

566 41-30-039-07208 222-30-039-21884 E
466-30-039-25005 151-30-039-20317
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO 1184W

Operator Meridian Location: Unit H Sec 34 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 # 466, #41
222, #151

Elevation Completion Date 8-29-91 Total Depth 400 Land Type F

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

If Casing Strings are cemented, show amounts & types used YES, with
22 SACKS 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. 190' FRESH

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 400 with
113 bags Asbury 4518 Flo COKE

Depths anodes placed: 325, 315, 305, 295, 285, 265, 255, 245, 235, 225, 205, 190

Depths vent pipes placed: 400'

Vent pipe perforations: bottom 280'

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# 1184-4	P/L NAME(s), NUMBER(s) S J 28-6 #466, 41, 151, 222					
WO # m570	TOTAL	VOLTS 12.15	AMPS 20.4	- OHMS 59	DATE 8-27-91	NAME MKC
REMARKS (notes for construction log)						
100'-8" SURFACE CASING 22 SACK						
120 180 & 100' perforated bottom 280'						
113 Asbury						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100			295	1.9		490			685			
105			300	1.7-		495			690			
110	3.3		305	1.7		500			695			
115	3.3		310	2.6-		505			700			
120	2.9		315	2.6		510			ANODE	DEPTH	NO	FULLY
125	3.1		320	2.4		515			#	COKE	COKE	D
130	3.1		325	1.6		520			1	325	2.5	10.7
135	2.9		330	1.2		525			2	315	2.8	6.7
140	3.1		335	1.1		530			3	305	1.9	6.2
145	1.6		340	1.0		535			4	295	1.9	5.2
150	.9		345	.8		540			5	285	1.8	5.5
155	.6		350	.7		545			6	265	1.8	5.3
160	.5		355	.9		550			7	255	2.1	5.6
165	.6		360	.9		555			8	245	2.2	5.8
170	1.0		365	.9		560			9	235	2.8	6.5
175	.6		370	1.1		565			10	225	2.5	5.8
180	.6		375	1.4		570			11	205	2.1	4.9
185	1.3		380	.9		575			12	190	2.0	4.5
190	2.0-		385	1.0		580			13			
195	1.6		390	1.0		585			14			
200	1.7		395	1.0	400	590			15			
205	2.1-		400			595			16			
210	1.3		405			600			17			
215	1.0		410			605			18			
220	1.1		415			610			19			
225	2.4		420			615			20			
230	3.0-		425			620			21			
235	2.7		430			625			22			
240	2.2-		435			630			23			
245	2.1		440			635			24			
250	2.1-		445			640			25			
255	2.0		450			645			26			
260	2.1-		455			650			27			
265	1.6		460			655			28			
270	1.3		465			660			29			
275	1.3		470			665			30			
280	1.3		475			670						
285	1.7		480			675						
290	1.9-		485			680						

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

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910830-16

Company <u>MERIDIAN OIL</u>		Sample No. <u>1184W</u>		Date Sampled <u>8/29/91</u>	
Field		Legal Description <u>H34-28-6</u>		County or Parish <u>Rio Arriba</u>	
Lease or Unit		Well <u>SJ28-6 #466</u>		Depth	
Type of Water (Produced, Supply, etc.)		Formation <u>FC</u>		Water, B/D	
Sampling Point <u>GROUND BED 180'</u>		Sampled By <u>MRLW</u>			



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

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>770</u>	<u>33</u>
Calcium, Ca	<u>310</u>	<u>16</u>
Magnesium, Mg	<u>2.4</u>	<u>0.2</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.9</u>
Specific Gravity, 60/60 F.	<u>1.0037</u>
Resistivity (ohm-meters) <u>70'</u> F.	<u>3.15</u>

Total Dissolved Solids (calc.)

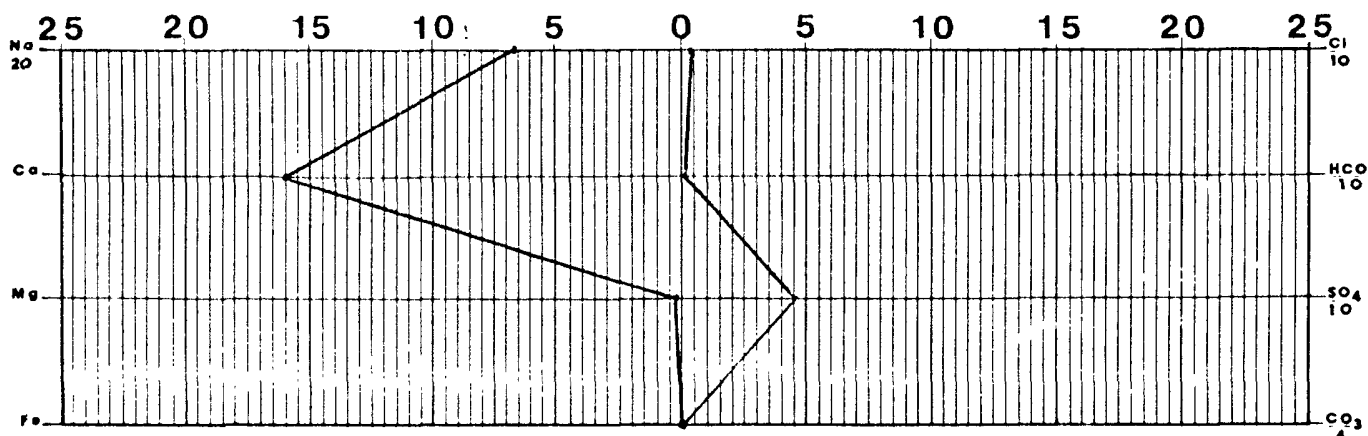
3400.

ANIONS

Chloride, Cl	<u>120</u>	<u>3.5</u>
Sulfate, SO_4	<u>2100</u>	<u>45</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>61</u>	<u>1.0</u>

Iron, Fe (total)
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>8/30/91</u>	Preserved <u>NO</u>	Date Analyzed <u>8/31/91</u>	Analyzed By <u>ES</u>
---------------------------------	------------------------	---------------------------------	--------------------------