

27 = 30-045-11616
36 = 30-045-25687
29 = 30-045-23723

3612

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

Operator Meridian Oil Co. Location: Unit A Sec. 25 Twp 28 Rng 11

Name of Well/Wells or Pipeline Serviced _____

Angel PERK B#27, B#36 + B#29

Elevation 5638 Completion Date 2-11-93 Total Depth 393 Land Type F

Casing Strings, Sizes, Types & Depths 1130 SET 99' OF 8" PVC CASING.

NO GAS OR BOULDERS WERE ENCOUNTERED DURING CASING.

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

WITH 22 SACKS.

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

12.5' up to 95' (cement 15 sacks).

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

Salty, Sulphur, Etc. HIT FRESH WATER AT 38' DURING CASING. Water
at 130' and 220'; all clear.

Depths gas encountered: 220'

Ground bed depth with type & amount of coke breeze used: 393' with

57 (10016) sacks of Loresco S.W.

Depths anodes placed: 370' to 165'

Depths vent pipes placed: Bottom to surface

Vent pipe perforations: perforated up to 130'

Remarks: _____

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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: 930220-5
Client: Meridian Oil
Sample ID: Angel Peak B #27, #29, #36
Location: N8-28-10

Date Sampled: 02-11-93
Date Received: 02-20-93
Date Analysed: 02-20-93
Date Reported: 02-21-93

DISSOLVED SOLIDS:	me/L	mg/L	Detection Limit, mg/L
Calcium, Ca++	22.4	449	1.0
Magnesium, Mg++	2.4	29.7	1.0
Sodium, Na- (calc)	46.7	1,120	5.0
Chloride, Cl-	0.4	14.2	2.0
Sulfate, SO4--	72.1	3,460	5.0
Bicarbonate, HCO3-	1.0	61.0	5.0
Carbonate, CO3--	ND	ND	1.0
Hydroxide, OH-	ND	ND	1.0
Total Dissolved Solids (calculated):		5,100	10.0

OTHER PROPERTIES:

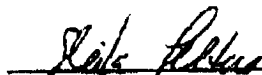
pH (units): 8.1
resistivity (ohm-meters): 2.4
specific gravity at 60F: 1.0068
room temperature (F): 72

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ND = Not Detected at the stated detection limit

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

Comments: OK, DK, PC: SJ, NM: Groundbed
Sampled by R. Smith


analyst