

#99A 30-039-20884

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

Operator Meridian Oil Co. Location: Unit C Sec. 16 Twp 27 Rng 04

Name of Well/Wells or Pipeline Serviced _____

SAN JUAN 27-4 UNIT #99A

Elevation 7138 Completion Date 11-18-92 Total Depth 485' Land Type F

Casing Strings, Sizes, Types & Depths 10/8 Set 100' of 8" PVC casing.

NO GAS, WATER, OR BOULDERS WERE ENCOUNTERED DURING CASING.

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

WITH 87 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. Fresh 120'

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: 485'

148 Sacks of Ashbury Graphite carbon

Depths anodes placed: 463, 455, 360, 349, 343, 337, 331, 325, 280, 274, 268, 260, 231, 225, 18

Depths vent pipes placed: 485'

Vent pipe perforations: Bottom 385'

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. 25930116-2

CD 2437

Company <u>MERIDIAN OIL</u>		ATTN: <u>MR. DONOHUE</u>		Sample No.	Date Sampled <u>11-18-92</u>
Field		Legal Description <u>C-16-27-4</u>		County or Parish <u>Rio Arriba</u>	State <u>NM</u>
Lease or Unit	Well <u>S.J. 27-4 #99A</u>	Depth	Formation <u>PC/MV</u>	Water, B/D	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED</u>		Sampled By <u>Keith Bishop</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>424</u>	<u>18.4</u>
Calcium, Ca	<u>91</u>	<u>4.56</u>
Magnesium, Mg	<u>33</u>	<u>2.72</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>7.5</u>
Specific Gravity, 60/60 F.	<u>1.0050</u>
Resistivity (ohm-meters) <u>12</u> F.	<u>4.8</u>

Total Dissolved Solids (calc.)

1,800 mg/L

ANIONS

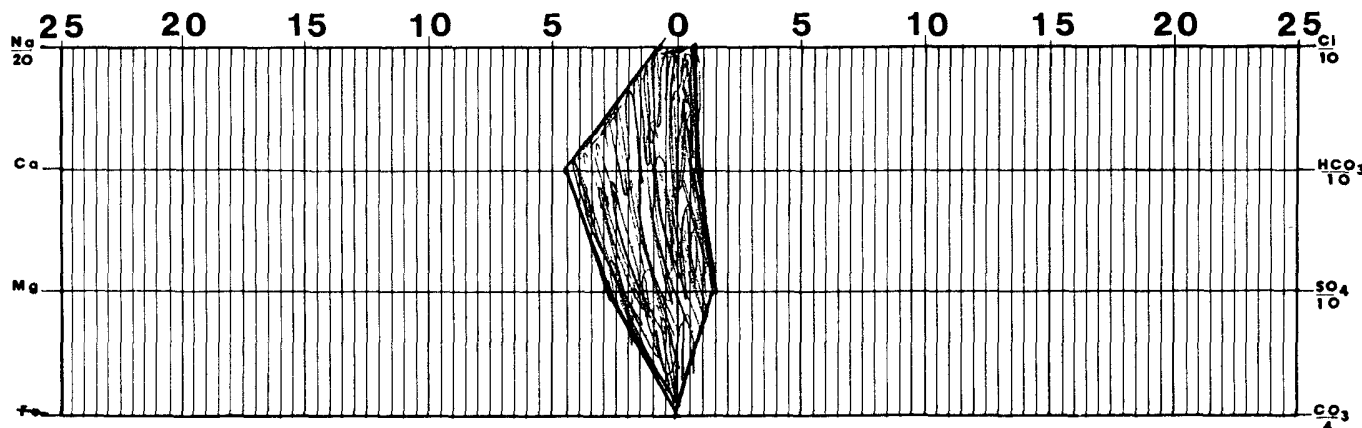
Chloride, Cl	<u>200</u>	<u>5.63</u>
Sulfate, SO_4	<u>678</u>	<u>14.1</u>
Carbonate, CO_3	<u>ND</u>	<u>ND</u>
Bicarbonate, HCO_3	<u>366</u>	<u>6.0</u>

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:

ND = NOT DETECTED



Date Received <u>01-11-93</u>	Preserved	Date Analyzed <u>01-16-93</u>	Analyzed By <u>S. J. Bishop</u>
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