

#1 30-045-09075

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

Operator Meridian Oil Inc. Location: Unit A Sec. 35 Twp 30 Rng 13

Name of Well/Wells or Pipeline Serviced _____

CITY OF FARMINGTON #1

Elevation _____ Completion Date 3-18-93 Total Depth 465' Land Type P

Casing Strings, Sizes, Types & Depths 3/7 SET 98' OF 8" PVC CASING.

NO GAS, WATER, OR BOULDERS WERE ENCOUNTERED DURING CASING.

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

WITH 20 SACKS.

If Cement or Bentonite Plugs have been placed, show depths & amounts used

None

Depths & thickness of water zones with description of water: Fresh, Clear,

Salty, Sulphur, Etc. 185' - Fresh

RECEIVED

JAN 31 1994

Depths gas encountered: None

OIL CON. DIV.

Ground bed depth with type & amount of coke breeze used: 465'

Asbury Coke - 7000/lbs

Depths anodes placed: 445, 430, 420, 405, 395, 385, 375, 365, 355, 345, 320, 310, 300, 290, 280

Depths vent pipes placed: From ~~200~~ to ~~465~~ Surface to 465'

Vent pipe perforations: From 200' to 465'

Remarks: Driller hit gravel at 260' to 270'. Mixed in 3 Bags Bentonite and 1/2 bag Lime to keep hole open and to complete hole

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.

Called
3/24 @

Post-It™ brand fax transmittal memo 7671		# of pages <u>5</u>
To: <u>B. Donahue</u>	From:	
Co: <u>Meridian</u>	Co: <u>Tech</u>	
Dept:	Phone: <u>327-3311</u>	
Fax: <u>326-9833</u>	Fax:	



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

LABORATORY REPORT
OIL-FIELD WATER ANALYSIS

Lab Number: 25930319-01	6043W	Date Sampled: 03-18-93
Client: Meridian Oil		Date Received: 03-19-93
Sample ID: City of Farmington #1		Date Analyzed: 03-22-93
Location: C. P. Groundbed		Date Reported: 03-22-93

DISSOLVED SOLIDS:	me/L	mg/L	Detection Limit, mg/L
Calcium, Ca++	12.2	245	1.0
Magnesium, Mg++	0.2	2	1.0
Sodium, Na+ (calc)	8.4	192	5.0
Chloride, Cl-	0.5	16	2.0
Sulfate, SO4--	16.3	783	5.0
Bicarbonate, HCO3--	4.0	244	5.0
Carbonate, CO3--	ND	ND	1.0
Hydroxide, OH-	ND	ND	1.0
Total Dissolved Solids (calculated):		1,500	10.0

OTHER PROPERTIES:

pH (units): 8.0
resistivity (ohm-meters): 7.6
specific gravity at 60F: 1.004
room temperature (F): 73

ND = Not Detected at the stated detection limit

Comments: sampled by David Ashworth

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

Leah L. Ashworth
analyst