

3699

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

Operator MERIDIAN OIL INC Location: Unit NO Sec. 12 Twp 30 Rng 09

Name of Well/Wells or Pipeline Serviced 30-045-28868

JOHNSTON Fed #27R

Elevation _____ Completion Date 4-25-93 Total Depth _____ Land Type F

Casing Strings, Sizes, Types & Depths H/20-21 Set TWO 85' 8" PVC CASINGS.

NO GAS OR WATER, BUT 7 (73-80) OF BOULDERS WERE ENCOUNTERED DURING CASING.

If Casing Strings are cemented, show amounts & types used CEMENTED WITH

33 SACKS ON 1ST CASING, AND 38 SACKS ON THE 2ND CASING.

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NO

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

Salty, Sulphur, Etc. 120'

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: #1 hole 2 1/6'

#2 hole 2 1/4' 22 bags of (100lb) lower type 30 coke breeze in each hole.

Depths anodes placed: #1 hole = 200' 190' 180' 170' 160' 150' 140' 120'

#2 hole = 195' 185' 175' 160' 150' 140' 120'

Depths vent pipes placed: #1 hole = 2 1/6' #2 hole = 2 1/4'

Vent pipe perforations: Bottom 100' on each hole

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. 25-930519-18

Company MERIDIAN OIL		Sample No.		Date Sampled 4-25-93	
Field 24164W		Legal Description NW-12-30-9		County or Parish	
Lease or Unit		Well JOHNSTON FEE 27R		Depth	
				Formation Fruitland Coal	
Type of Water (Produced, Supply, etc.)		Sampling Point G. B.		Water, B/D	
				Sampled By L. S. E.	



TECH, Inc.
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87401
505/327-3311

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc)	1100	50
Calcium, Ca	8	0.4
Magnesium, Mg	-	-
Barium, Ba	-	-

OTHER PROPERTIES

pH	9.7
Specific Gravity, 60/60 F.	1.0076
Resistivity (ohm-meters) 74 F.	2.8

Total Dissolved Solids (calc.)

3400

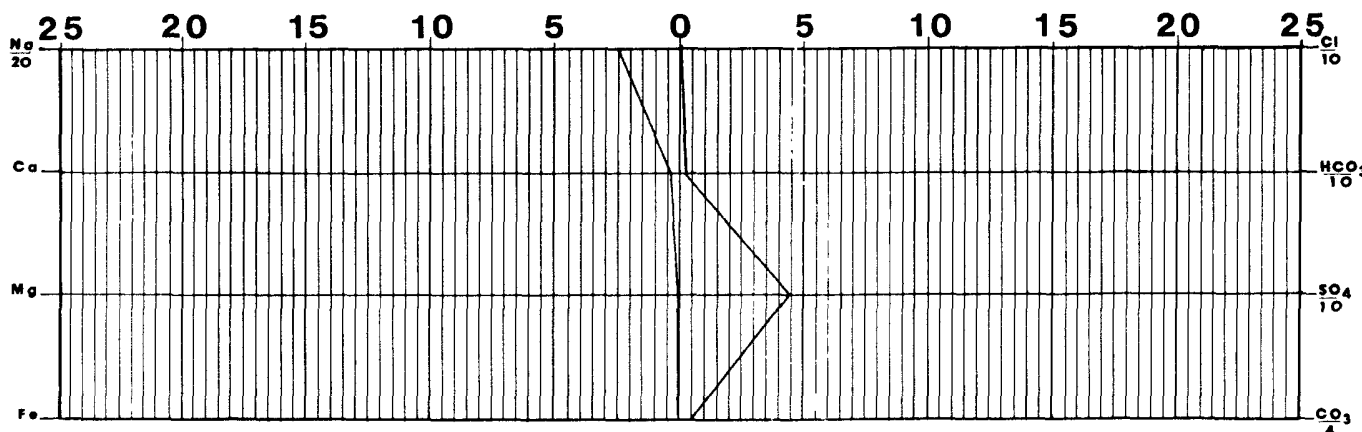
ANIONS

Chloride, Cl	46	1.3
Sulfate, SO_4	2100	44
Carbonate, CO_3	60	2
Bicarbonate, HCO_3	120	2

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received May 19, 1993	Preserved	Date Analyzed May 22, 1993	Analyzed By E. H.
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