

#2A 30-045-22109

#6 30-045-20541

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

Operator Meridian Oil Co. Location: Unit C Sec. 19 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced _____

Crandell #2A AND #6

Elevation _____ Completion Date 4-4-93 Total Depth 375' Land Type P

Casing Strings, Sizes, Types & Depths 12/3 Set 98' of 8" PVC Casing.

NO WATER, OR GAS, BUT 38' OF RIVER BOULDERS WERE ENCOUNTERED DURING CASING.

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

WITH 26 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. 120' Fresh

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: 375'

52 SACKS of Loresco

Depths anodes placed: 325', 300', 285', 275', 265', 255', 245', 235', 225', 195', 185', 175', 165', 155', 145'

Depths vent pipes placed: 375'

Vent pipe perforations: Bottom 255'

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 **25-930417-1K**

Company MERIDIAN OIL		Sample No.		Date Sampled 4/4/93	
Field 4139W		Legal Description		County or Parish	
Lease or Unit CRANDEN		Well #12A & #6		Depth	
		Formation		Water, B/D	
Type of Water (Produced, Supply, etc.)		Sampling Point Groundbed		Sampled By K. Bishop	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	1900	84
Calcium, Ca	387	19.3
Magnesium, Mg	2	0.2
Barium, Ba		

ANIONS

Chloride, Cl	78	2.2
Sulfate, SO_4	4900	100
Carbonate, CO_3	20	0.6
Bicarbonate, HCO_3	-	-

OTHER PROPERTIES

pH	9.6
Specific Gravity, 60/60 F.	1.0102
Resistivity (ohm-meters) 76 F.	1.25

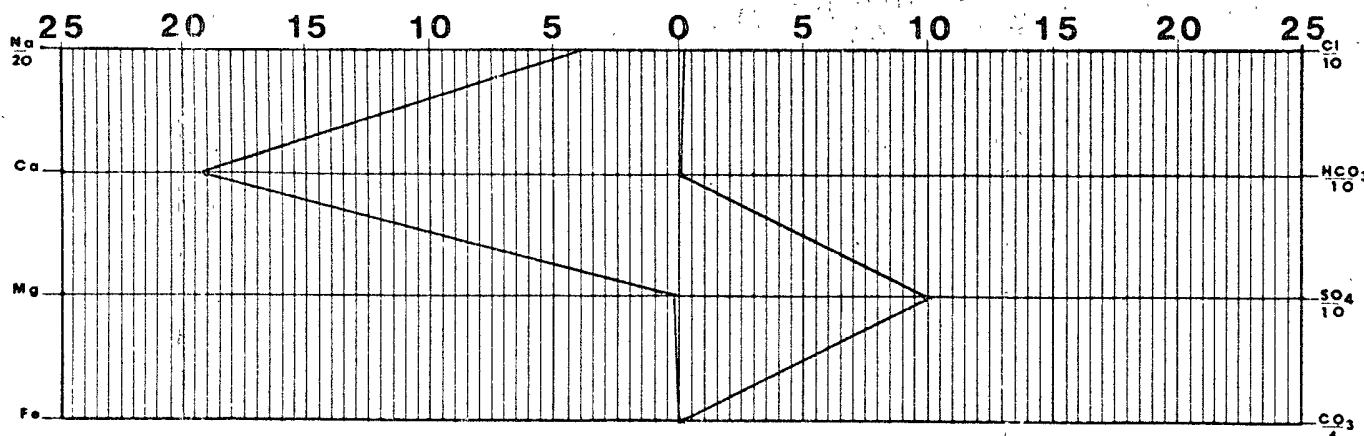
Total Dissolved Solids (calc.)

7300

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:



Date Received April 17th, 1993	Preserved	Date Analyzed May 20th 1993	Analyzed By R.H.
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TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311