

30-045-10580

3748

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

Operator MERIDIAN OIL INC. Location: Unit G Sec. 21 Twp 31 Rng 12

Name of Well/Wells or Pipeline Serviced _____

RICHARDSON #5

Elevation _____ Completion Date 3-23-93 Total Depth 455' Land Type F

Casing Strings, Sizes, Types & Depths 3/10 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 19 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. 240' Fresh

RECEIVED

JAN 31 1994

Depths gas encountered: None

OIL CON. DIV.

Ground bed depth with type & amount of coke breeze used: 455'

68 Bags LORESCO

Depths anodes placed: #1-435, 425, 415, 405, 395, 385, 375, 365, 355, 345, 335, 315, 305, 295, 25.

Depths vent pipes placed: From Surface to 455'

Vent pipe perforations: From 215 to 455'

Remarks: No gas encountered in drilling of hole

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. 25-930417-18

Company MERIDIAN OIL		Sample No.		Date Sampled 3-23-93
Field 5043 CD	Legal Description C-21, 31-12		County or Parish State	
Lease or Unit	Well Richardson	Depth #5	Formation	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point C.P. Circumfered	Sampled By R. Ashworth	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	2100	90
Calcium, Ca	433	21.6
Magnesium, Mg	12	1
Barium, Ba		

OTHER PROPERTIES

pH	7.66
Specific Gravity, 60/60 F.	1.0094
Resistivity (ohm-meters)	71 F.

ANIONS

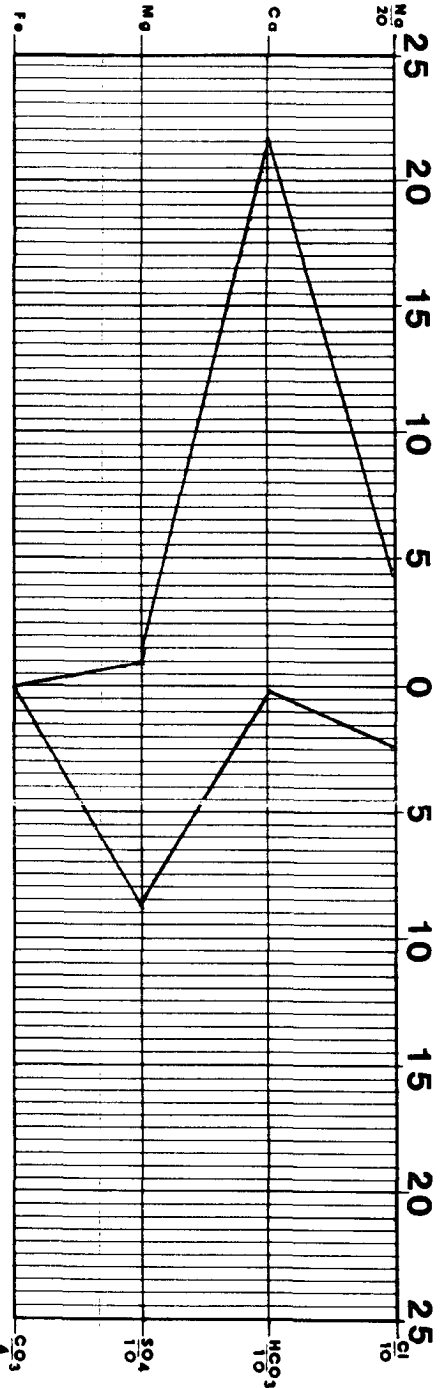
Chloride, Cl	840	24
Sulfate, So ₄	4200	87
Carbonate, CO ₃		
Bicarbonate, HCO ₃	90	1.5

Total Dissolved Solids (calc.)

3600

Iron, Fe (total)
Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received April 17, 1993	Preserved	Date Analyzed April 21, 1993	Analyzed By R.H.
--	-----------	--	----------------------------



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