

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

CS

PRODUCTIVITY TEST
BARREL TEST

15-175-20639-0002

OPERATOR SAGE DRILLING COMPANY LOCATION OF WELL 15-175-20639-00-02
 LEASE BLACK OF SEC. 1 T 34 R 31
 WELL NO. 4-1 COUNTY Seward
 FIELD Kismet PRODUCING FORMATION Toronto
 Date Taken 2-5-90 Date Effective 2-5-90
 Well Depth 4376 Top Prod. Form 4340 Perfs 4340 - 4356
 Casing: Size 5 1/2" Wt. 14# Depth 5930 Acid None
 Tubing: Size 2 3/8" Depth of Perfs 4356 Gravity 39.5°
 Pump: Type Tubing Bore 2" x 1 3/4" x 16' Purchaser TEXACO
 Well Status PUMPING
Pumping, flowing, etc.

TEST DATA

Permanent Field X Special
 Flowing Swabbing Pumping X

STATUS BEFORE TEST:

PRODUCED 24 HOURS
 SHUT IN 0 HOURS
 DURATION OF TEST 24 HOURS 0 MINUTES 0 SECONDS
 GAUGES: WATER 107.78 INCHES 91.4 PERCENTAGE
 OIL 10.18 INCHES 8.6 PERCENTAGE
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 197
 WATER PRODUCTION RATE (BARRELS PER DAY) 180
 OIL PRODUCTION RATE (BARRELS PER DAY) 17 PRODUCTIVITY
 STROKES PER MINUTE 9
 LENGTH OF STROKE 74 INCHES
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.
 COMMENTS

WITNESSES:

Albert T. Ruedro
FOR STATE

Frank [Signature]
FOR OPERATOR

STATE CORPORATION COMMISSION
FOR OFFSET

JUL 12 1990
07-12-90
CONSERVATION DIVISION
Wichita, Kansas