

706

#4 30-045-10944 E

#714 30-045-27704 6210W

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Location: Unit B Sec. 12 Twp 31 Rng 9Name of Well/Wells or Pipeline Serviced NORDHAUS # 714, # 4Elevation 6500 Completion Date _____ Total Depth _____ Land Type FCasing Strings, Sizes, Types & Depths 1" - 8" 100' DEEPIf Casing Strings are cemented, show amounts & types used 20 BAGSNEAT CEMENT

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

N/ADepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 140' FRESHDepths gas encountered: NOGround bed depth with type & amount of coke breeze used: 385' DEEPwith 53 BAGS ASbury 4518 FLO COKEDepths anodes placed: 364, 354, 344, 334, 324, 315, 285, 275, 265, 255, 245, 170Depths vent pipes placed: 390'Vent pipe perforations: 80' TO BOTTOM

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)					
6210-w	NORDHAUS #714, #4					
*L929	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
		10.88	18.1	.60	7-24-91	MRW
REMARKS (notes for construction log)						
SET 100' 8" PVC SURFACE CASING						
20 SACKS CEMENT. Drilled 385, LOGGED 380, H ₂ O 140'						
53 BAGS COKE Asbury 4518 Flo COKE						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100			295	.4		490			685			
105			300	.3		495			690			
110			305	.3		500			695			
115			310	.4		505			700			
120			315	1.5		510			ANODE	DEPTH	NO	FULLY
125			320	1.6		515			*		COKE	COK'D
130			325	1.6		520			1	364	1.8	4.0
135			330	1.9		525			2	354	1.9	4.1
140	.3		335	1.7		530			3	344	2.0	5.0
145	.3		340	1.9		535			4	334	1.7	4.7
150	.3		345	2.0		540			5	324	1.7	4.4
155	.4		350	2.0		545			6	315	1.6	4.0
160	1.0		355	1.9		550			7	285	1.5	4.2
165	1.7		360	1.8		555			8	275	1.9	4.4
170	1.6		365	1.8		560			9	265	1.8	4.6
175	1.5		370	1.7		565			10	255	1.7	4.3
180	1.4		375	1.8		570			11	245	1.6	3.9
185	.9		380			575			12	170	1.6	4.6
190	.2		385			580			13			
195	.1		390			585			14			
200	.4		395			590			15			
205	.9		400			595			16			
210	1.1		405			600			17			
215	1.2		410			605			18			
220	.8		415			610			19			
225	.4		420			615			20			
230	.3		425			620			21			
235	.9		430			625			22			
240	1.3		435			630			23			
245	1.5		440			635			24			
250	1.5		445			640			25			
255	1.7		450			645			26			
260	1.8		455			650			27			
265	1.9		460			655			28			
270	1.6		465			660			29			
275	1.5		470			665			30			
280	1.5		475			670						
285	1.5		480			675						
290	1.8		485			680						

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

Laboratory No. 25910851-1C

6210 W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>7/24/91</u>	
Field		Legal Description <u>A12-31-9</u>		County or Parish <u>SAN JUAN</u>	
Lease or Unit		Well <u>NORDHALIS # 714</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED</u>		Water, B/D	
		Formation <u>FC</u>		State <u>N.M.</u>	
				Sampled By <u>MIRIN</u>	



TECH, Inc
333 East Main
Farmington
New Mexico
87401
505/327-3311

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>140</u>	<u>6.1</u>
Calcium, Ca	<u>460</u>	<u>23</u>
Magnesium, Mg	<u>150</u>	<u>12</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.4</u>
Specific Gravity, 60/60 F.	<u>1.0044</u>
Resistivity (ohm-meters) <u>63' F.</u>	<u>480</u>

Total Dissolved Solids (calc)

2800.

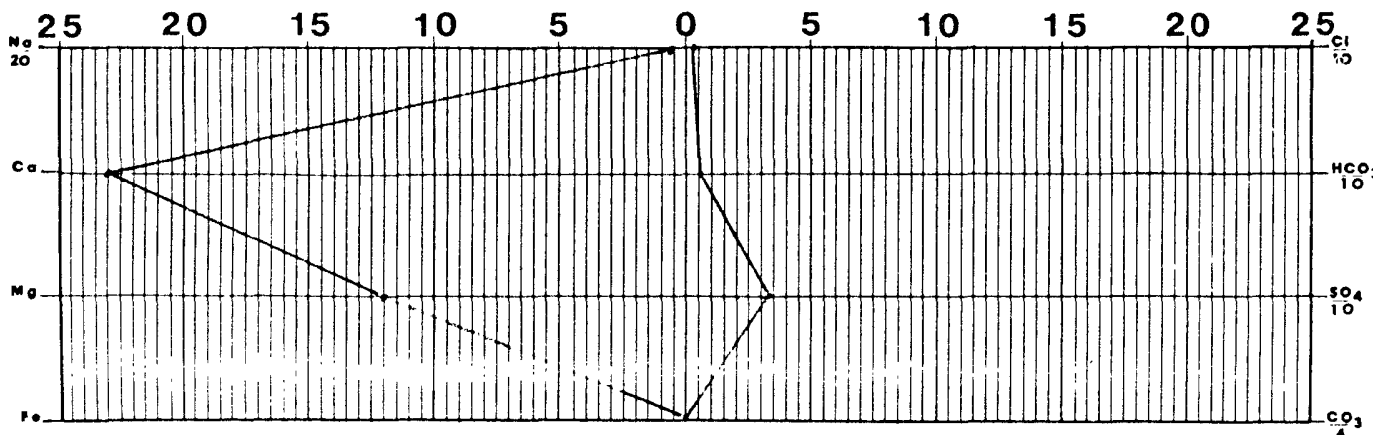
ANIONS

Chloride, Cl	<u>110</u>	<u>3.0</u>
Sulfate, So ₄	<u>1600</u>	<u>33</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>340</u>	<u>5.5</u>

Iron, Fe (total)

Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date F <u>08/01/91</u>	Preserved <u>NO</u>	Date Analyzed <u>08/01/91</u>	Analyzed By <u>EP</u>
---------------------------	------------------------	----------------------------------	--------------------------