



COMPANY : UMC PETROLEUM CORP.
LEASE : RAINIER STATE
WELL NO. : # 1
FIELD : WILDCAT
COUNTY/STATE : LEA / NEW MEXICO

TEST DATE : 11/13/97
D.S.T. NO. : 2
TEST TKT. NO. : 19869
INVOICE NO. : 18113
ORDER NO. :

FORMATION : BOSE "C"
INTERVAL (ft) : 9544 TO 9642
TOTAL DEPTH (ft) : 9642
ELEVATION (ft) :
HOLE SIZE (in) : 7.875
DRILL PIPE ID (in) : 3.75
DRILL COLLAR ID(in) : 2.25
DRILL COLLAR feet : 682
ANCHOR LENGTH (ft): 98
TOOL LENGTH (ft) : 77
TOOL O.D. (in) : 5
PACKER SIZE (in) : 7.000

RECORDER DATA
AK1-KUSTER / AMERADA

TOP RECORDER: IN
RECORDER NO. : 20234
CAPACITY (psi): 10000
DEPTH (ft) : 9560
CLOCK NO. : 20234
DURATION (hrs): 96

BOTTOM RECORDER: OUT
RECORDER NO. : 13545
CAPACITY (psi): 8100
DEPTH (ft) : 9642
CLOCK NO. : 17180
DURATION (hrs): 24

MUD PROPERTIES

MUD TYPE : BRINE-STARCH
MUD WT. (#/gal) : 9.90

WATER LOSS (cc) : 10.4
FILTER CAKE (in) : 1/32
VISCOSITY (sec) : 33

CHLORIDE PPM : 118000
RESISTIVITY(ohm-m): .060

EQUIPMENT DATA

CONVENTIONAL : YES
STRADDLE : NO
SELECTIVE ZONE : NO
SAMPLE CHAMBER : YES
GAS ANALYSIS : NO

ROTARY JARS : YES
NO. OF PACKERS : 2
SAFETY JOINT : YES
CIRCULATING SUB : YES
REVERSED OUT : NO

MULTIFLOW : NO
MILEAGE : NO
OPERATOR TIME : NO
OTHER : YES
STARBURST ELECTRONIC

SUCCESSFUL : NO

PACKER FAILURE : YES

TOOL PLUG : NO

DECIDED NOT TO TEST : NO

FAIL TO REACH BOTTOM : NO

TIME INTERVAL DATA (min)

TOOL OPENED : 8:30 AM

TOTAL TEST TIME: 5

INITIAL FLOW : 5
SECOND FLOW : 0
THIRD FLOW : 0

INITIAL SHUT-IN: 0
SECOND SHUT-IN : 0
THIRD SHUT IN : 0

TEST TOOL OPERATOR: RANDY MYERS