

601
30-039-24588 2277W
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator MERIDIAN Location: Unit K Sec. 12 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced S. J 28-6 #403

Elevation 6505 Completion Date 8-24-91 Total Depth 359 Land Type F

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

80' DEEP

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

20 SACKS 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 80'

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 359' DEEP

with 105 50lb bags of Asbury 4518 Flo COKE

Depths anodes placed: 308, 299, 290, 282, 195, 185, 172, 151, 141, 131, 121, 112

Depths vent pipes placed: 359'

Vent 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#	P/L NAME(s), NUMBER(s)					
2277	S.J. 28-6 #403					
* JISS	TOTAL	VOLTS	AMPS	- OHMS	DATE	NAME
		11.72	21.5	.545	8-24-91	MRW
REMARKS (notes for construction log)						
80' 8" 20 SACKS CEMENT						
H ₂ O 80' CAUGHT sample perforated bottom 240'						
80	2.4					
5	3.0	6505	105	BAGS		
90	2.4					
5	2.0					

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	*		ANODE	*		ANODE	*		ANODE	*	
100	1.6		295	2.5		490			685			
105	1.3		300	2.2		495			690			
110	1.7		305	2.2		500			695			
115	2.3		310	1.6		505			700			
120	2.7		315	1.0		510			ANODE	DEPTH	NO	FULLY
125	2.3		320	1.2		515			*		COKE	COK'D
130	3.0		325	1.1		520			1	308	2.1	5.2
135	3.3		330	1.1		525			2	299	2.2	5.6
140	3.2		335	1.1		530			3	290	2.2	6.2
145	3.2		340	1.0		535			4	282	2.0	5.8
150	2.2		345	1.6		540			5	195	2.0	5.0
155	1.6		350	1.9		545		185	6	186	2.1	5.3
160	1.2		355	2.2		550		170	7	175	2.1	5.3
165	1.9		360	3.59	TD	555			8	150	2.2	6.1
170	2.1		365			560			9	140	3.2	7.8
175	1.8		370			565			10	130	3.2	8.3
180	1.8		375			570			11	120	2.7	6.9
185	2.0		380			575			12	112	2.2	5.8
190	1.8		385			580			13			
195	2.0		390			585			14			
200	1.2		395			590			15			
205	1.0		400			595			16			
210	1.9		405			600			17			
215	1.9		410			605			18			
220	1.7		415			610			19			
225	1.6		420			615			20			
230	1.6		425			620			21			
235	1.6		430			625			22			
240	1.6		435			630			23			
245	1.7		440			635			24			
250	1.8		445			640			25			
255	1.8		450			645			26			
260	1.3		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						
5	2.6		480			675						
10	2.2		485			680						

DISTRIBUTION - original - permanent CPS FILE

copy - Division Corrosion Supervisor

copy - Region Corrosion Specialist

API WATER ANALYSIS REPC FORM

Laboratory No 25712830-1H

Company <u>MERIDIAN OIL</u>		Sample No. <u>2277W</u>		Date Sampled <u>8/24/91</u>	
Field		Legal Description <u>K12-28-6</u>		County or Parish <u>Rio Arriba</u>	
Lease or Unit		Well <u>5J 28-6 #403</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED 80'</u>		Water, B/D	
				Formation <u>FC</u>	
				State <u>N.M.</u>	
				Sampled By <u>M.R.W.</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	<u>1200</u>	<u>50</u>
Calcium, Ca	<u>36</u>	<u>1.8</u>
Magnesium, Mg	<u>4.9</u>	<u>0.4</u>
Barium, Ba		

OTHER PROPERTIES

pH 7.8
 Specific Gravity, 60/60 F. 1.0038
 Resistivity (ohm-meters) 70' F. 2.70

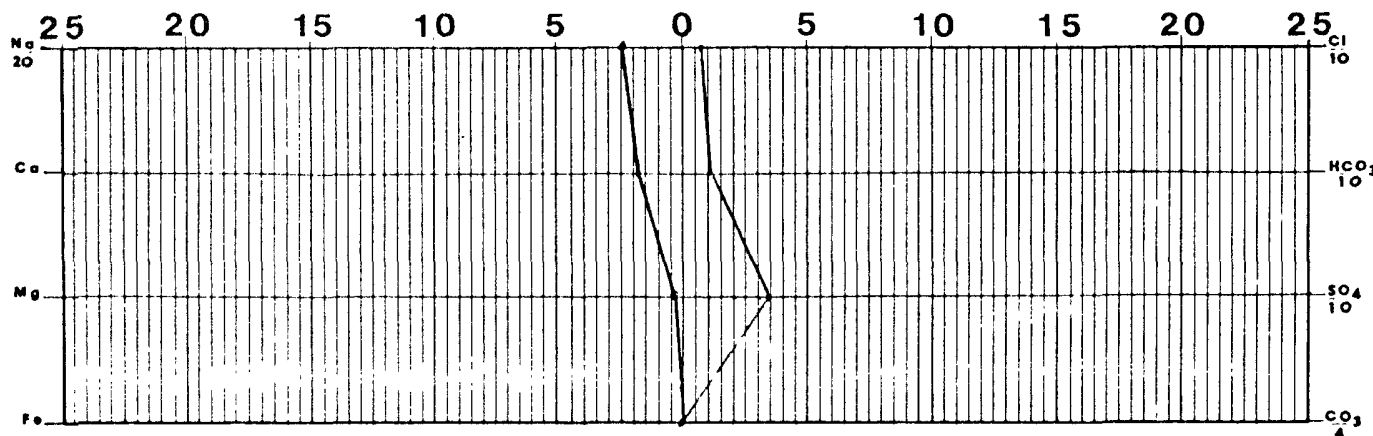
Total Dissolved Solids (calc) 3900.

ANIONS

Chloride, Cl	<u>270</u>	<u>7.5</u>
Sulfate, SO_4	<u>1700</u>	<u>34</u>
Carbonate, CO_3	<u>0</u>	<u>0</u>
Bicarbonate, HCO_3	<u>700</u>	<u>11</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>[Signature]</u>
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