

30-30-039-07339
148-30-039-20307
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO 1170W

Operator Meridian Location: Unit B Sec. 28 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced S.J. 28-6 # 30 # 148

Elevation 6455 Completion Date 8-22-91 Total Depth _____ Land Type F

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

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

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 64 BAGS (100 lb)
Loresca Type SW

Depths anodes placed: 420, 410, 395, 385, 375, 365, 355, 345, 335, 325, 315, 305

Depths vent pipes placed: 465'

Vent pipe perforations: bottom 360'

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)				
1170-W	S.J. 28-6 #30, #148 (437)				
*	TOTAL	VOLTS	AMPS	- OHMS	DATE
		12.42	17.7	.70	8-22-91
					NAME
					MRW
REMARKS (notes for construction log)					
100' 8" PVC 20 bags cement					
Drilled 465 LOGGED 465 H ₂ O 260' CAUGHT SAMPLE					
64 bags barresco perforated bottom 360'					

DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	DEPTH	LOG	ANODE	
	ANODE	#		ANODE	#		ANODE	#		ANODE	#	
100			295	1.3		490			685			
105			300	2.3		495			690			
110			305	2.6	12	500			695			
115			310	1.9		505			700			
120			315	2.0	11	510			ANODE	DEPTH	NO	FULLY
125			320	2.2		515			#		COKE	COK'D
130			325	2.1	10	520			1	420	1.8	39
135			330	2.2		525			2	410	2.0	4.2
140			335	1.9	9	530			3	395	2.0	4.5
145			340	2.6		535			4	385	2.2	4.6
150			345	2.3	8	540			5	375	1.9	4.3
155			350	2.0		545			6	365	2.2	4.4
160			355	1.9	7	550			7	355	1.9	4.2
165			360	2.0		555			8	345	2.4	4.8
170			365	2.2	6	560			9	335	1.9	4.6
175			370	1.8		565			10	325	2.1	4.5
180			375	1.9	5	570			11	315	2.0	4.9
185			380	2.1		575			12	305	2.6	5.2
190			385	2.0	4	580			13			
195			390	2.2		585			14			
200			395	1.8	3	590			15			
205			400	1.6		595			16			
210			405	1.7		600			17			
215			410	2.0	2	605			18			
220			415	1.7		610			19			
225			420	1.8	1	615			20			
230			425	1.4		620			21			
235			430	1.0		625			22			
240			435	.9		630			23			
245			440	1.0		635			24			
250	.9		445	1.2		640			25			
255	.8		450	1.3		645			26			
260	.9		455	1.2		650			27			
265	.8		460	1.0		655			28			
270	.7		465	465	TD	660			29			
275	.7		470			665			30			
280	.8		475			670						
285	.4		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. <u>25910830-1B</u>		Sample No. <u>1170W</u>		Date Sampled <u>8/22/91</u>	
Company <u>MERIDIAN OIL</u>		Legal Description <u>A/B 28-28-6</u>		County or Parish <u>Bio Arriba</u> State <u>N.M.</u>	
Lease or Unit		Well <u>S.J. 28-6 #30, #148</u>	Depth	Formation <u>MV-DK</u>	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED 260'</u>		Sampled By <u>MLW</u>	

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	<u>400</u>	<u>18</u>
Calcium, Ca	<u>150</u>	<u>7.6</u>
Magnesium, Mg	<u>1.2</u>	<u>0.1</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.5</u>
Specific Gravity, 60/60 F.	<u>1.0029</u>
Resistivity (ohm-meters) <u>70' F.</u>	<u>5.70</u>

Total Dissolved Solids (calc.)

1800

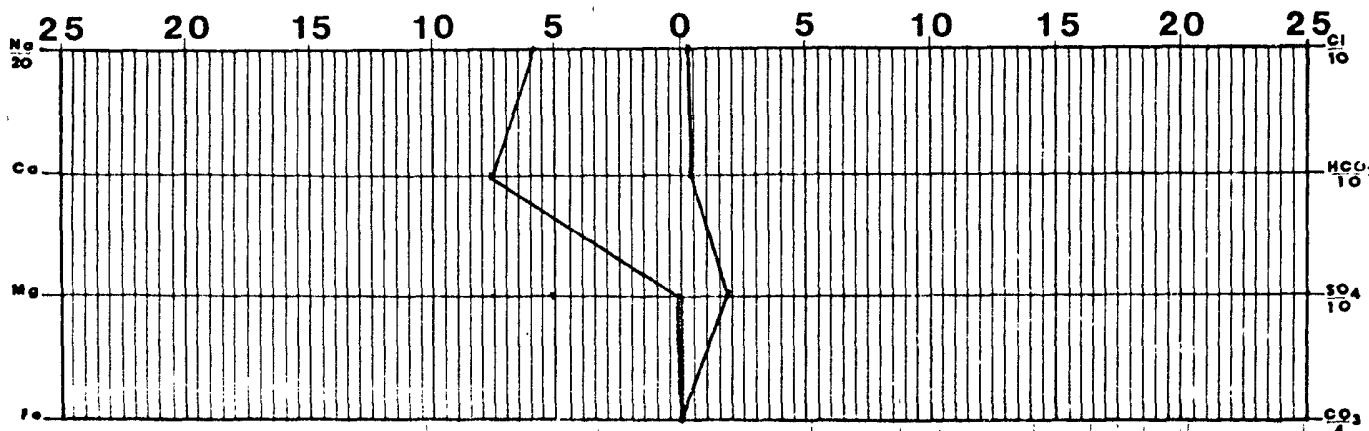
ANIONS

Chloride, Cl	<u>110</u>	<u>3.0</u>
Sulfate, So ₄	<u>850</u>	<u>18</u>
Carbonate, CO ₃	<u>0</u>	<u>0</u>
Bicarbonate, HCO ₃	<u>250</u>	<u>4.2</u>

Iron, Fe (total)

Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received <u>08/30/91</u>	Preserved <u>No</u>	Date Analyzed <u>8/31/91</u>	Analyzed By <u>SS</u>
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