

#1 30-045-08579

#500 30-045-28895

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

Operator Meridian Oil Inc. Location: Unit H Sec. 08 Twp 29 Rng 12

Name of Well/Wells or Pipeline Serviced _____

SHICTANI Fed #500 AND Hudson #1

Elevation 5656 Completion Date 3-10-93 Total Depth 465 Land Type F

Casing Strings, Sizes, Types & Depths 3/6 SET 98' OF 8" PVC CASING.

NO GAS, WATER, or Boulders WERE ENCOUNTERED DURING CASING.

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

WITH 20 SACKS.

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

No plugs

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 200' and was clear.

Depths gas encountered: No gas

Ground bed depth with type & amount of coke breeze used: 465' with
140 (50 lbs) sacks of Asbury Graphite

Depths anodes placed: #1 is at 450' and #15 is at 180'

Depths vent pipes placed: Bottom to Surface

Vent pipe perforations: up to 160'

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. 25-930417-1A

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled	
Field <u>753W</u>		Legal Description <u>H8 - 29 - 10</u>		County or Parish <u>S.S.</u>	
Lease or Unit		Well <u>Shiotani #500</u>		Depth	
		Formation <u>Fruitland</u>		Water, B/D	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>Ground Beck</u>		Sampled By <u>R. Smith</u>	



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

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>780</u>	<u>34</u>
Calcium, Ca	<u>475</u>	<u>23.7</u>
Magnesium, Mg	<u>21</u>	<u>1.7</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>6.77</u>
Specific Gravity, 60/60 F.	<u>1.0064</u>
Resistivity (ohm-meters) <u>71</u> F.	<u>2.75</u>

Total Dissolved Solids (calc.)

4100

ANIONS

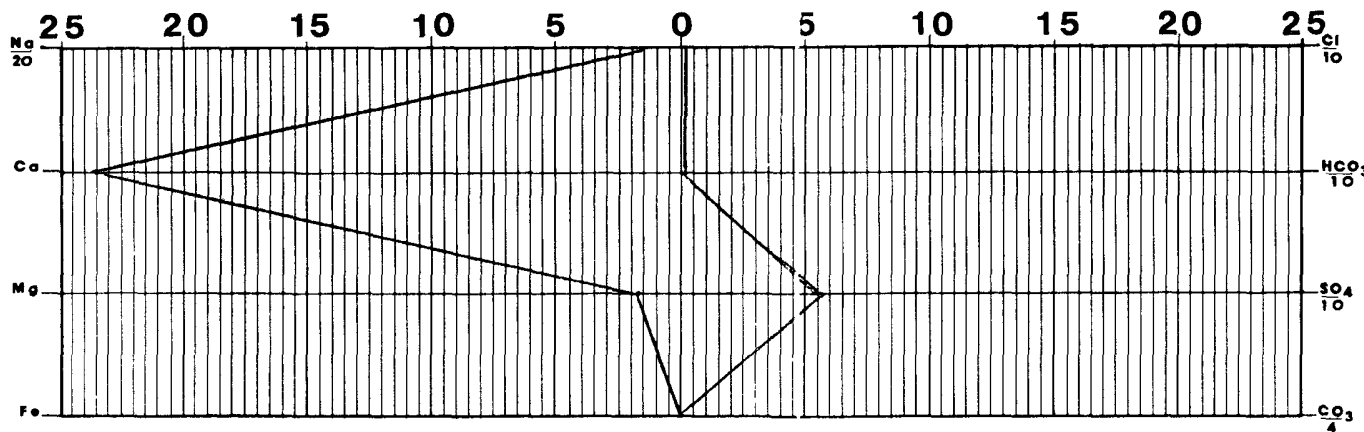
Chloride, Cl	<u>50</u>	<u>1.4</u>
Sulfate, SO_4	<u>2700</u>	<u>57</u>
Carbonate, CO_3	<u>-</u>	<u>-</u>
Bicarbonate, HCO_3	<u>70</u>	<u>1.1</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:

ATTN: B. DONAHUE



Date Received <u>April 17th, 1993.</u>	Preserved	Date Analyzed <u>April 24th, 1993.</u>	Analyzed By <u>R.H.</u>
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