

583
30-045-2831(2202)W E
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator MERIDIAN Location: Unit K Sec. 12 Twp 31 Rng 9

Name of Well/Wells or Pipeline Serviced NORDHAUS # 715

Elevation 6466 Completion Date 7-23-91 Total Depth 483' Land Type F

Casing Strings, Sizes, Types & Depths 8" PVC CASING 80' DEEP

If Casing Strings are cemented, show amounts & types used 16 BAGS

NEAT CEMENT

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

NO

Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. Fresh AT 210'

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 483' DEEP with
10 BAGS LORESCO SW & 63 BAGS ASBURY FLO COKE 48518

Depths anodes placed: 465, 455, 445, 435, 426, 351, 342, 333, 324, 316, 295, 285

Depths vent pipes placed: 485

Vent pipe perforations: 50' TO 480'

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# 2202 W		P/L NAME (s), NUMBER (s) NORDHAUS #715									
ID # L930	TOTAL	VOLTS 10.96	AMPS 16.4	- OHMS .67	DATE 7-23-91	NAME MRW					
REMARKS (notes for construction log) Set 80' 8" Surface casing, 16 bags cement Drilled 480', Logged 483'. DRILLER SAID H ₂ O AT 210'											

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	
100			295	1.2		490			685			
105			300	.8		495			690			
110			305	.6		500			695			
115			310	.5		505			700			
120			315	1.3		510			ANODE	DEPTH	NO	FULLY
125			320	1.5		515			*		COKE	COK'D
130			325	2.0		520	465		1	465	1.9	4.7
135			330	1.9		525	455		2	458	1.9	4.6
140			335	1.9		530	445		3	448	1.9	4.7
145			340	1.7		535	435		4	439	1.8	4.5
150			345	1.6		540	426		5	430	1.6	3.9
155			350	1.2		545	351		6	422	1.3	4.2
160			355	.9		550	342		7	351	1.7	5.0
65			360	.5		555	333		8	342	2.0	5.5
170	.7		365	.4		560	324		9	333	1.9	4.7
175	.7		370	.4		565	316		10	324	1.5	4.4
180	.7		375	.5		570	295		11	216	1.4	3.5
185	.9		380	.4		575	285		12	240	1.4	3.4
190	1.1		385	.4		580			13			
195	.5		390	.4		585			14			
200	.5		395	.5		590			15			
205	.4		400	.5		595			16			
210	.3		405	.6		600			17			
215	.3		410	.5		605			18			
220	.4		415	.3		610			19			
225	1.0		420	.3		615			20			
230	1.0		425	1.1		620			21			
235	.5		430	1.8		625			22			
240	.4		435	1.8		630			23			
245	.3		440	2.1		635			24			
250	.4		445	1.9		640			25			
255	.5		450	1.8		645			26			
260	.4		455	2.0		650			27			
265	.4		460	1.7		655			28			
270	.9		465	1.8	4	660			29			
275	1.0		470	2.1		665			30			
280	.9		475	2.0		670						
285	1.5		480	482		675						
70	1.5		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

ART WATER ANALYSIS REPORT FORM

 Laboratory No. 25910724-24

2202W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>7/23/91</u>	
Field		Legal Description <u>K1-31-9</u>		County or Parish <u>San Juan</u>	
Lease or Unit		Well <u>NORDHANS 715</u>		State <u>N.M.</u>	
Type of Water (Produced, Supply, etc.) <u>GROUND BED</u>		Depth		Formation <u>FC</u>	
Sampling Point		Water, B/D		Sampled By <u>MRW</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	<u>1300</u>	<u>57</u>
Calcium, Ca	<u>40</u>	<u>2.0</u>
Magnesium, Mg	<u>2.4</u>	<u>0.2</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.1</u>
Specific Gravity, 60/60 F.	<u>1.0044</u>
Resistivity (ohm-meters) <u>72</u> F.	<u>3.7</u>

Total Dissolved Solids (calc.)

3900

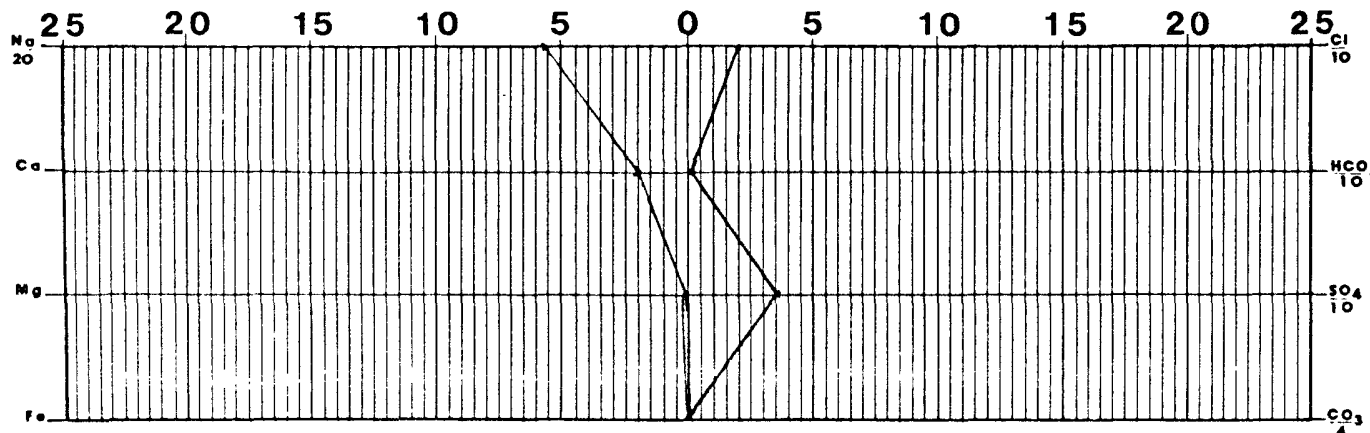
ANIONS

Chloride, Cl	<u>710</u>	<u>20</u>
Sulfate, So ₄	<u>1700</u>	<u>36</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>170</u>	<u>2.8</u>

Iron, Fe (total)

 Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received <u>07/24/91</u>	Preserved <u>no</u>	Date Analyzed <u>07/2/91</u>	Analyzed By <u>EF</u>
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