STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Apache Corp.
LEASE Walker Miller
WELL NO. 10
FIELD Riffe
PRODUCING FORMATION Arbuckle

Date Taken Dec. 2, 1986 Date Effective

Well Depth 3231 Top Prod. Form 3225 Perfs
Casing: Size 5 1/2 Wt. Depth 3226 Acid
Tubing: Size 2 7/8 Depth of Perfs 3205 Gravity 22° 860°
Pump: Type Insert Bore 1/2 Purchaser Koch

Well Status Pumping, flowing, etc.

TEST DATA

Permanent Field Special

Flowing Swabbing (Pumping)

STATUS BEFORE TEST:

PRODUCED 24 HOURS
SHUT IN 0 HOURS

DURATION OF TEST 15 MINUTES 0 SECONDS

GAUGES: WATER INCHES 40 PERCENTAGE
OIL INCHES 60 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 96.00
WATER PRODUCTION RATE (BARRELS PER DAY) 38.40
OIL PRODUCTION RATE (BARRELS PER DAY) 58.00

PRODUCTIVITY

STROKES PER MINUTE 8/10

LENGTH OF STROKE 44 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS

36

96

46

38.40

37.60

96.00

WITNESSES:

FOR STATE:

Dale Balthazor

FOR OPERATOR:

Roland Dyer

FOR OFFSET:

STATE CORPORATION COMMISSION

12-5-86

Witness: