



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

TEST DATE : 10/31/97
D.S.T. NO. : 1
TEST TKT. NO. : 19865
INVOICE NO. : 18087
ORDER NO. :

FORMATION : SAN ANDRES
INTERVAL (ft) : 4965 TO 5029
TOTAL DEPTH (ft) : 5029
ELEVATION (ft) : 3944

HOLE SIZE (in) : 7.875
DRILL PIPE ID (in) : 3.64
DRILL COLLAR ID(in): 2.25
DRILL COLLAR feet : 714

ANCHOR LENGTH (ft): 64
TOOL LENGTH (ft) : 77
TOOL O.D. (in) : 5
PACKER SIZE (in) : 7.000

RECORDER DATA
AK1-KUSTER / AMERADA

TOP RECORDER: IN
RECORDER NO. : 86973
CAPACITY (psi): 10000
DEPTH (ft) : 4945
CLOCK NO. : 86973
DURATION (hrs): 96

BOTTOM RECORDER: OUT
RECORDER NO. : 6232
CAPACITY (psi): 6975
DEPTH (ft) : 5026
CLOCK NO. : 17180
DURATION (hrs): 24

MUD PROPERTIES

MUD TYPE : CUT BRINE
MUD WT. (#/gal) : 8.50

WATER LOSS (cc) :
FILTER CAKE (in) : 1/32
VISCOSITY (sec) : 28

CHLORIDE PPM : 70000
RESISTIVITY(ohm-m): .059

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
AMERADA ELECTRONIC

SUCCESSFUL : YES

PACKER FAILURE : NO
TOOL PLUG : NO

DECIDED NOT TO TEST : NO

FAIL TO REACH BOTTOM : NO

TIME INTERVAL DATA (min)

TOOL OPENED : 1:47 AM

TOTAL TEST TIME: 368

INITIAL FLOW : 30
SECOND FLOW : 40
THIRD FLOW :

INITIAL SHUT-IN: 59
SECOND SHUT-IN : 239
THIRD SHUT IN :

TEST TOOL OPERATOR: KEN THOMPSON