

#79 30-039-20883

#149 30-039-23004

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS  
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Co. Location: Unit M Sec. 22 Twp 27 Rng 04

Name of Well/Wells or Pipeline Serviced \_\_\_\_\_

SAN JUAN 27-4 UNITS #149 AND #79

Elevation 7124 Completion Date 10-28-92 Total Depth 415' Land Type F

Casing Strings, Sizes, Types & Depths 10/5 SET 100' OF 8" PVC CASING.

NO GAS, WATER, OR BOULDERS WERE ENCOUNTERED DURING CASING.

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

WITH 21 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. 100' fresh water

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: 415' Used 60

Sacks of Loresco type SW Coke Breeze

Depths anodes placed: 385, 377, 370, 300, 290, 283, 275, 247, 240, 195, 188, 180, 170, 130, 120

Depths vent pipes placed: 415'

Vent pipe perforations: Bottom 315'

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. 25921109-25

Company <u>MERIDIAN OIL</u>		ATTN: <u>BILL DONAHUE</u>		Sample No.	Date Sampled <u>10/28/92</u>
Field <u>M-22-27-4</u>		Legal Description		County or Parish <u>Rio Arriba</u>	State <u>NM</u>
Lease or Unit <u>2426W</u>	Well <u>SS 27-4 no. 149</u>	Depth	Formation <u>MV</u>	Water, B/D	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUNDWATER</u>		Sampled By <u>KEITH BISHOP</u>	

## DISSOLVED SOLIDS

### CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>370</u>	<u>16</u>
Calcium, Ca	<u>13</u>	<u>0.7</u>
Magnesium, Mg	<u>1</u>	<u>0.1</u>
Barium, Ba		

### ANIONS

Chloride, Cl	<u>35</u>	<u>1</u>
Sulfate, $SO_4$	<u>430</u>	<u>9.0</u>
Carbonate, $CO_3$	<u>44</u>	<u>1.5</u>
Bicarbonate, $HCO_3$	<u>340</u>	<u>5.6</u>

## OTHER PROPERTIES

pH	<u>8.4</u>
Specific Gravity, 60/60 F.	<u>1.0045</u>
Resistivity (ohm-meters) <u>72°</u> F.	<u>5.3</u>

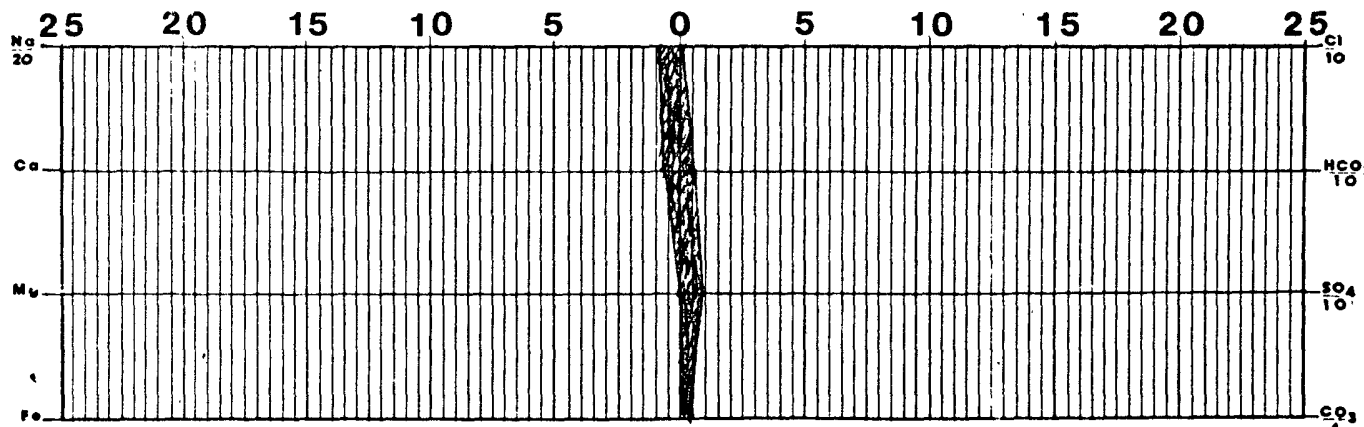
Total Dissolved Solids (calc.)

1200 mg/L

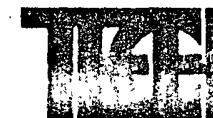
Iron, Fe (total)

Sulfide, as  $H_2S$

REMARKS & RECOMMENDATIONS:



Date Received <u>11/9/92</u>	Preserved	Date Analyzed <u>11/11-12 1992</u>	Analyzed By <u>S. H. L.</u>
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