

#270 30-045-23836

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

Operator Meridian Oil Co. Location: Unit N Sec. 07 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced _____

HUELFANO UNIT #270

Elevation 6475 Completion Date 2-28-93 Total Depth 415' Land Type F

Casing Strings, Sizes, Types & Depths 2 3/4" SET 98' OF 8" PVC CASING.

NO GRG, 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
NO

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 140'

Depths gas encountered: NO

Ground bed depth with type & amount of coke breeze used: 415'

56 sacks of linear type 500 coke breeze.

Depths anodes placed: 402', 392', 383', 374', 365', 340', 330', 320', 310', 245', 220', 210', 190', 180', 170'

Depths vent pipes placed: 415'

Vent pipe perforations: Bottom 2.90'

Remarks: _____

RECEIVED

JAN 31 1994

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. 25-930316-18

Company MERIDIAN OIL		Sample No.		Date Sampled	
Field 2457W		Legal Description N-07-26-10		County or Parish State	
Lease or Unit		Well Huerfano 270	Depth 140'	Formation	Water, B/D
Type of Water (Produced, Supply, etc.) fresh			Sampling Point Ground Bed		Sampled By

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	530	24
Calcium, Ca	4	0.2
Magnesium, Mg	-	-
Barium, Ba	-	-

OTHER PROPERTIES

pH	7.0
Specific Gravity, 60/60 F.	1.035
Resistivity (ohm-meters) 72 F.	5.9

Total Dissolved Solids (calc.)

1,780

ANIONS

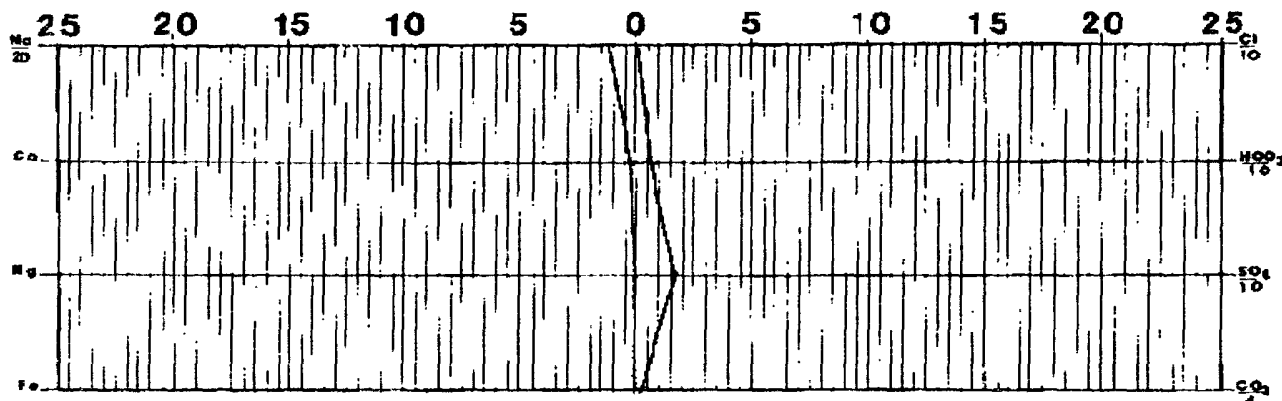
Chloride, Cl	30	0.8
Sulfate, SO_4	770	16.0
Carbonate, CO_3	40	1
Bicarbonate, HCO_3	390	6.3

Iron, Fe (total)
Sulfide, as H_2S

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REMARKS & RECOMMENDATIONS.

ATTN: BILL DONAHUE



Date Received March 16, 1993	Preserved	Date Analyzed March 16, 1993	Analyzed By R. H.
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Mar 21, 93 16:02 No.001 P.02

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BRIONES LAW FIRM