6	260	1.7	4.0
160	2.6		355	1.0		550			7	190	3.3	5.8
165	2.8		360	TD	362	555			8	178	3.1	6.6
170	2.9	9	365			560			9	168	3.6	6.9
175	2.6		370			565			10	158	3.0	6.3
180	1.8		375			570			11	149	3.0	6.2
185	2.2		380			575			12	140	3.1	5.8
190	2.8		385			580			13			
195	1.0		390			585			14			
200	.6		395			590			15			
205	.6		400			595			16			
210	.6		405			600			17			
215	.6		410			605			18			
220	.6		415			610			19			
225	.6		420			615			20			
230	.7		425			620			21			
235	.9		430			625			22			
240	.9		435			630			23			
245	.8		440			635			24			
250	.8		445			640			25			
255	.9		450			645			26			
260	1.2		455			650			27			
265	1.8		460			655			28			
270	1.8		465			660			29			
275	1.2		470			665			30			
280	1.2		475			670						
285	1.5		480			675						
290	1.4		485			680						

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

API WATER ANALYSIS REPORT FORM

 Laboratory No 25910808-1A

2177W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>8-3-91</u>	
Field		Legal Description <u>M-13-31-8</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>LEWIS PARK 101</u>		Depth	
Type of Water (Produced, Supply, etc.) <u>GR. BED</u>		Sampling Point		Water, B/D <u>WATER TABLE</u>	
				Sampled By <u>LSE</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>830</u>	<u>36</u>
Calcium, Ca	<u>120</u>	<u>5.8</u>
Magnesium, Mg	<u>15</u>	<u>1.2</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.2</u>
Specific Gravity, 60/60 F.	<u>1.0043</u>
Resistivity (ohm-meters) <u>69</u> F.	<u>2.90</u>

Total Dissolved Solids (calc.)

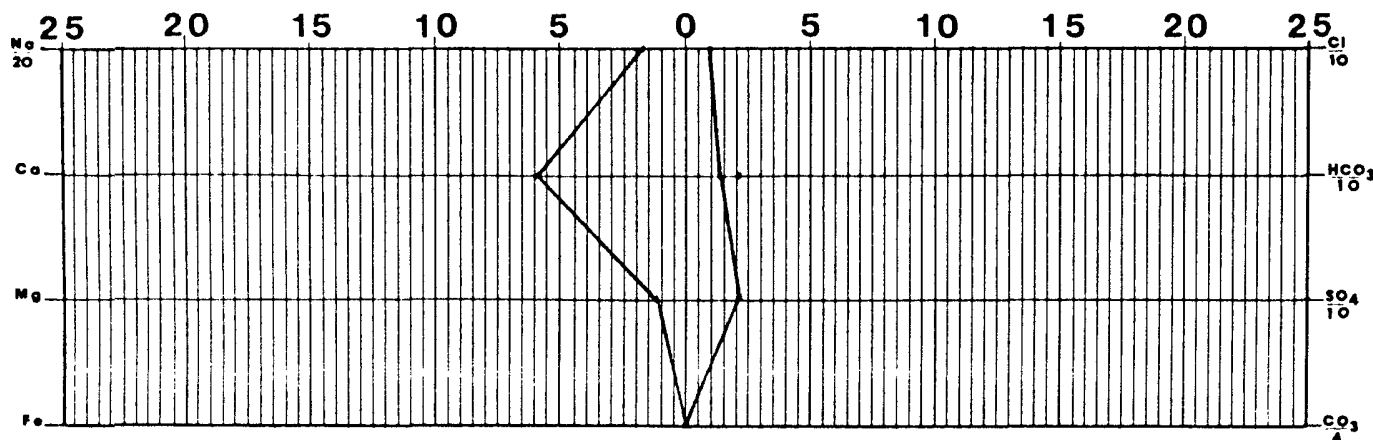
3100

ANIONS

Chloride, Cl	<u>320</u>	<u>9.0</u>
Sulfate, SO_4	<u>990</u>	<u>21</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>820</u>	<u>13</u>

Iron, Fe (total)	
Sulfide, as H_2S	

REMARKS & RECOMMENDATIONS:



Date Received <u>8/1/91</u>	Preserved <u>N</u>	Date Analyzed <u>8/1/91</u>	Analyzed By <u>ES</u>
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