

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST  
BARREL TEST

Initial Test

OPERATOR A.L. Abercrombie LOCATION OF WELL SW. SW. SW  
 LEASE Bertrand OF SEC. 26 T 17 R 33 W  
 WELL NO. E-2 COUNTY Logan  
 FIELD \_\_\_\_\_ PRODUCING FORMATION Johnson  
 Date Taken 10-13-1987 Date Effective OCT 1 1987  
 Well Depth 4680 Top Prod. Form 4590 Perfs 4590-96  
 Casing: Size 4 1/2 Wt. \_\_\_\_\_ Depth 4677 Acid 500 gal  
 Tubing: Size 2 3/8 Depth of Perfs 4642 Gravity 26.7 @ 60°  
 Pump: Type Insert Bore 1 1/2 Purchaser Koch

PB  
4647

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 \_\_\_\_\_ HOURS 53 MINUTES 0 SECONDS

GAUGES: WATER \_\_\_\_\_ INCHES 72 PERCENTAGE  
 OIL \_\_\_\_\_ INCHES 78 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 27.20

WATER PRODUCTION RATE (BARRELS PER DAY) 5.98

OIL PRODUCTION RATE (BARRELS PER DAY) 21.2 PRODUCTIVITY

STROKES PER MINUTE 9

LENGTH OF STROKE 54 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
27.2  
78  
2176  
1904  
21.216

WITNESSES: [Signature]  
 FOR STATE \_\_\_\_\_ FOR OPERATOR B.E. Sowles STATE FOR OFFSET \_\_\_\_\_

OCT 15 1987