STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR: Cities Svc Oil & Gas Inc
LEASE: Hubbard
LOCATION OF WELL: OF SEC. 29 T 3 R 36 N
WELL NO.: C-1
FIELD: Colia South
PRODUCING FORMATION: Cherokee

PB: 4692
Well Depth: 4710
Top Prod. Form: 4604
Perf: 4634-39
Casing: Size: 5¾
Wt.: 4706
Depth: 500 gal.
Tubing: Size: 2¾
Depth of Perf: 4629
Gravity: 24.6° @ 32° F
Pump: Type: 12872
Length of Bore: 40
Purchaser: Permian
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: 36 MINUTES 0 SECONDS
GAUGES:
WATER: 0 INCHES 0 PERCENTAGE
OIL: 100 INCHES 100 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY): 40.00
WATER PRODUCTION RATE (BARRELS PER DAY):
OIL PRODUCTION RATE (BARRELS PER DAY): 40
PRODUCTIVITY
STROKES PER MINUTE: 10
LENGTH OF STROKE: 48 INCHES
REGULAR PRODUCING SCHEDULE: 24 HOURS PER DAY.

COMMENTS:

WITNESSES:
FOR STATE: [Signature]
FOR OPERATOR: [Signature]
FOR OFFSET: [Signature]