

#4 30-045-06368

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

Operator Meridian Oil Co. Location: Unit I Sec. 20 Twp 27 Rng 10

Name of Well/Wells or Pipeline Serviced _____

Mc Adams #4

Elevation 6242 Completion Date 2-8-93 Total Depth 395 Land Type F

Casing Strings, Sizes, Types & Depths 2/6 SET 100' OF 8" PVC CASING

NO GAS, WATER, OR BOULDERS WERE ENCOUNTERED DURING CASING

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

WITH 21 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. 180 and 275' both zones clear

Depths gas encountered: No gas

Ground bed depth with type & amount of coke breeze used: 395' with

57 (10016) sacks of loresco S.W.

Depths anodes placed: #1 at 375' and #15 at 205'

Depths vent pipes placed: Bottom to surface

Vent pipe perforations: up to 160'

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.



LABORATORY REPORT
OIL-FIELD WATER ANALYSIS

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

Lab Number: 25930315-03
Client: Meridian Oil
Sample ID: McAdams #4 groundhed
Location: F20-27-10

2461W

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

DISSOLVED SOLIDS:	me/L	mg/L	Detection Limit, mg/L
Calcium, Ca++	5.8	116	1.0
Magnesium, Mg++	0.2	2	1.0
Sodium, Na+ (calc)	15.7	360	5.0
Chloride, Cl-	0.4	14	2.0
Sulfate, SO4--	18.0	866	5.0
Bicarbonate, HCO3-	2.8	171	5.0
Carbonate, CO3--	0.4	12	1.0
Hydroxide, OH-	0.0	0	1.0
Total Dissolved Solids (calculated):		1,540	10.0

OTHER PROPERTIES:

pH (units): 8.2
resistivity (ohm-meters): 4.8
specific gravity at 60°F: 1.0059
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.

Steve Larson
analyst