

531

24-30-039-07857

407-30-039-24527

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01842

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Location: Unit B Sec. 16 Twp 30 Rng 6Name of Well/Wells or Pipeline Serviced S.J. 30-6 #24 & 407Elevation 6302 Completion Date 8-11-91 Total Depth _____ Land Type FCasing Strings, Sizes, Types & Depths 100' 8" PVCIf Casing Strings are cemented, show amounts & types used yes, 20SACKS NEAT 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. FRESH - 190'Depths gas encountered: NOGround bed depth with type & amount of coke breeze used: 395' with115 BAGS of Asbury 4518 F10 COKEDepths anodes placed: 335, 321, 312, 285, 275, 254, 245, 235, 225, 215, 205, 190Depths vent pipes placed: 395Vent pipe perforations: bottom 300

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# 184-W	P/L NAME(s), NUMBER(s) S.J.30-6 #24 & 407					
W#	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
		12.08	17.2		8-11-91	MRCW
REMARKS (notes for construction log)						
100' 8" PVC 20 BAGS CEMENT						
Drilled 400 LOGGED 39.5' WATER 175' perforated bottom 300						
115 bags						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100			295	1.1		490			685			
105			300	1.3		495			690			
110			305	1.3		500			695			
115			310	1.4		505			700			
120			315	2.4		510			ANODE	DEPTH	NO	FULLY
125			320	1.8		515			*		COKE	COK'D
130			325	1.3		520			1	335	1.4	3.7
135			330	1.3		525			2	321	2.1	4.4
140			335	1.4		530			3	312	1.7	4.2
145			340	1.3		535			4	285	1.8	4.4
150			345	1.1		540			5	275	1.8	4.4
155			350	1.1		545			6	254	2.1	5.6
160			355	1.3		550			7	245	2.6	6.0
165			360	1.3		555			8	235	1.7	5.6
170			365	1.1		560			9	225	2.1	5.9
175			370	1.1		565			10	215	2.4	6.0
180	1.7		375	1.2		570			11	205	2.0	5.2
185	2.1		380	1.1		575			12	190	2.0	4.7
190	1.8		385	1.1		580			13			
195	1.8		390	1.1		585			14			
200	1.9		395	TD	39.5	590			15			
205	1.9		400			595			16			
210	2.1		405			600			17			
215	2.4		410			605			18			
220	2.4		415			610			19			
225	2.1		420			615			20			
230	1.7		425			620			21			
235	1.9		430			625			22			
240	2.0		435			630			23			
245	2.6		440			635			24			
250	2.5		445			640			25			
255	1.4		450			645			26			
260	1.9		455			650			27			
265	1.9		460			655			28			
270	1.1		465			660			29			
275	1.7		470			665			30			
280	1.7		475			670						
285	1.5		480			675						
290	1.1		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910816-1M

Company <u>MERIDIAN OIL</u>		Sample No. <u>01846W</u>		Date Sampled <u>08-11-91</u>	
Field		Legal Description <u>B16-30-6</u>		County or Parish <u>KIO ARRIBA</u>	
Lease or Unit		Well <u>SJ 30-6 #407</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED 190</u>		Sampled By <u>PTRW</u>	
		Formation <u>FC</u>		Water, B/D	
				State <u>N.M.</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>4800</u>	<u>210</u>
Calcium, Ca	<u>6.0</u>	<u>0.3</u>
Magnesium, Mg	<u>16</u>	<u>1.3</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.8</u>
Specific Gravity, 60/60 F.	<u>1.0126</u>
Resistivity (ohm-meters) <u>74</u> F.	<u>0.64</u>

Total Dissolved Solids (calc.)

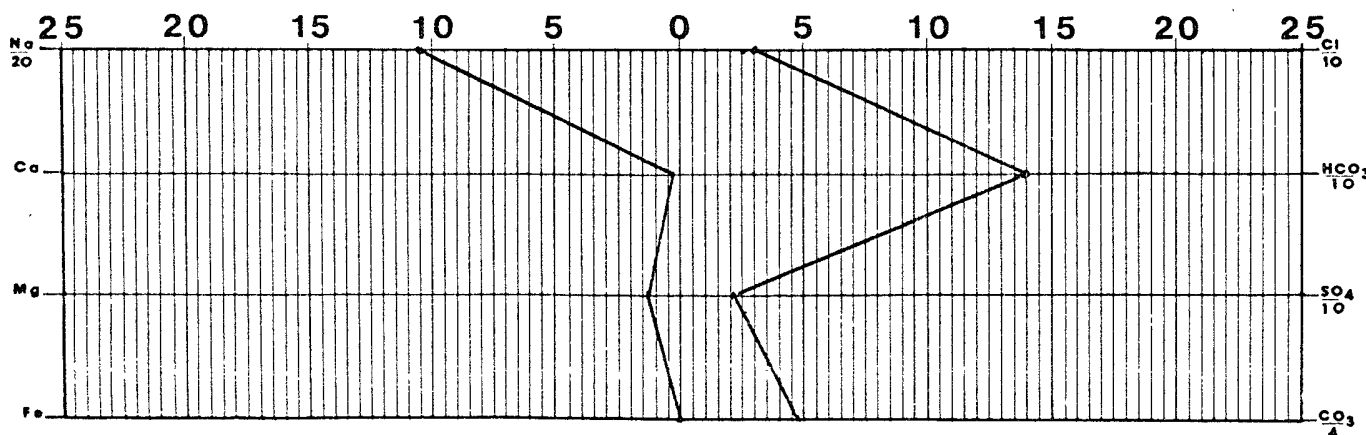
16,000

ANIONS

Chloride, Cl	<u>1000</u>	<u>30</u>
Sulfate, SO_4	<u>1000</u>	<u>21</u>
Carbonate, CO_3	<u>570</u>	<u>19</u>
Bicarbonate, HCO_3	<u>8700</u>	<u>140</u>

Iron, Fe (total)
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>08/16/91</u>	Preserved <u>No</u>	Date Analyzed <u>8/16/91</u>	Analyzed By <u>ED</u>
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