STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR  Cities Oil & Gas  LOCATION OF WELL NW-NE-NW
LEASE  Hubbard  OF SEC. 29 T 3 R 36
WELL NO.  D-1  COUNTY Rawlins
FIELD  cella  PRODUCING FORMATION  cherokee

PA4725  Date Taken Nov. 1, 1985  Date Effective

Well Depth 4740  Top Prod. Form 4634  Perfs 4656-63
Casing: Size 5 1/2  Wt. Depth 4739  Acid 1000 gel.
Tubing: Size 2 3/8  Depth of Perfs 4656  Gravity 29° 8 60°
Pump: Type Insert  Bore 1 7/8  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 57 MINUTES 0 SECONDS

GAUGES:
WATER INCHES 0 PERCENTAGE
OIL INCHES 100 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 25.20
WATER PRODUCTION RATE (BARRELS PER DAY) —
OIL PRODUCTION RATE (BARRELS PER DAY) 25 PRODUCTIVITY

STROKES PER MINUTE 10
LENGTH OF STROKE 48 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS


WITNESSES:

FOR OPERATOR

RECEIVED

FOR OFFSET

NOV 6, 1985

CONSERVATION DIVISION
Wichita, Kansas

NEW YORK 11-6-85