#1 30-045-08229

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

Operator Meridian Oil Location: Unit M Sec. 16 Twp 29 Rng 9

Name of Well/Wells or Pipeline Serviced Mims State Com #1

Elevation 5684 Completion Date 5-24-93 Total Depth 336 Land Type F

Casing Strings, Sizes, Types & Depths Set 99' of 8" P.V.C casing.

If Casing Strings are cemented, show amounts & types used Cemented with 22 sacks.

If Cement or Bentonite Plugs have been placed, show depths & amounts used no plugs

Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. 130' and 0 was clear

Depths gas encountered: no gas

Ground bed depth with type & amount of coke breeze used: 336' with 45 (100 lb) sacks of Loresco SW

Depths anodes placed: #1 is at 350' and #15 is at 155'

Depths vent pipes placed: Bottom to Surface

Vent pipe perforations: Up to 140'

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.

1115 Farmington Avenue - Farmington , NM 87401
(505) 325-1085

Lab Sample No.: W93-154

Standard A.P.I. Water Analysis Report

Collected By: R. Smith

Company: Meridian Oil Inc.

Collection Date: unknown

Well Name: Mims State Com #1 2521 W

Collection Time: unknown

Formation: Mesa Verde

County: San Juan State: NM

Location: (M) Sec. 16-T29-R9

Analyst: K. Lambdin & S. Spencer

Remarks: Attn: Bill Donahue Ground Bed

Karen C Lambdin

PARAMETER	as ION		Comment
Sodium , Na	1,500	mg/l	
Potassium, K	0	mg/l	<5
Calcium , Ca	10	mg/l	
Magnesium , Mg	0	mg/l	<5
Iron, Fe (Total)	0.0	mg/l	<1
Hydrogen Sulfide	0	mg/l	NR
pH	9.38	Units	
TDS	5,250	mg/l	

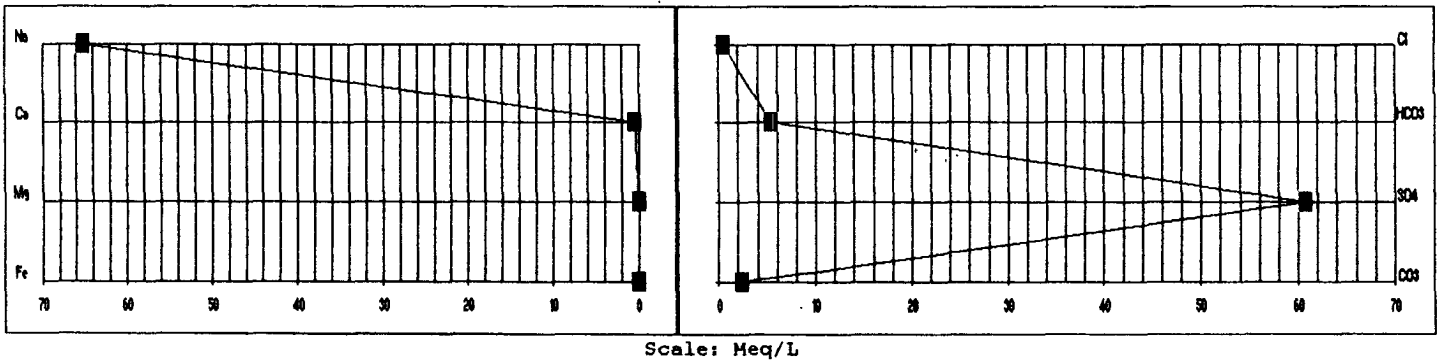
PARAMETER	as ION		Comment
Chloride , Cl	17	mg/l	
Sulfate, SO4	2920	mg/l	
Hydroxide, OH	0	mg/l	
Carbonate, CO3	72	mg/l	
Bicarbonate,HCO3	328	mg/l	
Resistivity (@25 Degrees C)	1.592	ohm-m	
Conductivity	6,280	uS	
Specific Gravity (@ 60 Degrees F)	1.001	Units	

Remarks: None.

NR = Test Not Run

Anion/Cation: 104.9%

Stiff Diagram



Scale: Meq/L