

#133 → 30-039-21044

#86 → 30-039-20902

3794

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

Operator Meridian Oil Location: Unit K Sec. 27 Twp 27 Rng 4

Name of Well/Wells or Pipeline Serviced S.J. 27-4 unit #133,

SJ 27-4 unit # 80

Elevation _____ Completion Date 10-21-92 Total Depth 440' Land Type S

Casing Strings, Sizes, Types & Depths 100' of 8" pvc

If Casing Strings are cemented, show amounts & types used 23 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: 440'

65 SACKS of Horesco type SW

Depths anodes placed: 400, 375, 367, 359, 352, 345, 338, 330, 320, 280, 272, 265, 258, 251, 185

Depths vent pipes placed: 440'

Vent pipe perforations: Bottom 340'

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. 25901109-2H

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>10/21/92</u>
Field <u>K-27-27-1</u>		Legal Description <u>Attn: Bill Donahue</u>		County or Parish <u>K. B. 54134</u>
Lease or Unit <u>K-27-27-1</u>	Well <u>55-27-4 no. 133</u>	Depth <u>10.133</u>	Formation <u>K. B. 54134</u>	State <u>N.Y.</u>
Type of Water (Produced, Supply, etc.) <u>Groundwater</u>		Sampling Point <u>Groundwater</u>	Sampled By <u>K. B. 54134</u>	

DISSOLVED SOLIDS

CATIONS

Sodium, Na (calc.)	mg/l	me/l
Calcium, Ca	<u>740</u>	<u>32</u>
Magnesium, Mg	<u>16</u>	<u>0.8</u>
Barium, Ba	<u>2</u>	<u>0.1</u>

OTHER PROPERTIES

pH	<u>8.5</u>
Specific Gravity, 60/60 F.	<u>1.0044</u>
Resistivity (ohm-meters)	<u>5.7</u>

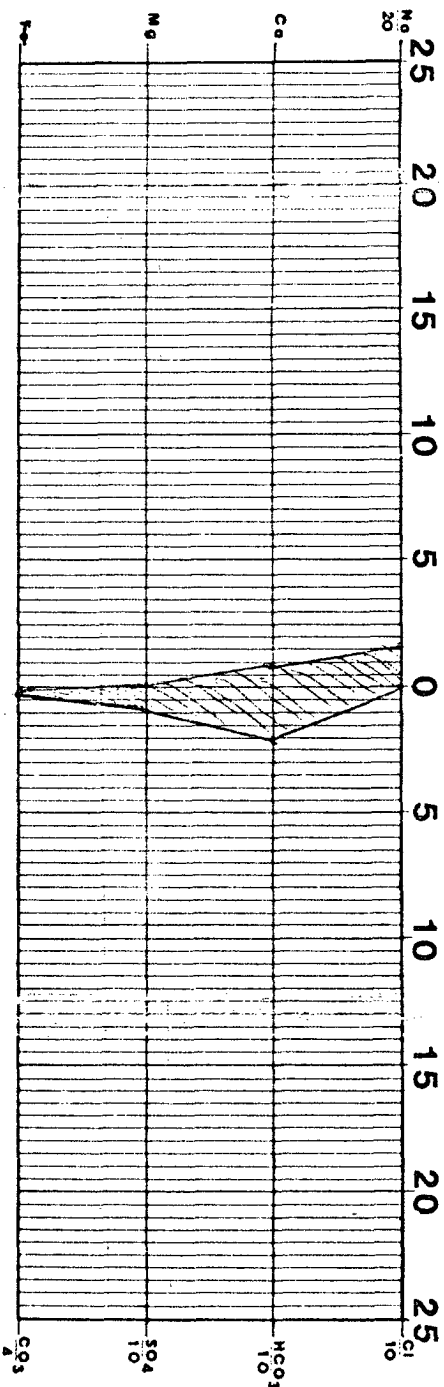
ANIONS

Chloride, Cl	<u>3</u>	<u>0.1</u>
Sulfate, SO_4	<u>470</u>	<u>9.8</u>
Carbonate, CO_3	<u>36</u>	<u>1.2</u>
Bicarbonate, HCO_3	<u>1330</u>	<u>21.8</u>

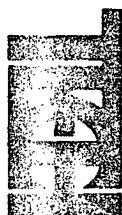
Total Dissolved Solids (calc.)

2600 mg/L

REMARKS & RECOMMENDATIONS:



Date Received <u>11/9/92</u>	Preserved	Date Analyzed <u>11/1-12/92</u>	Analyzed By <u>Stake</u>
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