

STATE OF KANSAS - CORPORATION COMMISSION  
PRODUCTION TEST & GOR REPORT

JUN 1 1988

Form C-5 Revised

Conservation Division

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 6-13-88  
Company: Heller Drilling Company Lease: Kate Well No. #2

County: Ford Location: NW SW NE Section: 35 Township: 25S Range: 21W Acres:

Field: Coon Creek North Reservoir: Single Oil Miss Pipeline Connection: Clear Creek

Completion Date: 4-28-88 Type Completion (Describe): Single Oil Plug Back T.D.: 4813 Packer Set At: NONE

Production Method: Pumping Type Fluid Production: Oil + Water API Gravity of Liquid/Oil: 40°

Flowing Casing Size: 5 1/2" Weight: I.D. Set At: 4830 Perforations: 4751-54 To: 4755-57

Tubing Size: 2 3/8 Weight: I.D. Set At: 7728 Perforations: To:

Pretest: Starting Date: Time: Ending Date: Time: Duration Hrs.:

Test: Starting Date: 6-12-88 Time: 3:00p Ending Date: 6-13-88 Time: 3:00p Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Table with columns: Producing Wellhead Pressure, Separator Pressure, Choke Size, Casing, Tubing, Bbls./In., Tank, Starting Gauge, Ending Gauge, Net Prod. Bbls. (Water, Oil). Includes test data for Pretest, Test, and Test.

GAS PRODUCTION OBSERVED DATA

Table with columns: Orifice Meter Connections, Orifice Meter Range, Pipe Taps, Flange Taps, Differential, Static Pressure, Measuring Device, Run-Prover-Tester Size, Orifice Size, Meter-Prover-Tester Pressure, Diff. Press., Gravity, Flowing Temp.

GAS FLOW RATE CALCULATIONS (R)

Table with columns: Coeff. (Fb), MCFD (Fp), Meter-Prover Press. (Psia), Extension (Pm), Gravity Factor (Fg), Flowing Temp. Factor (Ft), Deviation Factor (Fpv), Chart Factor (Fd).

Gas Prod. MCFD: Flow Rate (R): Oil Prod. Bbls./Day: 80 Gas/Oil Ratio (GOR) = Cubic Ft. per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 13 day of JUNE 1988

For Offset Operator

For State

For Company

PRODUCTIVITY TEST  
BARREL TEST

OPERATOR \_\_\_\_\_ LOCATION OF WELL \_\_\_\_\_  
 LEASE \_\_\_\_\_ OF SEC. T \_\_\_\_\_ R \_\_\_\_\_  
 WELL NO. \_\_\_\_\_ COUNTY \_\_\_\_\_  
 FIELD \_\_\_\_\_ PRODUCING FORMATION \_\_\_\_\_  
 Date Taken \_\_\_\_\_ Date Effective \_\_\_\_\_  
 Well Depth \_\_\_\_\_ Top Prod. Form \_\_\_\_\_ Perfs \_\_\_\_\_  
 Casing: Size \_\_\_\_\_ Wt. \_\_\_\_\_ Depth \_\_\_\_\_ Acid \_\_\_\_\_  
 Tubing: Size \_\_\_\_\_ Depth of Perfs \_\_\_\_\_ Gravity \_\_\_\_\_  
 Pump: Type \_\_\_\_\_ Bore \_\_\_\_\_ Purchaser \_\_\_\_\_  
 Well Status \_\_\_\_\_  
 Pumping, flowing, etc.

TEST DATA

Permanent \_\_\_\_\_ Field \_\_\_\_\_ Special \_\_\_\_\_  
 Flowing \_\_\_\_\_ Swabbing \_\_\_\_\_ Pumping \_\_\_\_\_

STATUS BEFORE TEST:

PRODUCED \_\_\_\_\_ HOURS  
 SHUT IN \_\_\_\_\_ HOURS  
 DURATION OF TEST \_\_\_\_\_ HOURS \_\_\_\_\_ MINUTES \_\_\_\_\_ SECONDS  
 GAUGES: WATER \_\_\_\_\_ INCHES \_\_\_\_\_ PERCENTAGE  
 OIL \_\_\_\_\_ INCHES \_\_\_\_\_ PERCENTAGE  
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 20  
 WATER PRODUCTION RATE (BARRELS PER DAY) \_\_\_\_\_  
 OIL PRODUCTION RATE (BARRELS PER DAY) \_\_\_\_\_ PRODUCTIVITY  
 STROKES PER MINUTE \_\_\_\_\_  
 LENGTH OF STROKE \_\_\_\_\_ INCHES  
 REGULAR PRODUCING SCHEDULE \_\_\_\_\_ HOURS PER DAY.

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

WITNESSES:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 FOR STATE \_\_\_\_\_ FOR OPERATOR \_\_\_\_\_ FOR OFFSET \_\_\_\_\_