

584
30-045-27577 220 3W E
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Location: Unit G Sec. 24 Twp 32 Rng 10

Name of Well/Wells or Pipeline Served SAN JUAN 32-9 #104,
#67

Elevation 6805' Completion Date 7-17-91 Total Depth _____ Land Type F

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

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

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

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 80' Fresh

Depths gas encountered: N/A

Ground bed depth with type & amount of coke breeze used: 380' DEEP
53 BAGS OF 4518 FLO COKE (Asbury)

Depths anodes placed: 360, 349, 340, 331, 264, 255, 245, 235, 215, 165, 1

Depths vent pipes placed: 380'

Vent pipe perforations: 80' TO 380'

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# 2203-a	P/L NAME(s), NUMBER(s) SAN JUAN 32-9 #104, #67					
ID # L274	TOTAL	VOLTS 11.12	AMPS 17.8	= OHMS .62	DATE 7-17-91	NAME MRW

REMARKS (notes for construction log)

SET 80' 8" SURFACE PVC CASING, H₂O AT 80'

DRILLED 380' LOGGED 380'

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100	2.1		295	1.2		490			685			
105	2.4		300	.7		495			690			
110	2.4		305	.9		500			695			
115	2.7		310	1.0		505			700			
120	1.9		315	1.2		510			ANODE	DEPTH	NO	FULLY
125	3.4		320	1.6		515			*		COKE	COK'D
130	3.8		325	2.1		520			1	360	3.4	5.0
135	3.8		330	2.5	⑥	525			2	349	2.4	4.5
140	3.5		335	2.8		530			3	340	2.9	5.0
145	2.8	12	340	2.8	⑥	535			4	331	2.7	4.7
150	2.5		345	2.6		540			5	264	2.2	3.9
155	3.0	11	350	2.2	⑥	545			6	255	2.3	3.9
160	2.9		355	2.2		550			7	245	2.5	4.2
65	2.7	10	360	3.4	10	555			8	235	2.7	4.3
170	1.3		365	2.8		560			9	215	2.1	3.6
175	1.0		370	2.9		565			10	165	2.8	5.3
180	1.1		375	2.7		570			11	155	3.0	5.6
185	1.2		380	1.9		575			12	145	3.2	5.7
190	.9		385			580			13			
195	.6		390			585			14			
200	.6		395			590			15			
205	1.1		400			595			16			
210	2.0		405			600			17			
215	2.1	9	410			605			18			
220	1.7		415			610			19			
225	1.3		420			615			20			
230	1.4		425			620			21			
235	2.6	8	430			625			22			
240	2.6		435			630			23			
245	2.5	7	440			635			24			
250	2.9		445			640			25			
255	2.3	6	450			645			26			
260	2.3		455			650			27			
265	2.0	5	460			655			28			
270	1.5		465			660			29			
275	1.1		470			665			30			
280	.9		475			670						
285	1.4		480			675						
10	1.7		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910724-21

2203W

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>7/17/91</u>	
Field		Legal Description <u>B24-32-10</u>		County or Parish <u>San Juan</u>	
State <u>N.M.</u>		Lease or Unit		Well <u>SJ 32-9 #104</u>	
Depth		Formation <u>FC</u>		Water, B/D	
Type of Water (Produced, Supply, etc.) <u>GROUND BED</u>			Sampling Point		Sampled By <u>MRW</u>

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>3000</u>	<u>130</u>
Calcium, Ca	<u>24</u>	<u>1.2</u>
Magnesium, Mg	<u>17</u>	<u>1.4</u>
Barium, Ba		

ANIONS

Chloride, Cl	<u>1400</u>	<u>40</u>
Sulfate, SO_4	<u>1030</u>	<u>21</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>4100</u>	<u>67</u>

OTHER PROPERTIES

pH	<u>8.0</u>
Specific Gravity, 60/60 F.	<u>1.0089</u>
Resistivity (ohm-meters) <u>72' F.</u>	<u>1.0</u>

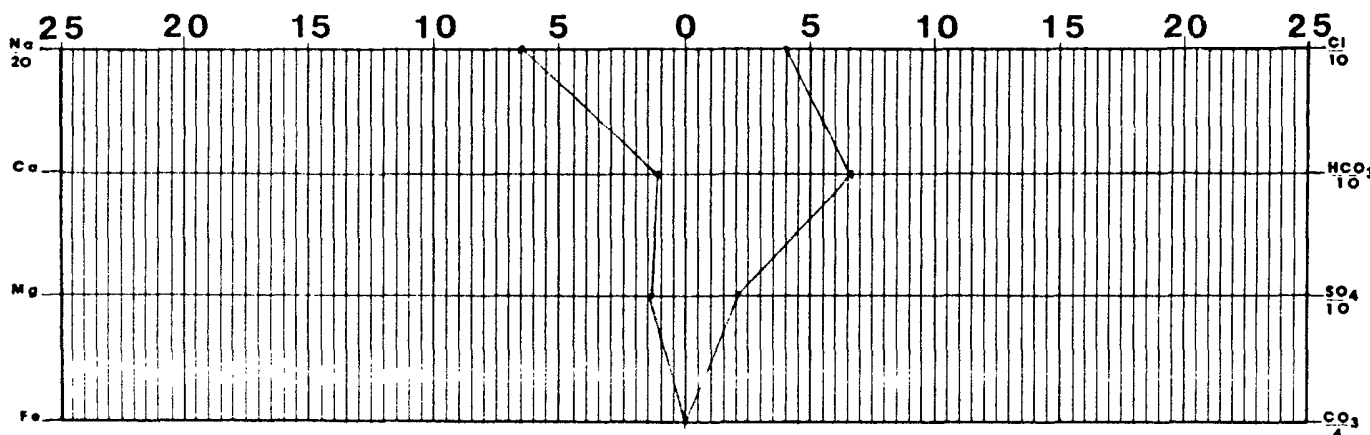
Total Dissolved Solids (calc.)

9600

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>07/24/91</u>	Preserved <u>N/O</u>	Date Analyzed <u>07/27/91</u>	Analyzed By <u>EB</u>
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