

#132 30-039-21005

#84 30-039-20825

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Location: Unit B Sec. 27 Twp 27 Rng 4Name of Well/Wells or Pipeline Serviced SJ 27-4 unit #132SJ 27-4 unit #84Elevation _____ Completion Date 10-27-92 Total Depth 425 Land Type SCasing Strings, Sizes, Types & Depths 100' of 8" PVCIf Casing Strings are cemented, show amounts & types used 22 Sacks

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

NONE

Depths & thickness of water zones with description of water: Fresh, Clear,

Salty, Sulphur, Etc. 125' Fresh waterDepths gas encountered: NONEGround bed depth with type & amount of coke breeze used: 425', 62 Sacks05 Loresco type SWDepths anodes placed: 390, 384, 378, 372, 366, 360, 354, 348, 342, 300, 293, 285, 275, 220, 190Depths vent pipes placed: 425'Vent pipe perforations: Bottom 300'

Remarks: _____

RECEIVED

JAN 31 1994

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.

API WATER ANALYSIS REPORT FORM

Laboratory No. 25921109-2A

Company <u>MERIDIAN OIL</u> <u>AH11: BILL DONAHUE</u>		Sample No.		Date Sampled <u>10/27/92</u>	
Field		Legal-Description LOCATION <u>B-27-27-4</u>		County or Parish <u>Rio HERRERA</u>	
Lease or Unit <u>2422W</u>		Well <u>SS 27-4 No. 132</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED</u>		Water, B/D	
				Sampled By <u>K. Bishop</u>	

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	<u>35</u>	<u>1.5</u>
Calcium, Ca	<u>100</u>	<u>5.1</u>
Magnesium, Mg	<u>29</u>	<u>2.4</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.6</u>
Specific Gravity, 60/60 F.	<u>1.0035</u>
Resistivity (ohm-meters) <u>75</u> ° F.	<u>13</u>

Total Dissolved Solids (calc.)

650 mg/L

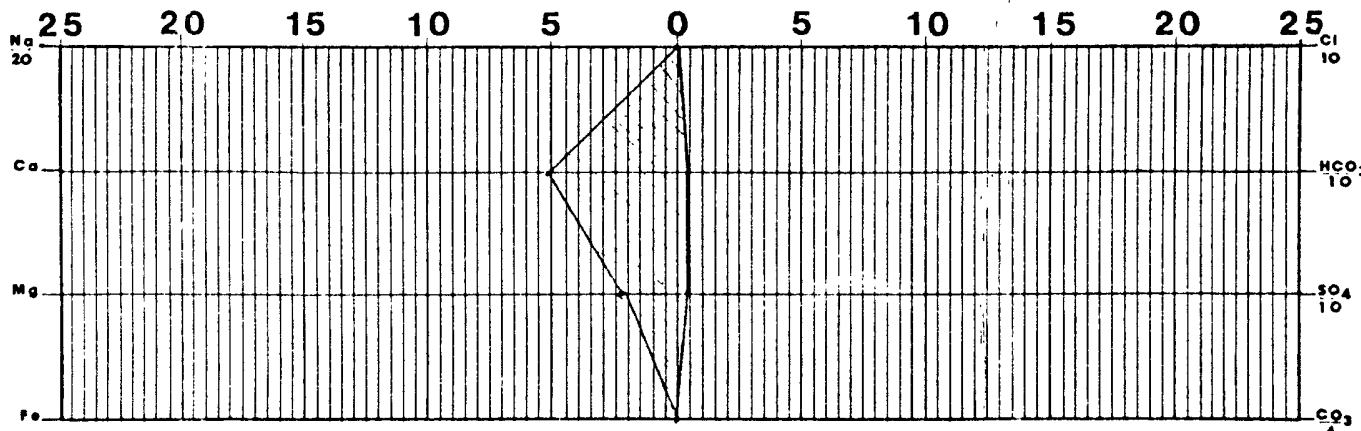
ANIONS

Chloride, Cl	<u>8</u>	<u>0.2</u>
Sulfate, SO_4	<u>210</u>	<u>4.4</u>
Carbonate, CO_3	<u>ND</u>	<u>ND</u>
Bicarbonate, HCO_3	<u>270</u>	<u>4.4</u>

Iron, Fe (total)
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:

ND = Not Detected



Date Received <u>11/9/92</u>	Preserved	Date Analyzed <u>11/10-11/11 1992</u>	Analyzed By <u>SP:dl</u>
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