

3694

30-045-23836

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICOOperator Meridian Oil Co. Location: Unit N Sec. 07 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced _____

HUELFANO UNIT #270Elevation 6475 Completion Date 2-28-93 Total Depth 415 Land Type FCasing Strings, Sizes, Types & Depths 2 3/4 SET 98' OF 8" PVC CASING.NO GAS, WATER, OR Boulders WERE ENCOUNTERED DURING CASING.If Casing Strings are cemented, show amounts & types used CementedWITH 20 SACKS.

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

NODepths & thickness of water zones with description of water: Fresh, Clear,Salty, Sulphur, Etc. 140'Depths gas encountered: NOGround bed depth with type & amount of coke breeze used: 415'56 sacks of lumpen type 50' 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
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. 25-930316-1B

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.)	550	24
Calcium, Ca	4	0.2
Magnesium, Mg		
Barium, Ba		

OTHER PROPERTIES

pH	9.0
Specific Gravity, 60/60 F.	1.0035
Resistivity (ohm-meters) 72 F.	5.9

Total Dissolved Solids (calc.)

1,780

ANIONS

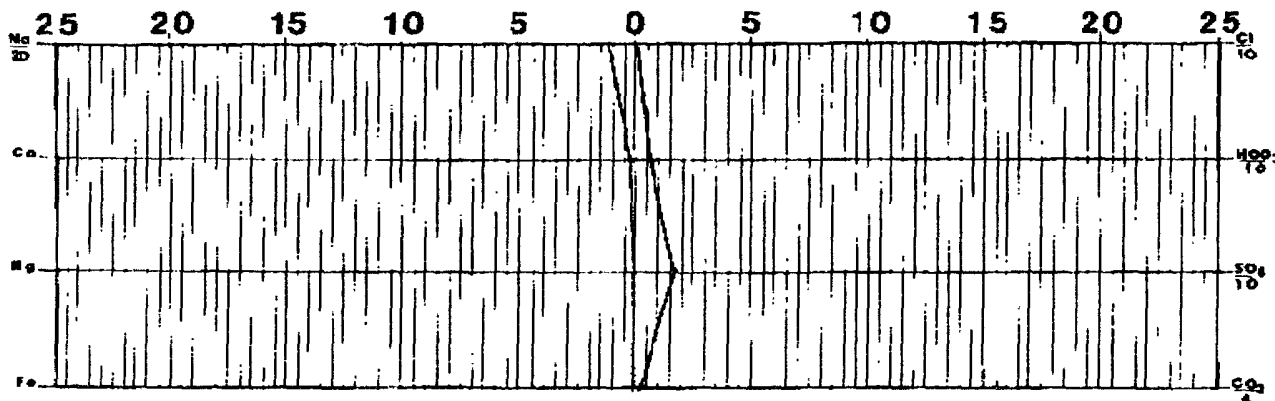
Chloride, Cl	30	0.8
Sulfate, SO_4	770	16.0
Carbonate, CO_3	40	1
Bicarbonate, HCO_3	390	6.3

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:

ATTN: ALL DONAHUE



Date Received March 16th, 1993	Preserved	Date Analyzed March 16th, 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