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STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR AMERICAN ENERGIES CORP LOCATION OF WELL SE-SW-SW
 LEASE HILTABIDNE OF SEC. 28 T 16S R 21W
 WELL NO. C 1 COUNTY NESS
 FIELD SOLLY NW PRODUCING FORMATION CHER.
 Date Taken 5-9-90 Date Effective _____
 Well Depth 4270' Top Prod. Form CHER Perfs 4170 1/2 TO 4171 1/2
439' TO 4141'
 Casing: Size 5 1/2 Wt. 14 # Depth 4269 Acid _____
 Tubing: Size 2 7/8" Depth of Perfs _____ Gravity 44
 Pump: Type TB6 Pump Bore 2 1/4" Purchaser CENTRAL CRUDE
 Well Status Pumping
 Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping

STATUS BEFORE TEST:

PRODUCED 24 HOURS
 SHUT IN — HOURS

DURATION OF TEST 24 HOURS _____ MINUTES _____ SECONDS _____

GAUGES: WATER _____ INCHES _____ PERCENTAGE
 OIL _____ INCHES _____ PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 576
 WATER PRODUCTION RATE (BARRELS PER DAY) 546.44
 OIL PRODUCTION RATE (BARRELS PER DAY) 34.56 PRODUCTIVITY
 STROKES PER MINUTE 12
 LENGTH OF STROKE 100" INCHES
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS _____

WITNESSES:

Dan Johnson
 FOR STATE

R.W. Jackson
 FOR OPERATOR

RECEIVED
 STATE CORPORATION COMMISSION
 FOR OFFSET

MAY 15 1990