

3691



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

Operator Meridian Oil Co Location: Unit B Sec. 01 Twp 25 Rng 10

Name of Well/Wells or Pipeline Serviced _____

Huerfano Unit #190 30-045-20419

Elevation 6798' Completion Date 3-4-93 Total Depth 385' Land Type F

Casing Strings, Sizes, Types & Depths 2/26 SET 119' of 8" PVC CASING.

NO GAS, WATER, OR 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: 385'

31 SACKS LORESCO type SW, 38^{SACKS} ASBURY

Depths anodes placed: 365, 358, 350, 297, 290, 283, 274, 267, 260, 253, 246, 172, 165, 155, 135

Depths vent pipes placed: 385'

Vent pipe perforations: Bottom 280'

Remarks: _____

RECEIVED

JAN 31 1994

OIL CON. DIV.

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: 25930319-02
Client: Meridian Oil
Sample ID: Huerfano # 190 Groundbed
Location: B-1-25-10

937W

Date Sampled: 03-04-93
Date Received: 03-19-93
Date Analyzed: 03-22-93
Date Reported: 03-22-93

DISSOLVED SOLIDS:

	me/L	mg/L	Detection Limit, mg/L
Calcium, Ca++	9.7	193	1.0
Magnesium, Mg++	0.8	9	1.0
Sodium, Na+ (calc)	32.3	1,210	5.0
Chloride, Cl-	0.9	31	2.0
Sulfate, SO4--	56.1	2,700	5.0
Bicarbonate, HCO3-	6.0	366	5.0
Carbonate, CO3--	ND	ND	1.0
Hydroxide, OH-	ND	ND	1.0
Total Dissolved Solids (calculated):		4,500	10.0

OTHER PROPERTIES:

pH (units): 8.0
resistivity (ohm-meters): 2.6
specific gravity at 60°F: 1.006
room temperature (F): 73

ND = Not Detected at the stated detection limit

Comments: sampled by Keith Bishop

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

Keith Bishop
analyst



LABORATORY REPORT
OIL-FIELD WATER ANALYSIS

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

Lab Number: 25930319-02
Client: Meridian Oil 937 W
Sample ID: Huerfano # 190 Groundbed
Location: B-1-25-10

Date Sampled: 03-04-93
Date Received: 03-19-93
Date Analyzed: 03-22-93
Date Reported: 03-22-93

DISSOLVED SOLIDS:

	me/L	mg/L	Detection Limit, mg/L
Calcium, Ca++	9.7	195	1.0
Magnesium, Mg++	0.8	7	1.0
Sodium, Na+ (calc)	52.5	1,210	5.0
Chloride, Cl-	0.9	31	2.0
Sulfate, SO4--	56.1	2,000	5.0
Bicarbonate, HCO3-	6.0	350	5.0
Carbonate, CO3--	ND	ND	1.0
Hydroxide, OH-	ND	ND	1.0
Total Dissolved Solids (calculated):		4,500	10.0

OTHER PROPERTIES:

pH (units): 8.0
resistivity (ohm-meters): 2.0
specific gravity at 60F: 1.000

room temperature (F): 73

ND = Not Detected at the stated detection limit

Comments: sampled by Keith Bishop

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

Steve Lelma
analyst