

532

491-30-039-24869
68-30-039-07753

0195W

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Location: Unit M Sec. 25 Twp 30 Rng 6Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 #491, #68Elevation 2763 Completion Date 8-15-91 Total Depth 405 Land Type FCasing Strings, Sizes, Types & Depths 8" PVC SURFACE CASING 80'DEEPIf Casing Strings are cemented, show amounts & types used Yes 18 SACKSNEAT CEMENT

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

NODepths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. Fresh 90'Depths gas encountered: NOGround bed depth with type & amount of coke breeze used: 405' DEEPwith 28 bags Loresen Type SW (100 lb) + 44 Asbest 4518 Flo CokeDepths anodes placed: 385, 375, 365, 355, 345, 335, 325, 315, 300, 190, 180, 170Depths vent pipes placed: 405'Vent pipe perforations: bottom 320

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

JOB # 195-W	P/L NAME(s), NUMBER(s) S-J 30-6 #491, #68					
WO. # L708	TOTAL	VOLTS 2.07	AMPS 22.8	- OHMS 53	DATE 8-15-91	NAME MEW
REMARKS (notes for construction log) 80' 8" PVC CASING 18 BAGS CEMENT						
H ₂ O 90' Drilled 405 Logged 405 Perforated 320'						
in .8 3842 (100 lb) bags horse shoe Type SW						
95 1.3 44 ASbury 4518 Fib Cond						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100	1.7		295	1.0		490			685			
105	3.1		300	1.0		495			690			
110	3.8		305	1.3		500			695			
115	3.9		310	2.9		505			700			
120	3.8		315	3.4		510			ANODE	DEPTH	NO	FULLY
125	3.4		320	3.3		515			*		COKE	COKE D
130	2.4		325	3.5		520			1	385	3.4	5.6
135	1.4		330	3.6		525			2	375	3.4	5.5
140	1.0		335	3.6		530			3	365	3.1	5.7
145	.9		340	3.5		535			4	355	3.8	6.3
150	.7		345	3.5		540			5	345	3.5	6.1
15	1.0		350	3.4		545			6	335	3.7	5.9
160	1.3		355	3.8		550			7	325	3.7	5.9
165	2.5		360	3.5		555			8	315	3.4	5.3
170	3.6		365	3.2		560			9	250	3.6	5.4
175	3.6		370	3.2		565			10	190	3.2	6.2
180	3.6		375	3.3		570			11	180	3.6	6.7
185	3.4		380	3.7		575			12	170	3.7	6.1
190	3.1		385	3.4		580			13			
195	2.4		390	3.4		585			14			
200	2.1		395	3.3		590			15			
205	1.6		400	3.4		595			16			
210	1.4		405	TD	405	600			17			
215	1.2		410			605			18			
220	1.6		415			610			19			
225	1.6		420			615			20			
230	1.2		425			620			21			
235	1.2		430			625			22			
240	2.0		435			630			23			
245	2.7		440			635			24			
250	3.6		445			640			25			
255	3.0		450			645			26			
260	2.7		455			650			27			
265	2.4		460			655			28			
270	2.4		465			660			29			
275	3.6		470			665			30			
280	1.9		475			670						
285	1.3		480			675						
290	1.0		485			680						

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

API WATER ANALYSIS REPORT FORM

Laboratory No. 25910816-1D

01952

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>8-15-91</u>	
Field		Legal Description <u>M25-30-6</u>		County or Parish <u>RIO ARRIBA</u> State <u>N.M.</u>	
Lease or Unit		Well <u>SJ 30-6 #491</u>		Depth <u>FC</u>	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED 90'</u>		Water, B/D <u>MRW</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>6200</u>	<u>270</u>
Calcium, Ca	<u>8.0</u>	<u>0.4</u>
Magnesium, Mg	<u>17</u>	<u>1.4</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.8</u>
Specific Gravity, 60/60 F.	<u>1.0167</u>
Resistivity (ohm-meters) <u>74°F.</u>	<u>0.49</u>

Total Dissolved Solids (calc.)

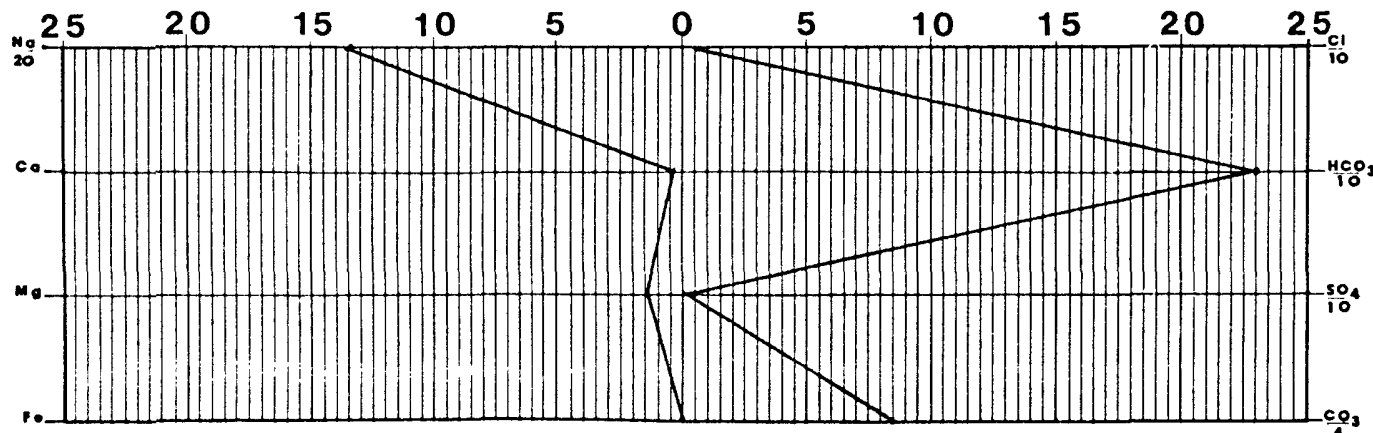
21,000

ANIONS

Chloride, Cl	<u>210</u>	<u>5.8</u>
Sulfate, SO_4	<u>10</u>	<u>0.2</u>
Carbonate, CO_3	<u>1000</u>	<u>34</u>
Bicarbonate, HCO_3	<u>14000</u>	<u>230</u>

Iron, Fe (total)
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>08/16/91</u>	Preserved <u>AK</u>	Date Analyzed <u>08/11/91</u>	Analyzed By <u>EQ</u>
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