

109-30-045-27303
10-30-045-11800

3649

RECEIVED

JAN 31 1994

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

OIL CON. DIV.
DIST. 3

Operator Meridian Oil Co. Location: Unit K Sec. 32 Twp 32 Rng 12

Name of Well/Wells or Pipeline Served _____

Culpepper MARTIN #109 AND #10

Elevation _____ Completion Date 4-8-93 Total Depth 335' Land Type P

Casing Strings, Sizes, Types & Depths 3 1/2" SET 98' OF 8" PVC CASING.

NO GAS, WATER, OR BOULDERS WERE ENCOUNTERED DURING CASING.

If Casing Strings are cemented, show amounts & types used Cemented

WITH 19 SACKS.

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

None

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

Salty, Sulphur, Etc. 135' - Not enough to take a sample. Hit main

Water at 300' - Fresh but could smell a little sulphur

Depths gas encountered: Little gas at 300'

Ground bed depth with type & amount of coke breeze used: 335'

Loresco - 4200/lbs

Depths anodes placed: #1-320, 310, 300, 290, 280, 270, 260, 250, 240, 230, 220, 210, 200, 190, 180

Depths vent pipes placed: From surface to 335'

Vent pipe perforations: From 135' to 335'

Remarks: When the main water was drilled into at 300', a sulphur smelling gas could be detected. Returned 4 days after hole had been filled with coke and no gas could be smelled.

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. 25-930417-1G

Company Meridian Oil		Sample No.		Date Sampled 4-2-93
Field 4011 W	Legal Description		County or Parish San Juan	State NM
Lease or Unit	Well Callepico No. 10914	Depth 3000'	Formation	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point C.P. Groundhead	Sampled By D. Ashworth	

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	3500	125
Calcium, Ca	633	32.6
Magnesium, Mg	2	0.2
Barium, Ba		

OTHER PROPERTIES

pH	6.80
Specific Gravity, 60/60 F.	1.0106
Resistivity (ohm-meters) 77 F.	0.6

ANIONS

Chloride, Cl	6100	120
Sulfate, SO ₄	-	-
Carbonate, CO ₃	-	-
Bicarbonate, HCO ₃	20	3

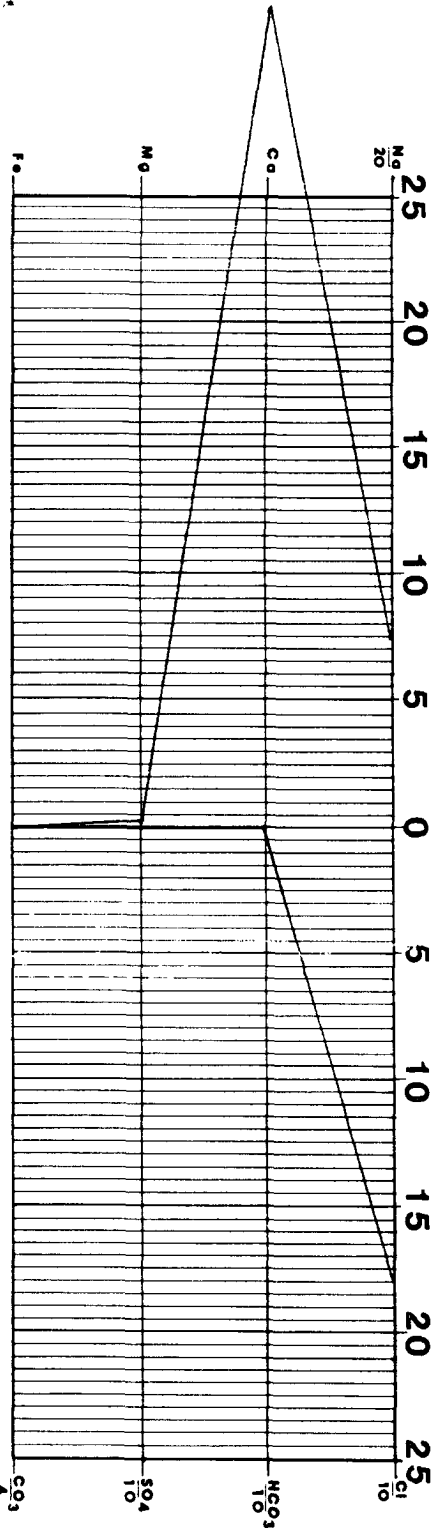
Total Dissolved Solids (calc.)

10,300

Iron, Fe (total)
Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:

ATTN: Bill Deaton



Date Received April 17, 1993	Preserved	Date Analyzed April 24, 1993	Analyzed By PH
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