

547

30-045-06064

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

943W

Operator Meridian Location: Unit E Sec. 1 Twp 26 Rng 10Name of Well/Wells or Pipeline Serviced HURTAN #108Elevation 6675 Completion Date 12/2/91 Total Depth 360 Land Type FCasing Strings, Sizes, Types & Depths 100' OF 8" PVCIf Casing Strings are cemented, show amounts & types used 24 SACKS
OF CEMENTIf Cement or Bentonite Plugs have been placed, show depths & amounts used
NONEDepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. CLEAR WATER AT 100'Depths gas encountered: NONEGround bed depth with type & amount of coke breeze used: Drilled To 360
Used 21 SACKS OF LORESCO AND 56 SACKS OF ASBURY (#4900)Depths anodes placed: 345, 310, 300, 290, 270, 260, 250, 220, 210, 155, 145, 135Depths vent pipes placed: SURFACE TO 350Vent pipe perforations: BOTTOM 240'

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# 943W	P/L NAME(s), NUMBER(s) Huertano #108					
J * 53053 A+B	TOTAL	VOLTS 13.1	AMPS 29.1	- OHMS .45	DATE 12/2/91	NAME JOHN L. MOSS
REMARKS (notes for construction log)						
Drilled 360. Bottom 240 of Vent Pipe is Perforated						
Driller Reported WATER AT 100'						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE
	ANODE	*		ANODE	*		ANODE	*		ANODE	*
100			295	4.3		490			685		
105			300	3.8	3	495			690		
110			305	3.4		500			695		
115	3.5		310	2.8	2	505			700		
120	4.1		315	2.6		510			ANODE	DEPTH	NO.
125	5.0		320	1.9		515			*	COKE	FULLY
130	4.8		325	1.5		520			1	345	2.3
135	4.3	12	330	1.5		525			2	310	3.2
140	3.9		335	1.7		530			3	300	4.4
145	4.2	11	340	1.8		535			4	290	3.8
150	3.9		345	2.3	1	540			5	270	2.8
155	4.1	10	350	2.4		545			6	260	3.1
160	3.9		355	2.1		550			7	250	4.0
165	3.6		360			555			8	220	4.1
170	3.6		365			560			9	210	4.5
175	3.0		370			565			10	155	4.9
180	2.0		375			570			11	145	5.0
185	2.1		380			575			12	135	5.4
190	2.0		385			580			13		
195	2.0		390			585			14		
200	1.9		395			590			15		
205	3.3		400			595			16		
210	4.2	9	405			600			17		
215	3.7		410			605			18		
220	3.0	8	415			610			19		
225	2.5		420			615			20		
230	2.1		425			620			21		
235	2.0		430			625			22		
240	2.1		435			630			23		
245	2.9		440			635			24		
250	3.3	7	445			640			25		
255	3.0		450			645			26		
260	3.1	6	455			650			27		
265	2.8		460			655			28		
270	2.4	5	465			660			29		
275	2.2		470			665			30		
280	2.1		475			670					
285	3.3		480			675					
290	4.6	4	485			680					

DISTRIBUTION - original - permanent CPS FILE.

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-920103-2A

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>12-2-91</u>	
Field <u>Q43W</u>		Legal Description <u>E-1-26-10</u>		County or Parish <u>San Juan</u>	
Lease or Unit		Well <u>Huerfango # 108</u>		Depth <u>100'</u>	
Type of Water (Produced, Supply, etc.) <u>Produced</u>		Sampling Point <u>Deepwell groundbed</u>		Water, B/D <u>Water Table</u>	
				State <u>NM</u>	
				Sampled By <u>J. L. Moss</u>	



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

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	<u>2,700</u>	<u>120</u>
Calcium, Ca	<u>175</u>	<u>8.75</u>
Magnesium, Mg	<u>7.3</u>	<u>0.6</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.28</u>
Specific Gravity, 60/60 F.	<u>1.0070</u>
Resistivity (ohm-meters) <u>63</u> F.	<u>0.85</u>

Total Dissolved Solids (calc.)

7,700

ANIONS

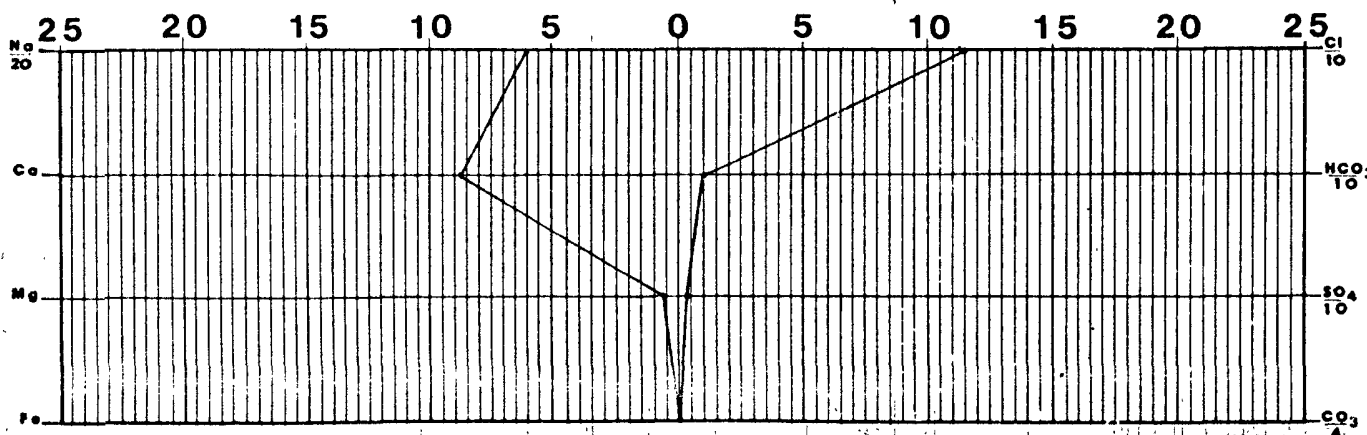
Chloride, Cl	<u>4,080</u>	<u>115</u>
Sulfate, So ₄	<u>160</u>	<u>3.4</u>
Carbonate, CO ₃		
Bicarbonate, HCO ₃	<u>620</u>	<u>10</u>

Iron, Fe (total)

Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:

ATTN: C. W. Donohue



Date Received <u>3rd Jan, 1992</u>	Preserved	Date Analyzed <u>16th Jan, 1992</u>	Analyzed By <u>R. H.</u>
---------------------------------------	-----------	--	-----------------------------