

#5 30-045-07134

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

Operator Meridian Oil Co. Location: Unit 0 Sec. 25 Twp 29 Rng 10

Name of Well/Wells or Pipeline Serviced _____

Outlet #5

Elevation 5872 Completion Date 9-23-73 Total Depth 413 Land Type F

Casing Strings, Sizes, Types & Depths 2 1/2" SET 99' of 8" PVC CASING

NO GAS WATER, or boulders were encountered during casing.

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

WITH 24 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. 150' and was clear.

Depths gas encountered: No gas

Ground bed depth with type & amount of coke breeze used: 413' with

160 (5016) sacks of Asbury

Depths anodes placed: #1 at 327 and #15 at 145

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.



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

LABORATORY REPORT
 OIL-FIELD WATER ANALYSIS

Lab Number: 25930315-06
 Client: Meridian Oil
 Sample ID: Omler #5 groundbed
 Location: 025-28-10

2397W

Date Sampled: 02-23-93
 Date Received: 03-15-93
 Date Analyzed: 03-17-93
 Date Reported: 03-18-93

DISSOLVED SOLIDS:

	me/L	mg/L	Detection Limit, mg/L
Calcium, Ca ⁺⁺	23.2	465	1.0
Magnesium, Mg ⁺⁺	5.1	62	1.0
Sodium, Na ⁺ (calc)	25.1	577	5.0
Chloride, Cl ⁻	0.4	13	2.0
Sulfate, SO ₄ ⁻⁻	47.6	2,290	5.0
Bicarbonate, HCO ₃ ⁻	5.4	329	5.0
Carbonate, CO ₃ ⁻⁻	ND	ND	1.0
Hydroxide, OH ⁻	ND	ND	1.0
Total Dissolved Solids (calculated)		3,730	10.0

OTHER PROPERTIES:

pH (units): 8.1
 resistivity (ohm-meters): 0.2
 specific gravity at 50F: 1.0073
 room temperature (F): 72

ND = Not Detected at the stated detection limit

Comments: Fruitland Coal
 San Juan County, New Mexico
 Sampled by R. Smith

Methods: American Petroleum Institute, "Recommended Practice for Analysis of Oil-Field Waters;" 2nd edition.

Stella Pollina
 analyst