

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

15-101-21821-0000

OPERATOR Ritchie LOCATION OF WELL NW SE NE 32-16-30
 LEASE Stewart A 32 OF SEC. 32 T 16 R 30 W
 WELL NO. 1 COUNTY Lane
 FIELD _____ PRODUCING FORMATION Myrick, F.S., Cherokee, Johnson
 Date Taken 1-9-04 Date Effective 1-9-04
 Well Depth 4636 Top Prod. Form 4442.5 Perfs 4442.5-46.5-4476-80-4490-92
 Casing: Size 4 1/2 Wt. _____ Depth 4633' Acid 4000 gal 4524-36'
 Tubing: Size 2 3/8" Depth of Perfs 4594 Gravity 30.6
 Pump: Type Insert Bore 2" x 1 1/2" x 12' Purchaser Link
 Well Status Pumping
 Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping X

STATUS BEFORE TEST:

PRODUCED 24 HOURS

SHUT IN _____ HOURS

DURATION OF TEST _____ HOURS 72 MINUTES 5 SECONDS

GAUGES: WATER _____ INCHES _____ PERCENTAGE

OIL _____ INCHES _____ PERCENTAGE

RECEIVED

JAN 16 2004

KCC WICHITA

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 20

WATER PRODUCTION RATE (BARRELS PER DAY) 2

OIL PRODUCTION RATE (BARRELS PER DAY) 18 PRODUCTIVITY

STROKES PER MINUTE 8 1/2

LENGTH OF STROKE 44 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS _____

WITNESSES:

Michael J. Marc
FOR STATE

Bennie Ditch
FOR OPERATOR

FOR OFFSET