

15-065- 22 481-00-00

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT

JUN 1 1989

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Ritchie Exploration Inc. Lease: Schuck 9B Well No.: #1

County: Graham Location: LKC, SW-SW-22 NW Section: 9 Township: 9 Range: 10-23 Acres:

Field: Norham So. Reservoir: LKC Pipeline Connection: Koch

Completion Date: Type Completion (Describe): Pumping Plug Back T.D.: 3845 Packer Set At:

Production Method: Type Fluid Production: API Gravity of Liquid/Oil:

Flowing: Pumping Gas Lift:

Casing Size: 4 1/2 Weight: I.D. Set At: 3844 Perforations: 3617-20 To:

Tubing Size: 2 3/8 Weight: I.D. Set At: 3808 Perforations: To:

Pretest: Duration Hrs.

Starting Date: Time: Ending Date: Time:

Test: Duration Hrs.

Starting Date: 6-1-89 Time: 10:30 Ending Date: 6-2-89 Time: 10:30 Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size					
Casing:	Tubing:									
Bbls./In.	Tank	Starting Gauge			Ending Gauge		Net Prod. Bbls.			
1.67	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil	
Pretest:	<u>200</u>	<u>170456</u>	<u>4</u>	<u>2</u>	<u>83.57</u>	<u>7</u>	<u>8</u>	<u>15368</u>	<u>40</u>	<u>70.03</u>
Test:								<u>83.57</u>		
Test:								<u>70.03</u>		

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections		Orifice Meter Range						
Pipe Taps:	Flange Taps:	Differential:			Static Pressure:			
Measuring Device	Run-Prover-Tester	Orifice Size	Meter-Orifice	Prover-Tester	Pressure	Diff. Press.	Gravity	Flowing
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter	STATE CORPORATION COMMISSION							
Critical Flow Prover	JUN 6 1989							
Orifice Well Tester	CONSERVATION DIVISION Wichita, Kansas							

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD Flow Rate (R): Oil Prod. Bbls./Day: 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 _____ day of _____ 19_____

For Offset Operator: Gilbert Paltz For State: _____ For Company: Tom Post

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