

#4 30-045-10949
#14 30-045-10952

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

Operator Meridian Oil Inc. Location: Unit D Sec. 07 Twp 31 Rng 11

Name of Well/Wells or Pipeline Serviced _____

Grenier #4 AND #14

Elevation _____ Completion Date 3-25-93 Total Depth 436' Land Type F

Casing Strings, Sizes, Types & Depths 3/12 SET 98' OF 8" PVC CASING

NO GAS OR BOULDERS WERE ENCOUNTERED DURING CASING.

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

WITH 19 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. HIT FRESH WATER AT 34'. More Water
at 120' Fresh

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 436'

6400 lbs Loresco

Depths anodes placed: ①- 415, 405, 395, 385, 375, 365, 355, 345, 335, 325, 280, 270, 260, 245, 235

Depths vent pipes placed: Sur Face to 436'

Vent pipe perforations: From 200' to 436'

Remarks: No gas encountered during drilling

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. 25-930417-10

Company MERIDIAN OIL		Sample No.		Date Sampled 3-25-93	
Field 4067 W		Legal Description D-7, 31-11		County or Parish SJ	
Lease or Unit		Well Grenier #4		Depth 120'	
Type of Water (Produced, Supply, etc.)		Formation		Water, B/D	
Sampling Point C. P. Ground Bed		Sampled By D. Ashworth			

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	1900	82
Calcium, Ca	400	20
Magnesium, Mg	17	1.4
Barium, Ba		

OTHER PROPERTIES

pH	7.57
Specific Gravity, 60/60 F.	1.0091
Resistivity (ohm-meters) 71 F.	1.5

Total Dissolved Solids (calc.)

7100

ANIONS

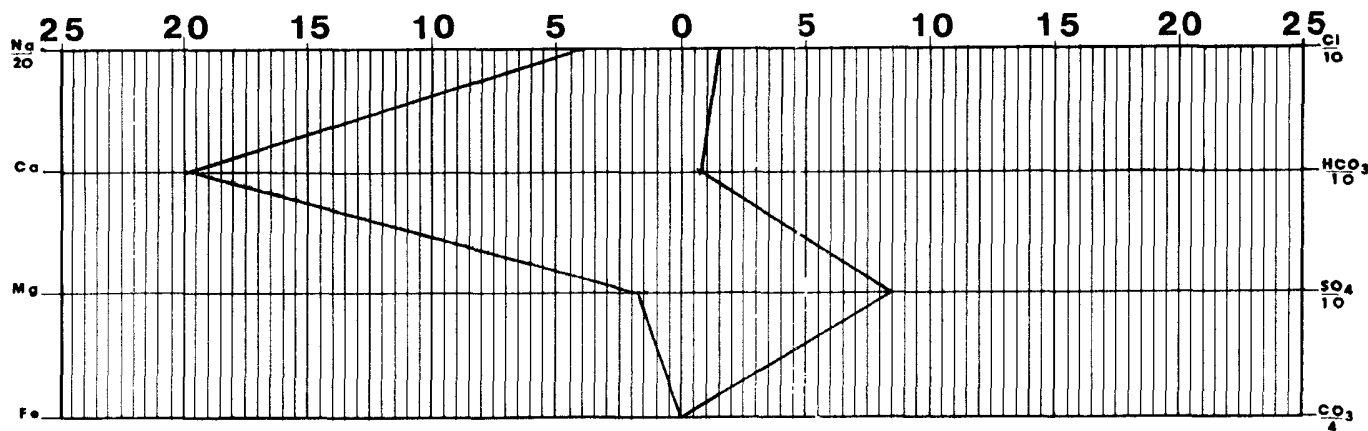
Chloride, Cl	500	14
Sulfate, SO_4	4000	84
Carbonate, CO_3	-	-
Bicarbonate, HCO_3	340	5.6

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:

ATTN: BILL DONAHUE



Date Received April 17th, 1993	Preserved	Date Analyzed April 24th, 1993	Analyzed By P.H.
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