

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

Operator MERIDIAN Location: Unit N Sec. 1 Twp 31 Rng 9

Name of Well/Wells or Pipeline Serviced NORDHAUS # 711, # 6

Elevation _____ Completion Date 7-22-91 Total Depth _____ Land Type F

Casing Strings, Sizes, Types & Depths 8" PVC SURFACE CASING

100' DEEP

If Casing Strings are cemented, show amounts & types used 20 BAGS

NEAT CEMENT

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

N/A

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. FRESH AT 180'

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 385' DEEP

with 54 BAGS LORESCO SW

Depths anodes placed: 365, 355, 345, 335, 326, 302, 280, 270, 261, 215, 205, 195

Depths vent pipes placed: 385'

Vent pipe perforations: 80' TO 385'

Remarks: _____

RECEIVED

FEB 24 1992

OIL CON. DIV. I

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# 6212W	P/L NAME(s), NUMBER(s) NORDHAUS #711				
* L927	TOTAL	VOLTS 11.07	AMPS 13.4	- OHMS .83	DATE 7-22-91 NAME MRW
REMARKS (notes for construction log) SET 100' of 8" PVC SURFACE					
CASING 20 SACKS NEAT CEMENT. WATER AT 180' DAUGHT					
Sample, Drilled 385', LOGGED 385' 54 BAGS COKE (LORESCO)					

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	.3		490			685			
105			300	1.0	(6)	495			690			
110			305	.8		500			695			
115			310	.3		505			700			
120			315	.2		510			ANODE	DEPTH	NO	FULLY
125			320	.2		515			*		COKE	COK'D
130			325	.9	(5)	520			1	365	1.3	3.1
135			330	1.7		525			2	355	1.3	3.6
140			335	1.5	(4)	530			3	345	1.6	4.2
145			340	1.4		535			4	335	1.9	4.6
150			345	1.4	(3)	540			5	326	1.4	4.1
155			350	1.3		545			6	302	1.3	2.7
160			355	1.2	(2)	550			7	280	1.3	3.0
165			360	1.2		555			8	270	1.5	3.3
170			365	1.2	(1)	560			9	261	1.2	3.0
175			370	.9		565			10	215	1.3	3.4
180	.4		375	.2		570			11	205	1.7	4.0
185	.4		380	.2		575			12	195	1.2	3.3
190	1.1		385			580			13			
195	1.1	(2)	390			585			14			
200	.9		395			590			15			
205	1.6	(11)	400			595			16			
210	1.4		405			600			17			
215	1.2	(10)	410			605			18			
220	.7		415			610			19			
225	.2		420			615			20			
230	.3		425			620			21			
235	.2		430			625			22			
240	.2		435			630			23			
245	.3		440			635			24			
250	.3		445			640			25			
255	.2		450			645			26			
260	.9	(9)	455			650			27			
265	1.2		460			655			28			
270	1.3	(8)	465			660			29			
275	1.2		470			665			30			
280	1.1	(7)	475			670						
285	.4		480			675						
290	.2		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

WATER ANALYSIS REPORT FORM

 Laboratory No. 25910724-2E

6212

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>7/22/91</u>	
Field		Legal Description <u>N 1-31-9</u>		County or Parish <u>SAN JUAN</u>	
State <u>N.M.</u>		Lease or Unit		Well <u>NORDHAUS # 711</u>	
Depth		Formation <u>F/C</u>		Water, B/D	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED</u>		Sampled By <u>MRW</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>620</u>	<u>27</u>
Calcium, Ca	<u>150</u>	<u>5.8</u>
Magnesium, Mg	<u>73</u>	<u>0.6</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.0</u>
Specific Gravity, 60/60 F.	<u>1.0032</u>
Resistivity (ohm-meters) <u>72'</u> F.	<u>8.3</u>

Total Dissolved Solids (calc.)

2100.

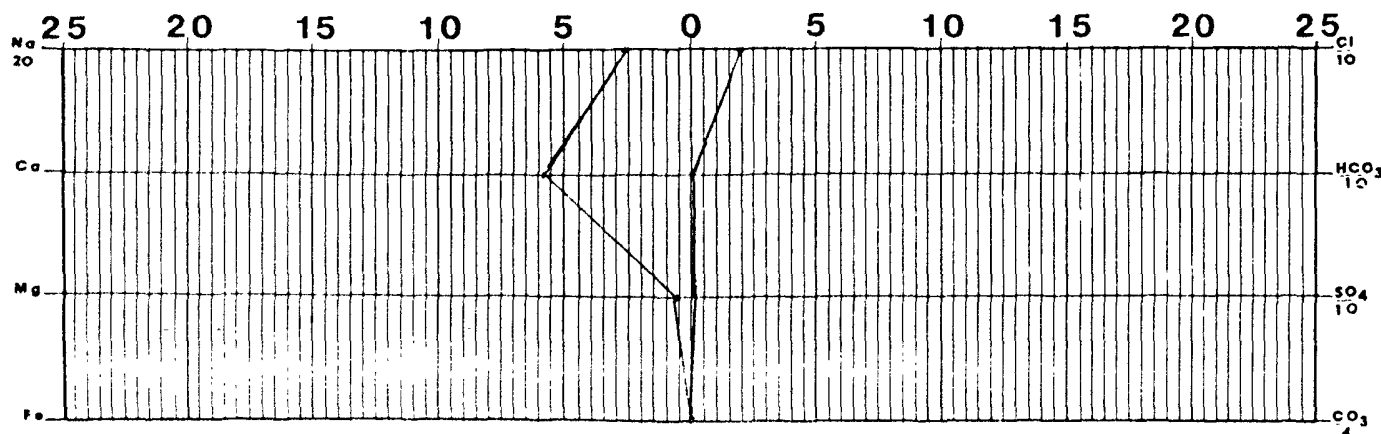
ANIONS

Chloride, Cl	<u>710</u>	<u>30</u>
Sulfate, So ₄	<u>470</u>	<u>9.7</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>220</u>	<u>3.6</u>

Iron, Fe (total)

 Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date <u>07/24/91</u>	Preserved <u>N/O</u>	Date Analyzed <u>07/24/91</u>	Analyzed By <u>ES</u>
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