

#5 30-045-10580

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

Depths gas encountered: None

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

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. 25-930417-18

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



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

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	200	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.	1.4

Total Dissolved Solids (calc.)

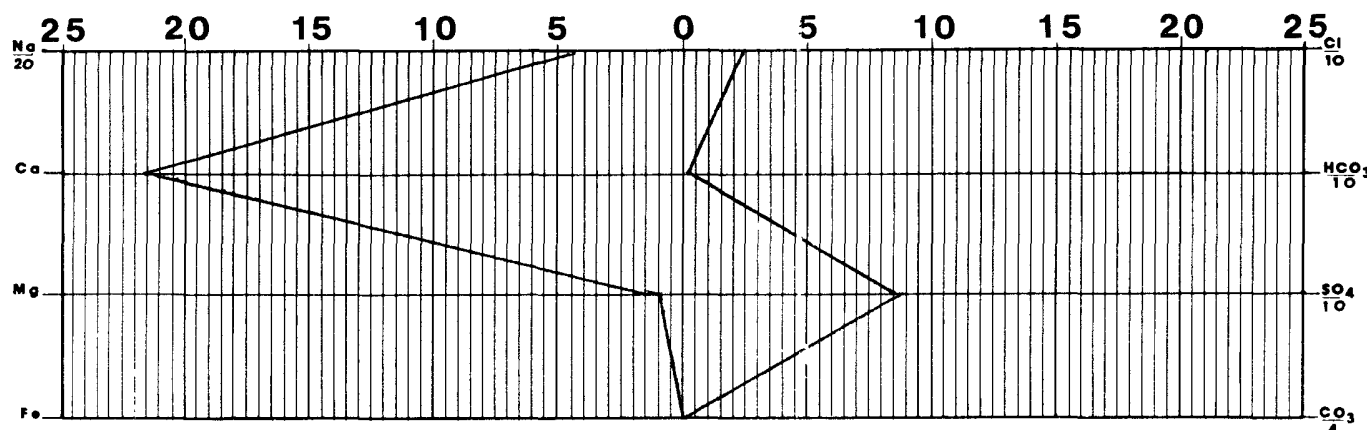
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ANIONS

Chloride, Cl	340	24
Sulfate, SO_4	4200	87
Carbonate, CO_3		
Bicarbonate, HCO_3	90	1.5

Iron, Fe (total)
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received April 17th, 1993	Preserved	Date Analyzed April 24th, 1993	Analyzed By R.H.
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