

2A = 30-045 22109
6 = 30-045-20541 3647

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	State	
Lease or Unit CRAWFORD	Well 112A & #6	Depth	Formation	Water, B/D
Type of Water (Produced, Supply, etc.)		Sampling Point Groundwater	Sampled By R. Bishop	

DISSOLVED SOLIDS

CATIONS

Sodium, Na (calc.)	mg/l	me/l
Calcium, Ca	1900	84
Magnesium, Mg	381	19.3
Barium, Ba	2	0.2

OTHER PROPERTIES

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

Total Dissolved Solids (calc.)

7300

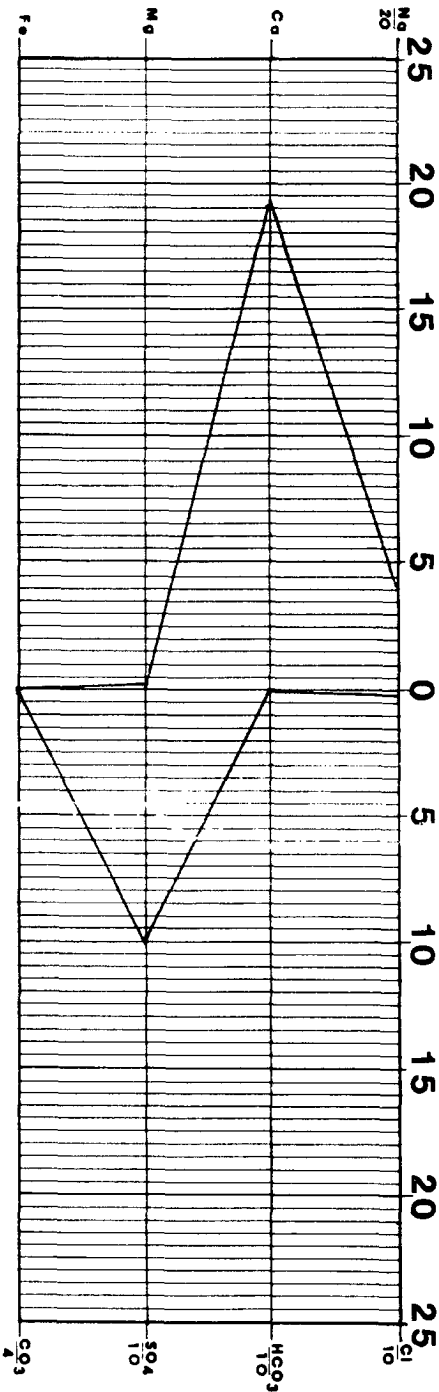
ANIONS

Chloride, Cl	78	2.2
Sulfate, SO ₄	4900	100
Carbonate, CO ₃	20	0.6
Bicarbonate, HCO ₃		

Iron, Fe (total)

Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:



Date Received April 17, 1993	Preserved	Date Analyzed May 20, 1993	Analyzed By R.H.
--	-----------	--------------------------------------	----------------------------



TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311