

#133 30-039-21044
#86 30-039-20902

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 # 86

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

Casing Strings, Sizes, Types & Depths 100' 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

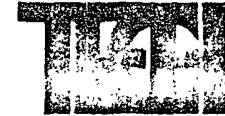
If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

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. 25921109-2H

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>10/21/92</u>	
Field <u>K-27-27-4</u>		Legal Description		County or Parish <u>Rio Arriba</u>	
Lease or Unit <u>W.H. 27-27-4</u>		Well <u>55 27-4 no. 133</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED</u>		Water, B/D	
				Sampled By <u>K. B. HOD</u>	



TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311

DISSOLVED SOLIDS

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

OTHER PROPERTIES

pH	<u>8.5</u>
Specific Gravity, 60/60 F.	<u>1.0044</u>
Resistivity (ohm-meters) <u>72° F.</u>	<u>5.7</u>

Total Dissolved Solids (calc.)

2600 mg/L

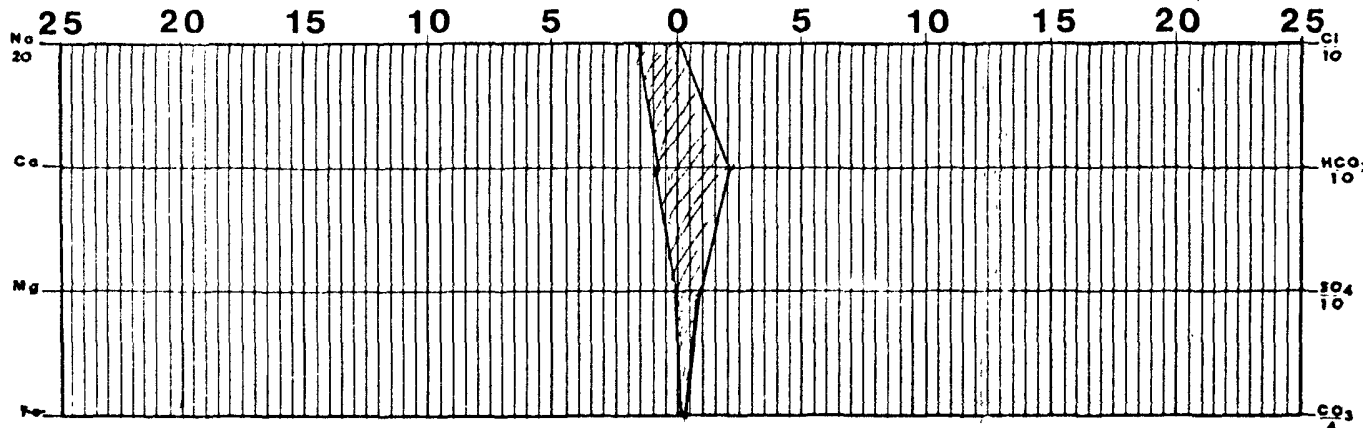
ANIONS

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>

Iron, Fe (total)

Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received <u>11/4/92</u>	Preserved	Date Analyzed <u>11/4-12 1992</u>	Analyzed By <u>K. B. HOD</u>
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