

#142 30-039-22803
#60 30-039-20484

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

Operator Meridian Oil Co. Location: Unit A Sec. 21 Twp 27 Rng 04

Name of Well/Wells or Pipeline Serviced _____

SAN JUAN 27-4 UNITS #142, #60

Elevation 7121 Completion Date _____ Total Depth 405' Land Type F

Casing Strings, Sizes, Types & Depths 10/6 SET 99' 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

NONE

Depths & thickness of water zones with description of water: Fresh, Clear,

Salty, Sulphur, Etc. 100' Fresh

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: 405'

58 SACKS OF LORESCO TYPE SW

Depths anodes placed: 375, 335, 328, 321, 315, 295, 288, 280, 273, 267, 260, 240, 230, 223, 180

Depths vent pipes placed: 405'

Vent pipe perforations: Bottom 305'

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. 25921109-2I

Company <u>MERIDIAN OIL</u>		ATTN: <u>BILL DONAHUE</u>		Sample No.	Date Sampled <u>10/29/92</u>
Field <u>A-21-27-4</u>		Legal Description		County or Parish <u>Rio Arriba</u>	State <u>NM</u>
Lease or Unit <u>2454W</u>	Well <u>SS 27-4 No. 142</u>	Depth	Formation <u>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>180</u>	<u>8.0</u>
Calcium, Ca	<u>5</u>	<u>0.3</u>
Magnesium, Mg	<u>2</u>	<u>0.1</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>9.3</u>
Specific Gravity, 60/60 F.	<u>1.0039</u>
Resistivity (ohm-meters) <u>720</u> F.	<u>11.3</u>

Total Dissolved Solids (calc.)

600 mg/L

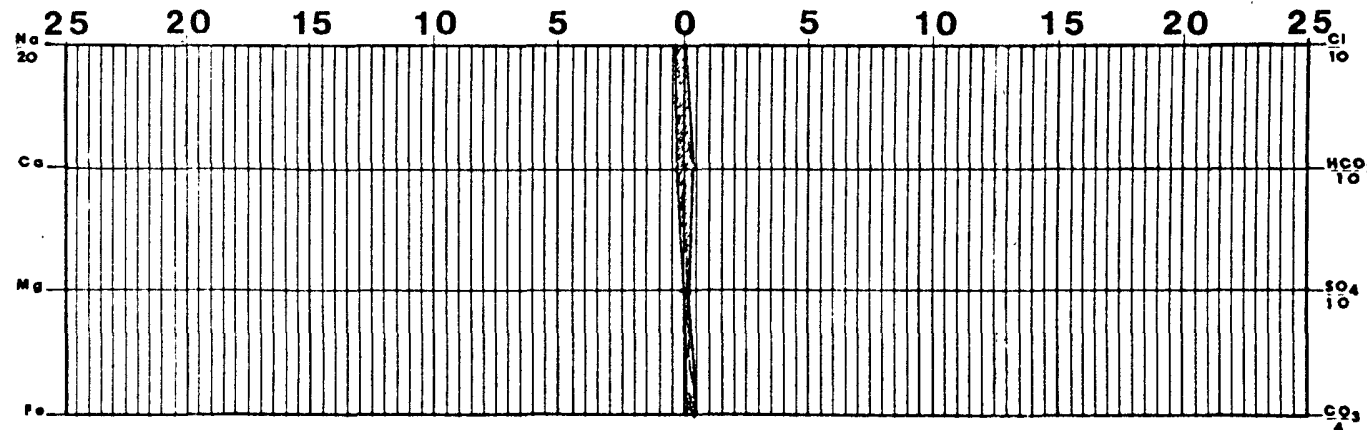
ANIONS

Chloride, Cl	<u>7</u>	<u>0.2</u>
Sulfate, SO_4	<u>120</u>	<u>2.6</u>
Carbonate, CO_3	<u>50</u>	<u>1.7</u>
Bicarbonate, HCO_3	<u>240</u>	<u>3.9</u>

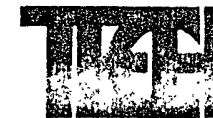
Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received <u>11/9/92</u>	Preserved	Date Analyzed <u>11/11-12 1992</u>	Analyzed By <u>SLK</u>
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