STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR: Cities Svcs Oil & Gas, Inc.
 LOCATION OF WELL: 1830 FEL, 660 FNL NW-NE

LEASE: Hubbard
 OF SEC. 29 T 3 R 36 W

WELL NO.: C-1
 COUNTY: Rawlins

FIELD: Colia South
 PRODUCING FORMATION: Cherokee

Date Taken: Dec. 7, 1984
 Date Effective:

PB 4692
Well Depth: 4710
Top Prod. Form: 4604
Perfs: 4634-39

Casing: Size: 5 7/8
Wt.: 4706
Depth: Acid: 500 gal.

Tubing: Size: 2 3/8
Depth of Perfs: 4629
Gravity: 24.6° B. 32

Pump: Type: Inline Valve Bore: 2 7/8
Purchaser: Permanent

Well Status: Pumping, flowing, etc.

TEST DATA

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


RECEIVED
STATE CORPORATION COMMISSION
DEC 7 1984

WITNESSES
FOR STATE
FOR OPERATOR
FOR OFFSET