STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Liberty Ent. Inc. LOCATION OF WELL: SE-NE-NE
LEASE Liebenau OF Sec. 19 T 7 S R 17 W
WELL NO. 8 COUNTY Rocks
FIELD Riffe PRODUCING FORMATION Arbuckle

PB-3318 Date taken: Sept. 30-1982 Date effective

Well Depth 3325 Top Prod. Form 3228 Perfs 3229-37
Casing: Size 5'2" Wt. Depth 3323 Acid
Tubing: Size 2-7/8 Depth of Perfs 3303 Gravity 24° " 60°
Pump: Type Insert Bore 1-7/2

Well Stats Pumping, flowing, etc. 990°FNL
STATUS BEFORE TEST: 330°FEL

PRODUCED 24 HOURS
SHUT IN _______ HOURS

DURATION OF TEST HOURS 12 MINUTES 45 SECONDS

GAUGES: WATER INCHES ______ PERCENTAGE
OIL INCHES 100 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 113.00
WATER PRODUCTION RATE (BARRELS PER DAY)
OIL PRODUCTION RATE (BARRELS PER DAY) 113 PRODUCTIVITY
STROKES PERMINUTE 7
LENGTH OF STROKE 6-4 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS

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WITNESSES:

[Signatures]

FOR STATE FOR OPERATOR FOR OFFSET