

## EQUIPMENT & HOLE DATA

FORMATION TESTED: DELAWARE

NET PAY (ft): 19.0

GROSS TESTED FOOTAGE: 21.0

ALL DEPTHS MEASURED FROM: 15' K.B.

CASING PERFS. (ft): \_\_\_\_\_

HOLE OR CASING SIZE (in): 7.875

ELEVATION (ft): 3635.0 GROUND LEVEL

TOTAL DEPTH (ft): 5643.0

PACKER DEPTH(S) (ft): 5617. 5622

FINAL SURFACE CHOKE (in): 0.25000

BOTTOM HOLE CHOKE (in): 0.750

MUD WEIGHT (lb/gal): 8.60

MUD VISCOSITY (sec): 31

ESTIMATED HOLE TEMP. (°F): \_\_\_\_\_

ACTUAL HOLE TEMP. (°F): 108 @ 5639.0 ft

TICKET NUMBER: 54809300

DATE: 1-7-88 TEST NO: 1

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:  
HOBBS

TESTER: JIM TULL

WITNESS: MR. SAM SNOW

DRILLING CONTRACTOR:  
WILBROS RIG #12

## FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>MUD PITS</u>	<u>0.740 @ 60 °F</u>	<u>5958 ppm</u>
<u>TOP OF RECOVERY-OIL</u>	<u>° °F</u>	<u>ppm</u>
<u>TOOL TOP - OIL</u>	<u>° °F</u>	<u>ppm</u>
<u>SAMPLER-OIL</u>	<u>° °F</u>	<u>ppm</u>
_____	<u>° °F</u>	<u>ppm</u>
_____	<u>° °F</u>	<u>ppm</u>

## SAMPLER DATA

P<sub>sig</sub> AT SURFACE: 235.0

cu.ft. OF GAS: 0.530

cc OF OIL: 1550.0

cc OF WATER: \_\_\_\_\_

cc OF MUD: 50.0

TOTAL LIQUID cc: 1600.0

## HYDROCARBON PROPERTIES

OIL GRAVITY (°API): 38.2 @ 60 °F  
GAS/OIL RATIO (cu.ft. per bbl): 54 SAM.  
GAS GRAVITY: \_\_\_\_\_

## CUSHION DATA

TYPE	AMOUNT	WEIGHT
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## RECOVERED :

816 FEET OF OIL  
124 FEET OF OIL CUT DRILLING FLUID  
940 TOTAL FEET (APPROXIMATELY 7.6 BARRELS)

MEASURED FROM  
TESTER VALVE

## REMARKS :

CHARTS INDICATE COMMUNICATION OF HYDROSTATIC PRESSURE AROUND THE PACKER SEAT DURING ALL 3 CLOSED IN PERIODS. THE COMMUNICATION OF HYDROSTATIC PRESSURE THAT OCCURRED IN THE FIRST AND SECOND CLOSED IN PERIODS APPEARS TO HAVE EQUALIZED WITH THE MUD HYDROSTATIC. POINTS "D" AND "G" SHOULD NOT BE CONSIDERED REPRESENTATIVE OF FORMATION PRESSURE RESPONSE. POINT "J" SHOULD BE CONSIDERED QUESTIONABLE.  
CHARTS ALSO INDICATE POSSIBLE PARTIAL PLUGGING OF THE ANCHOR PIPE PERFORATIONS DURING THE THIRD FLOW.