

617
30-039-24802
E
2239W
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Location: Unit # Sec. 3 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced S-J. 29-7 # 533

Elevation 6822 Completion Date 8-13-91 Total Depth 505 Land Type F

Casing Strings, Sizes, Types & Depths 8" Surface casing

100' DEEP

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

20 BAGS 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 150'

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 505' DEEP WITH

65 BAGS Asbury 4518 Flo-COKE (50lb) + 40 BAGS of Loresco Type SW (100lb)

Depths anodes placed: 480, 470, 449, 440, 430, 420, 410, 370, 280, 270, 260, 250

Depths vent pipes placed: 505

Vent pipe perforations: bottom 400'

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# 2239	P/L NAME(s), NUMBER(s) S.J. 24.7 #533					
* K448	TOTAL 1208	VOLTS 1208	AMPS 22.3	- OHMS 54	DATE 8-13-91	NAME MRW
REMARKS (notes for construction log) 100' 8" PVC 20 sacks H ₂ O 150'						
65 bags Ashbury 50lb 4518, & 40 bags Loreasco Type SW (100lb)						
Drilled 505' Logged 505' Estimated bottom 400'						

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100			295	2.3		490	2.6		685			
105			300	1.8		495	2.7		690			
110			305	1.3		500	2.6		695			
115			310	1.1		505	TD	505	700			
120			315	1.9		510			ANODE	DEPTH	NO	FULLY
125			320	.8		515			#		COKE	COK'D
130			325	.8		520			1	480	3.2	4.4
135			330	.8		525			2	470	2.8	5.4
140			335	.8		530		449	3	448	2.7	5.2
145			340	.8		535		440	4	439	3.5	5.5
150			345	.9		540			5	430	3.2	5.2
155			350	1.3		545			6	420	3.7	5.5
160	.7		355	1.5		550			7	410	2.8	4.5
165	1.8		360	1.8		555			8	370	3.4	4.9
170	2.1		365	2.6		560			9	280	3.6	6.7
175	1.7		370	3.4		565			10	270	3.3	6.7
180	1.8		375	2.9		570			11	260	3.0	6.0
185	1.7		380	2.5		575			12	250	3.3	6.3
190	1.7		385	2.6		580			13			
195	1.1		390	2.5		585			14			
200	1.2		395	2.1		590			15			
205	1.5		400	2.0		595			16			
210	1.5		405	2.3		600			17			
215	1.5		410	2.7		605			18			
220	1.8		415	2.9		610			19			
225	1.9		420	3.5		615			20			
230	2.1		425	3.6		620			21			
235	2.6		430	3.3		625			22			
240	2.7		435	3.2		630			23			
245	2.9		440	3.5		635			24			
250	3.2		445	3.1		640			25			
255	3.4		450	2.7		645			26			
260	2.9		455	2.4		650			27			
265	2.7		460	2.5		655			28			
270	3.1		465	2.6		660			29			
275	3.4		470	2.8		665			30			
280	3.6		475	2.8		670						
285	2.7		480	3.2		675						
290	2.3		485	2.8		680						

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

API WATER ANALYSIS REPORT FORM

Laboratory No

25910816-1B

Company MERIDIAN OIL		Sample No. 2239W	Date Sampled 8/13/91
Field	Legal Description H3-29-7	County or Parish SAN JUAN	State N.M.
Lease or Unit	Well 5529-7 #533	Depth	Formation FC
Type of Water (Produced, Supply, etc.) GROUND BED 150'		Sampling Point GROUND BED 150'	Water, B/D MRW

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>7600</u>	<u>330</u>
Calcium, Ca	<u>8.0</u>	<u>0.4</u>
Magnesium, Mg	<u>18</u>	<u>1.5</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.7</u>
Specific Gravity, 60/60 F.	<u>1.0179</u>
Resistivity (ohm-meters) <u>74° F.</u>	<u>0.49</u>

Total Dissolved Solids (calc.)

26,000

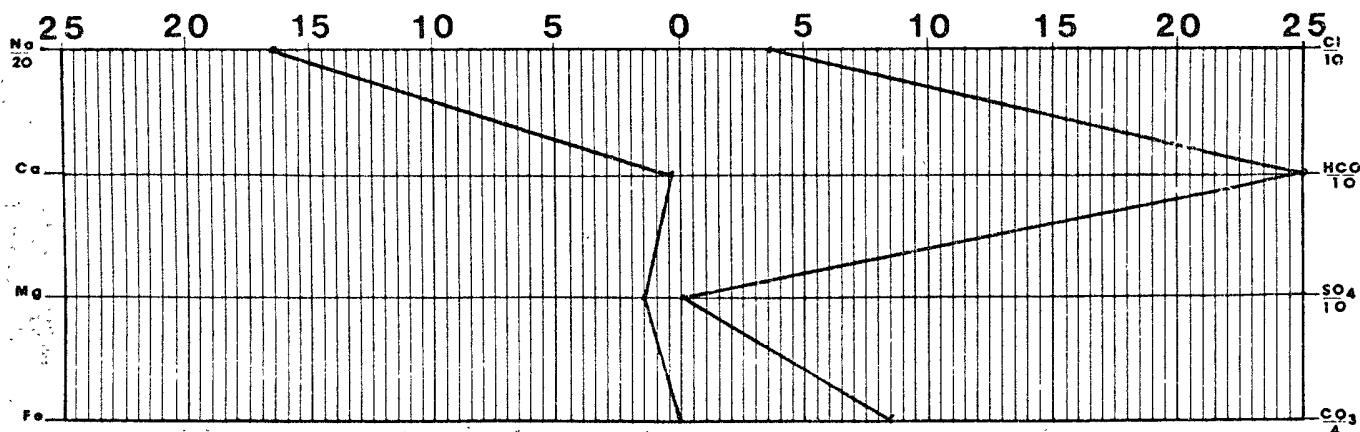
ANIONS

Chloride, Cl	<u>1300</u>	<u>36</u>
Sulfate, SO ₄	<u>57</u>	<u>1.2</u>
Carbonate, CO ₃	<u>1000</u>	<u>34</u>
Bicarbonate, HCO ₃	<u>16000</u>	<u>260</u>

Iron, Fe (total)

 Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received 08/16/91	Preserved NO	Date Analyzed 08/16/91	Analyzed By ES
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87401

505/327-3311