

1 = 30-045-10171

3853

2 = 30-045-21170

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

Operator Meridian Oil Co. Location: Unit B Sec. 32 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced _____

SUNRAY K Com #1 And SUNRAY A Com #2

Elevation _____ Completion Date 4-4-93 Total Depth 395' Land Type _____

Casing Strings, Sizes, Types & Depths SET 99' OF 8" PVC CASING

NO Boulders or Gas 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

N/A

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. FRESH WATER AT 60' DURING CASING

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: 395' Loresco

type SW

Depths anodes placed: 380, 370, 363, 350, 340, 330, 320, 310, 300, 290, 235, 225, 215, 205, 195

Depths vent pipes placed: 395'

Vent pipe perforations: Bottom 270'

Remarks: _____

RECEIVED

JAN 31 1994

OIL CON. DIV.
DIST. 2

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 - IN

Company MERIDIAN OIL		Sample No.		Date Sampled 4/4/93
Field 335 W	Legal Description		County or Parish	State
Lease or Unit	Well Sun Ray K Com # 1	Depth	Formation	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point Ground bed		Sampled By K. Bishop

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	490	20
Calcium, Ca	357	17.8
Magnesium, Mg	15	1.2
Barium, Ba		

OTHER PROPERTIES

pH	7.15
Specific Gravity, 60/60 F.	1.005
Resistivity (ohm-meters) 76 F.	3.6

ANIONS

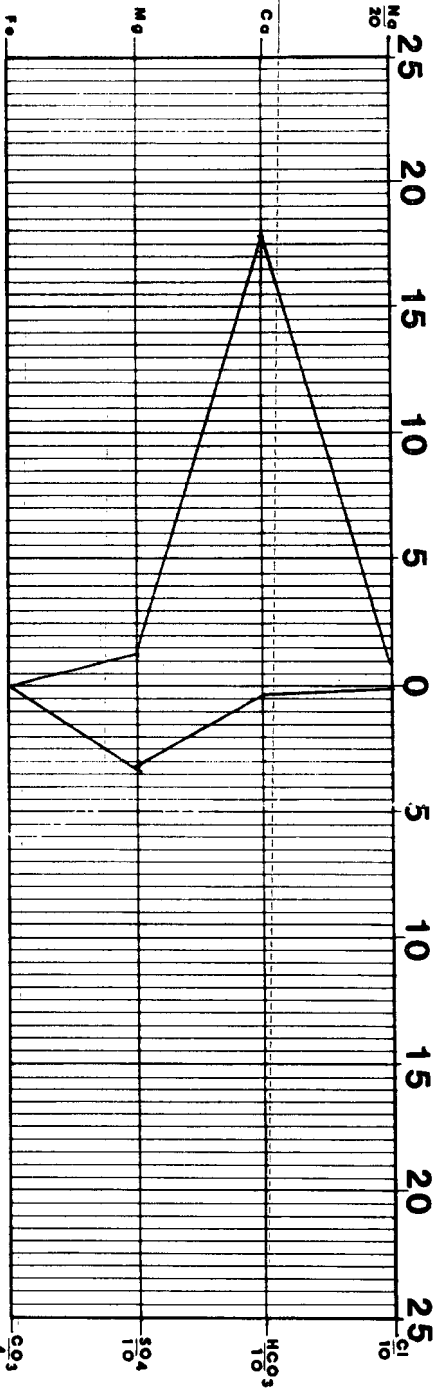
Chloride, Cl	93	1.5
Sulfate, SO_4	1600	33
Carbonate, CO_3		
Bicarbonate, HCO_3	260	4.2

Total Dissolved Solids (calc.)

2740

Iron, Fe (total)
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received Apr 17th, 1993	Preserved	Date Analyzed May 1, 1993	Analyzed By R.H.
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