

#36A 30-039-22377

#93 30-039-20922

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

Operator Meridian Oil Co. Location: Unit F Sec. 36 Twp 27 Rng 04

Name of Well/Wells or Pipeline Serviced _____

SAN JUAN 27-4 UNIT #36A AND UNIT #93

Elevation 7278 Completion Date 10-19-92 Total Depth 395' Land Type F

Casing Strings, Sizes, Types & Depths 9/28 SET 100' OF 8" PVC CASING

NO WATER, GAS, OR BOULDERS WERE ENCOUNTERED DURING CASING

If Casing Strings are cemented, show amounts & types used CEMENTED
WITH 22 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 water at 130', fresh water

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: 395'

Loresco type SW

Depths anodes placed: 380, 350, 340, 333, 295, 287, 280, 270, 255, 243, 235, 215, 205, 197, 170

Depths vent pipes placed: 395'

Vent pipe perforations: Bottom 265'

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 25921109-2B

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>10/19/92</u>	
Field <u>F-36-27-4</u>		Legal Description		County or Parish <u>Rio Arriba</u>	
Lease or Unit <u>243600</u>		Well <u>SS 27-4 No 36A</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUNDWATER</u>		Water, B/D	
				Sampled By <u>Keith Bishop</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>270</u>	<u>12</u>
Calcium, Ca	<u>43</u>	<u>2.2</u>
Magnesium, Mg	<u>3</u>	<u>0.5</u>
Barium, Ba		

ANIONS

Chloride, Cl	<u>25</u>	<u>0.7</u>
Sulfate, SO_4	<u>450</u>	<u>9.5</u>
Carbonate, CO_3	<u>10</u>	<u>0.4</u>
Bicarbonate, HCO_3	<u>220</u>	<u>3.6</u>

OTHER PROPERTIES

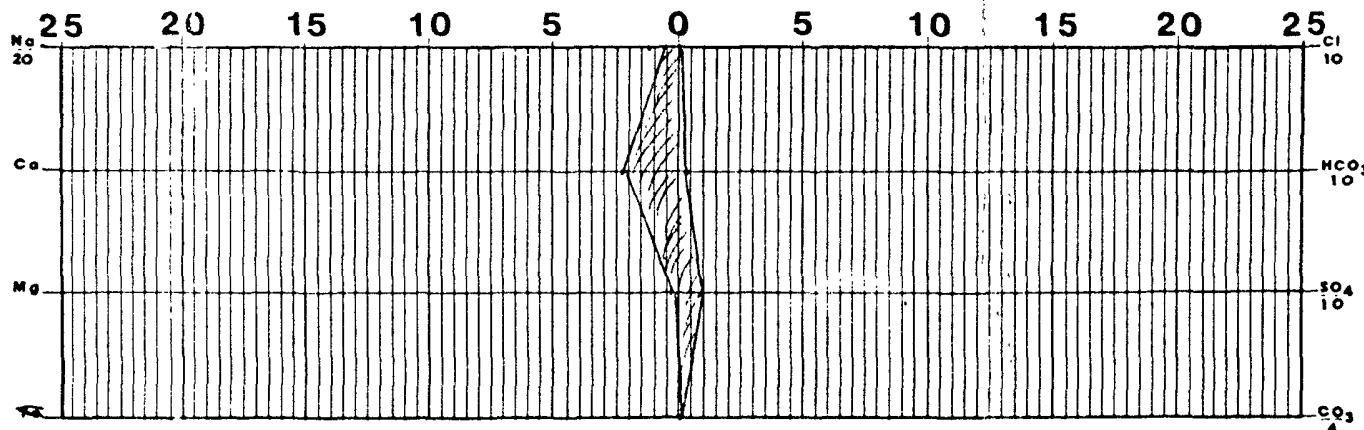
pH	<u>8.3</u>
Specific Gravity, 60/60 F.	<u>1.0037</u>
Resistivity (ohm-meters) <u>73</u> F.	<u>9.4</u>

Total Dissolved Solids (calc.)

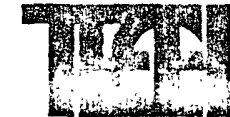
1000 mg/l

Iron, Fe (total)
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>11/9/92</u>	Preserved	Date Analyzed <u>11/9 + 11/10 1992</u>	Analyzed By <u>Sheik</u>
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