

#501 30-045-28518

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

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

Name of Well/Wells or Pipeline Serviced _____

Rowley #501

Elevation _____ Completion Date 2-18-93 Total Depth 373' 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 21 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. 130' Fresh

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: 373' 51 SACKS

of Loresco

Depths anodes placed: (1) 350 (2) 343 (3) 335 (4) 327 (5) 320 (6) 314 (7) 305 (8) 275 (9) 180
(10) 170 (11) 150 (12) 140 (13) 133 (14) 125 (15) 118

Depths vent pipes placed: 373'

Vent pipe perforations: Bottom 250'

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:	930220-4	Date Sampled:	02-18-93
Client:	Meridian Oil	Date Received:	02-20-93
Sample ID:	Rowley #501	Date Analysed:	02-20-93
Location:	N20-27-10	Date Reported:	02-21-93

DISSOLVED SOLIDS:	me/L	mg/L	Detection Limit, mg/L
Calcium, Ca++	2.2	43.3	1.0
Magnesium, Mg++	0.2	2.0	1.0
Sodium, Na+ (calc)	86.7	2,000	5.0
Chloride, Cl-	0.2	7.8	2.0
Sulfate, SO4--	87.8	4,220	5.0
Bicarbonate, HCO3-	0.8	48.8	5.0
Carbonate, CO3--	0.4	12.0	1.0
Hydroxide, OH-	ND	ND	1.0
Total Dissolved Solids (calculated):		6,330	10.0

OTHER PROPERTIES:

pH (units):	8.7
resistivity (ohm-meters):	6.2
specific gravity at 60F:	1.0039
room temperature (F):	72

ND = Not Detected at the stated detection limit

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

Comments: DK, DK, PC; SJ, NM; Groundbed
Sampled by K. Bishop


analyst