

#2A → 30-045-22453

#5 → 30-045-20449

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

Operator Meridian Oil Co. Location: Unit E Sec. 30 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced _____

Pierce #2A AND #5

Elevation _____ Completion Date 4/22/93 Total Depth 400 Land Type F

Casing Strings, Sizes, Types & Depths 4/17 SET 92' OF 8" PVC CASING

NO GAS, OF WATER, BUT 54' (35'-89') OF BOULDERS WERE ENCOUNTERED DURING CASING.

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

WITH 38 SACKS. Added 10 sacks on 4/20/93

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', CLEAR

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 392', 35 BAGS

LORESCO TYPE SW COKE & 38 BAGS ASBURY, GRADE 4518.

Depths anodes placed: 370, 360, 335, 305, 295, 285, 270, 260, 250

215, 205, 190, 180, 160, 150
Depths vent pipes placed: 392'

Vent pipe perforations: Bottom 290'

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. 25-30520-26

Company <u>Meridian Cal</u>		Sample No.		Date Sampled <u>4-22-93</u>
Field <u>5087 W</u>	Legal Description <u>E 30 31 10</u>	County or Parish		State
Lease or Unit <u>5218</u>	Well <u>Pierce 2A & S</u>	Depth	Formation	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point		Sampled By <u>Dennis Torres</u>

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>160</u>	<u>7.0</u>
Calcium, Ca	<u>140</u>	<u>7.0</u>
Magnesium, Mg	<u>15</u>	<u>1.2</u>
Barium, Ba		

OTHER PROPERTIES

pH	<u>8.03</u>
Specific Gravity, 60/60 F.	<u>1.0067</u>
Resistivity (ohm-meters) <u>70</u> F.	<u>1.5</u>

ANIONS

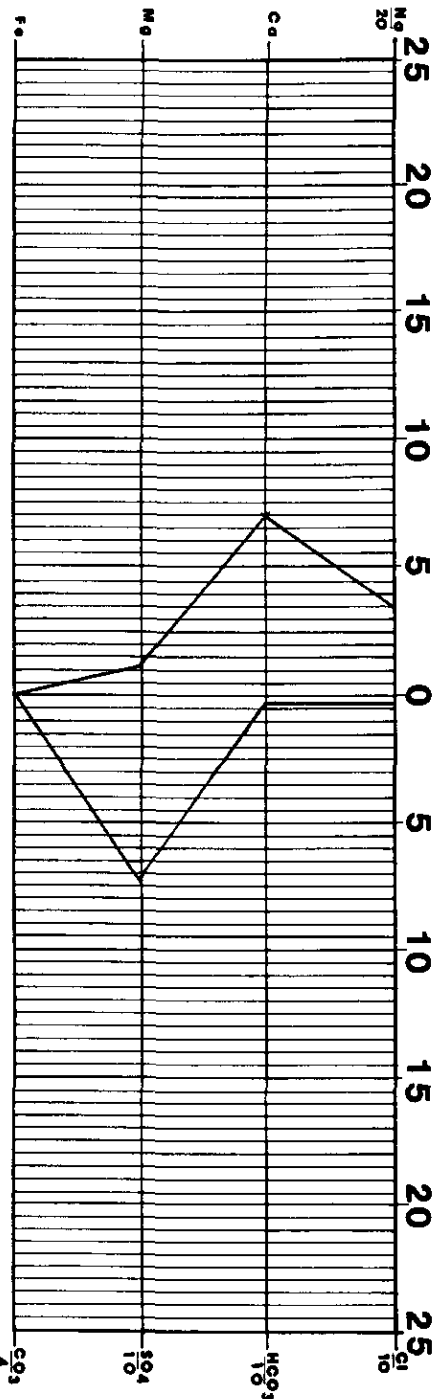
Chloride, Cl	<u>100</u>	<u>3.0</u>
Sulfate, So ₄	<u>3500</u>	<u>7.3</u>
Carbonate, CO ₃		
Bicarbonate, HCO ₃	<u>160</u>	<u>2.6</u>

Total Dissolved Solids (calc.)

5,500

Iron, Fe (total)
Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received <u>Mar 2016, 1993</u>	Preserved	Date Analyzed <u>June 1993</u>	Analyzed By <u>R.H.</u>
-------------------------------------	-----------	--------------------------------	-------------------------



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