

NP

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division  
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE  
 Company Ritchie Exploration Inc Lease Dedeeding Well No. 1  
 County Renov Location SENEKE/4 Section 10 Township 26 Range 10 W Acres  
 Field Wild Cat Reservoir Mississippi Pipeline Connection Koch. Oil Co.  
 Completion Date 3-16-93 Type Completion (Describe) Plug Back T.D. Packer Set At

Production Method: Pumping Type Fluid Production API Gravity of Liquid/Oil  
 Flowing Casing Size 5 1/2 Weight I.D. Set At 4043 Perforations To 3920 - 3944  
 Tubing Size 2 7/8 Weight I.D. Set At 4001 Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.  
 Test: Starting Date 3-25-93 Time 9:30 Ending Date 3-26-93 Time 2:30 Duration Hrs. 24 hrs.

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	<u>200</u>	<u>42352</u>	<u>2</u>	<u>0 1/2</u>	<u>41</u>	<u>2</u>	<u>4</u>	<u>47</u>	<u>5</u> <u>6</u>
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps:		Flange Taps:		Differential:		Static Pressure:	
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester In. Water	Pressure In. Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm) / sqrt(hw x Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD Flow Rate (R): Oil Prod. Bbls./Day: 6 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 3rd day of MARCH 1993

For Offset Operator [Signature] For State [Signature] For Company [Signature]

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

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) \_\_\_\_\_

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