

202 - 30-039-24517

16 - 30-039-07439

04 - 30-039-20360

1119W

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

Operator Meridian Location: Unit G Sec. 16 Twp 28 Rng 5

Name of Well/Wells or Pipeline Served SAN JUAN 28-S #202,

#84, #16

Elevation 6597 Completion Date 8-26-91 Total Depth 403 Land Type F

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

8"

If Casing Strings are cemented, show amounts & types used Yes with

21 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. FRESH 120' DEEP

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 403' DEEP

with 118 BAGS Asbury F10 COKE 4518

Depths anodes placed: 365, 355, 340, 305, 255, 245, 235, 185, 175, 165, 155, 145

Depths vent pipes placed: 403'

Vent pipe perforations: BOTTOM 300'

RECEIVED

Remarks: 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# 1119-W	P/L NAME(s), NUMBER(s) S J. 28-5 #202 5416					
* TOTAL	VOLTS 12.06	AMPS 23.7	OHMS .51	DATE 8-26-91	NAME M. Reed	
REMARKS (notes for construction log)						
100' 8" 20 SACKS						
H₂O 120' perforated bottom 300'						
118 Ashbury Drilled 405, LOGGED 403						
75 2.7						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100	2.2		295	1.1		490			685			
105	2.2		300	2.1		495			690			
110	2.9		305	2.6		500			695			
115	2.7		310	2.2		505			700			
120	1.5		315	1.7		510			ANODE	DEPTH	NO.	FULLY
125	1.0		320	1.6		515			*		COKE	COK'D
130	.7		325	1.6		520			1	365	2.7	6.3
135	1.5		330	1.6		525			2	355	2.7	6.4
140	2.8		335	2.0		530			3	340	2.1	5.5
145	3.5		340	2.1		535			4	305	2.6	4.9
150	3.8		345	2.0		540			5	255	2.2	4.4
155	3.5		350	2.4		545			6	245	2.9	6.4
160	3.6		355	2.5		550			7	235	2.7	6.4
165	3.5		360	2.6		555			8	185	2.9	6.1
170	3.4		365	2.7		560			9	175	3.0	6.9
175	3.0		370	1.9		565			10	165	3.6	8.1
180	3.3		375	1.5		570			11	155	3.4	8.9
185	2.9		380	1.5		575			12	145	3.5	8.4
190	2.3		385	1.6		580			13			
195	1.3		390	1.9		585			14			
200	.7		395	1.2		590			15			
205	.4		400	403	TD	595			16			
210	.4		405			600			17			
215	.4		410			605			18			
220	.7		415			610			19			
225	2.2		420			615			20			
230	2.1		425			620			21			
235	2.3		430			625			22			
240	3.1		435			630			23			
245	2.9		440			635			24			
250	2.1		445			640			25			
255	2.3		450			645			26			
260	1.7		455			650			27			
265	.7		460			655			28			
270	.4		465			660			29			
275	.3		470			665			30			
280	.3		475			670						
285	.2		480			675						
290	.5		485			680						

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

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910830-1J

Company <u>MERIDIAN OIL</u>		Sample No. <u>1119W</u>		Date Sampled <u>8/26/91</u>	
Field		Legal Description <u>H16-28-5</u>		County or Parish <u>Rio Arriba</u>	
Lease or Unit		Well <u>5528-5 #202</u>		State <u>N.M.</u>	
Type of Water (Produced, Supply, etc.)		Depth		Formation <u>FC</u>	
Sampling Point <u>GROUND BED 100'</u>		Water, B/D		Sampled By <u>MRW</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>360</u>	<u>16</u>
Calcium, Ca	<u>6.0</u>	<u>0.3</u>
Magnesium, Mg	<u>1.2</u>	<u>0.1</u>
Barium, Ba		

OTHER PROPERTIES

pH

Specific Gravity, 60/60 F.

Resistivity (ohm-meters) 70 F.

9.1
1.0025
13.0

Total Dissolved Solids (calc.)

1200.

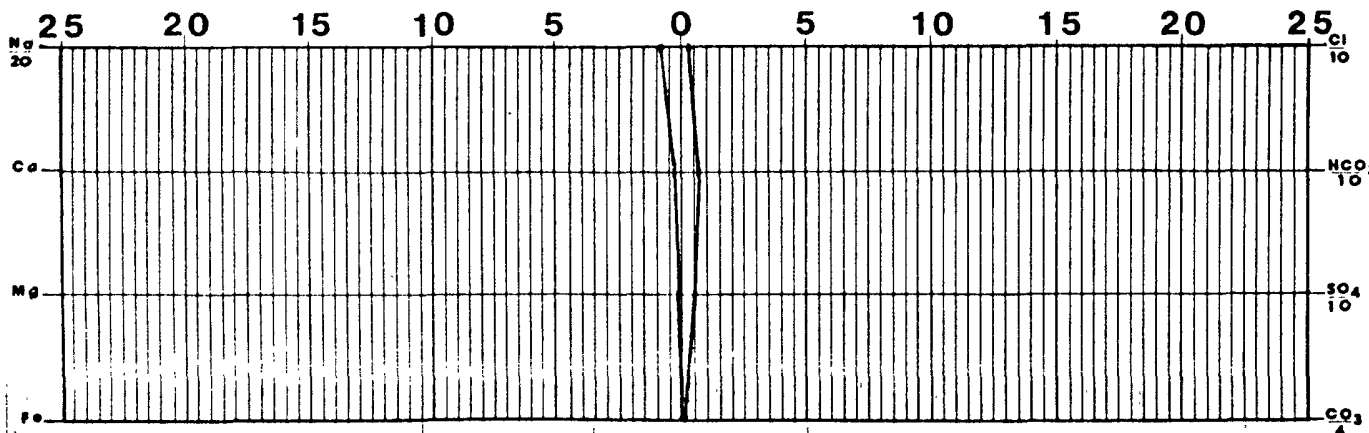
ANIONS

Chloride, Cl	<u>110</u>	<u>3.0</u>
Sulfate, SO_4	<u>260</u>	<u>5.4</u>
Carbonate, CO_3	<u>12</u>	<u>0.4</u>
Bicarbonate, HCO_3	<u>440</u>	<u>7.2</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>
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