

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

2273W

Operator Meridian Location: Unit A Sec. 18 Twp 31 Rng 9

Name of Well/Wells or Pipeline Serviced SAN JUAN 32-9 #5WDS

Elevation _____ Completion Date 10/17/91 Total Depth 400' Land Type F

Casing Strings, Sizes, Types & Depths Set 100' of 8" PVC

If Casing Strings are cemented, show amounts & types used Used 20
SACKS TO CEMENT

If Cement or Bentonite Plugs have been placed, show depths & amounts used
NONE

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. Driller Reported Hitting WATER AT
120' IT WAS FRESH

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: Drilled TO 400
Used 26 SACKS Lotesco SW AND 62 SACKS Asbury (5700*)

Depths anodes placed: 390, 335, 325, 315, 265, 255, 245, 235, 225, 215, 205, + 130

Depths vent pipes placed: SURFACE TO 400'

Vent pipe perforations: BOTTOM 260'

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)					
2273W	SAN JUAN 32-9 #SWD5					
* K969	TOTAL	VOLTS	AMPS	= OHMS	DATE	NAME
		11.7	18.8	.62	10/17/91	JOHN L. MOSS
REMARKS (notes for construction log)						
Driller Reported WATER AT 120'						
1" VENT Pipe WAS INSTALLED, WITH THE BOTTOM 260' Perforated.						
DEPTH Drilled 400'						

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	1.4		500			695			
115			310	1.7		505			700			
120	2.9		315	2.4	4	510			ANODE	DEPTH	NO	FULLY
125	2.9		320	2.4		515			*		COKE	COK'D
130	2.8	12	325	2.4	3	520			1	390	1.9	2.8
135	2.1		330	2.3		525			2	335	2.1	3.8
140	1.8		335	2.1	2	530			3	325	2.4	4.4
145	2.0		340	1.7		535			4	315	2.3	4.3
150	.9		345	1.4		540			5	265	2.3	4.5
155	.9		350	1.2		545			6	255	2.7	5.5
160	.9		355	1.1		550			7	245	3.0	5.7
165	1.2		360	1.1		555			8	235	2.1	4.9
170	1.4		365	1.0		560			9	225	2.5	5.0
175	1.2		370	1.0		565			10	215	2.2	6.0
180	1.1		375	.9		570			11	205	2.6	4.7
185	.9		380	.9		575			12	130	2.6	5.1
190	.9		385	1.7		580			13			
195	1.2		390	1.9		585			14			
200	2.2		395	1.6		590			15			
205	2.6	11	400			595			16			
210	2.8		405			600			17			
215	3.1	10	410			605			18			
220	2.9		415			610			19			
225	2.4	9	420			615			20			
230	2.2		425			620			21			
235	2.2	8	430			625			22			
240	2.9		435			630			23			
245	3.0	7	440			635			24			
250	3.0		445			640			25			
255	2.8	6	450			645			26			
260	2.4		455			650			27			
265	2.1	5	460			655			28			
270	1.6		465			660			29			
275	1.1		470			665			30			
280	.9		475			670						
285	.8		480			675						
	.8		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-91108-10

Company <u>MERIDIAN</u>		Sample No.		Date Sampled <u>10-17-91</u>	
Field <u>2273W</u>		Legal Description <u>N-18-31-9</u>		County or Parish <u>San Juan</u>	
Lease or Unit <u>SAN JUAN 32-9</u>		Well <u>270.77</u> <u>SUNDS</u>		Depth <u>120'</u>	
Type of Water (Produced, Supply, etc.) <u>Produced</u>		Sampling Point		Water, B/D	
				Formation <u>Wicks Table</u>	
				Sampled By <u>J. L. Moss</u>	



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

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc)	<u>3,270</u>	<u>142</u>
Calcium, Ca	<u>19.32.1</u>	<u>1.6</u>
Magnesium, Mg	<u>18.2</u>	<u>1.5</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.54</u>
Specific Gravity, 60/60 F.	<u>1.007</u>
Resistivity (ohm-meters) <u>68</u> F.	<u>1.25</u>

Total Dissolved Solids (calc)

11,100

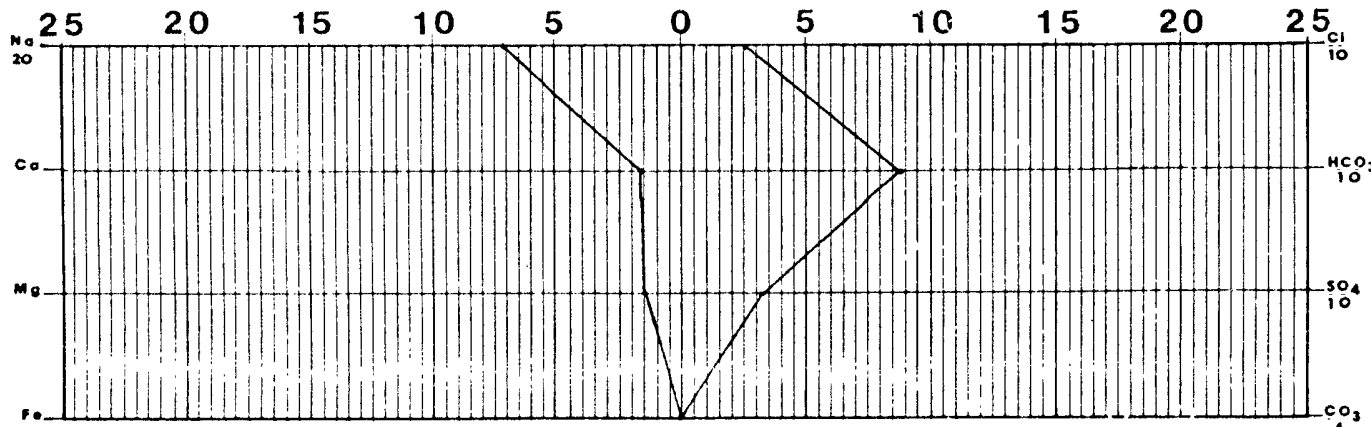
ANIONS

Chloride, Cl	<u>87.5</u>	<u>25.2</u>
Sulfate, SO_4	<u>1,540</u>	<u>32.1</u>
Carbonate, CO_3		
Bicarbonate, HCO_3	<u>5,310</u>	<u>88</u>

Iron, Fe (total)
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS

ATTN: C. W. Donohue



Date Received <u>8th Nov, 1991.</u>	Preserved	Date Analyzed <u>26th Dec, 1991.</u>	Analyzed By <u>R. H.</u>
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