

EQUIPMENT & HOLE DATA

FORMATION TESTED: WOLFCAMP

NET PAY (ft): 12.0

GROSS TESTED FOOTAGE: 55.3

ALL DEPTHS MEASURED FROM: KB

CASING PERFS. (ft): _____

HOLE OR CASING SIZE (in): 7.875

ELEVATION (ft): 3915.0 GROUND LEVEL

TOTAL DEPTH (ft): 10446.0

PACKER DEPTH(S) (ft): 10386, 10391

FINAL SURFACE CHOKE (in): 0.25000

BOTTOM HOLE CHOKE (in): 0.750

MUD WEIGHT (lb/gal): 8.40

MUD VISCOSITY (sec): _____

ESTIMATED HOLE TEMP. (°F): _____

ACTUAL HOLE TEMP. (°F): 144 @ 10442.0 ft

TICKET NUMBER: 22053500

DATE: 9-21-85 TEST NO: 2

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:
HOBBS

TESTER: J. BROWN
L. TANKERSLEY

WITNESS: JUNIOR LEVERETT

DRILLING CONTRACTOR:
MORANCO #7

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>PIT SAMPLE</u>	<u>2.140 @ 70 °F</u>	<u>3500 ppm</u>
<u>TOP FLUID (100% OIL)</u>	<u>38.200 @ 60 °F</u>	<u>PPM</u>
<u>FIRST CHANGE</u>	<u>2.850 @ 70 °F</u>	<u>2500 ppm</u>
<u>SAMPLER (100% OIL)</u>	<u>41.000 @ 60 °F</u>	<u>PPM</u>
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

Psig AT SURFACE: 480.0

cu.ft. OF GAS: 1.320

cc OF OIL: 1400.0

cc OF WATER: _____

cc OF MUD: _____

TOTAL LIQUID cc: 1400.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): 41.0 @ 60 °F

GAS/OIL RATIO (cu.ft. per bbl): 150 /1

GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
<u>WATER (FT.)</u>	<u>1000.0</u>	<u>8.33</u>

RECOVERED:

1000' OF WATER
232' OF DRILLING FLUID
426' OF OIL

MEASURED FROM
TESTER VALVE

REMARKS:

OPERATOR REPORTED 2.825 CUBIC FEET OF GAS IN SAMPLER CHAMBER.
G.O.R. OF 320:1
CALCULATE 1.32 CUBIC FEET OF GAS FROM PRESSURE AND LIQUID IN SAMPLER.
G.O.R. OF 150:1
TOP OF FLUID WAS 100% OIL WITH GRAVITY OF 38.2 @ 60 DEGREES F.
SAMPLER WAS 100% OIL WITH GRAVITY OF 41 @ 60 DEGREES F.

RECEIVED

OCT 23 1985

**O.C.D.
HOBBS OFFICE**