

15-065-22452-00-00

STATE OF KANSAS - CORPORATION COMMISSION  
PRODUCTION TEST & GOR REPORT

JUN 1 1989 442

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Ritchie Exploration Inc. Lease: F & M Bank Well No.: #1-

County: Graham Location: 150' S of SE-SE Section: 13 Township: 6 Range: 23 Acres:

Field: MT. Vernon North (Revival) Reservoir: Pipeline Connection: X ock

Completion Date: Type Completion (Describe): Pumping Plug Back T.D.: 3820 Packer Set At:

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

Flowing Pumping Gas Lift

Casing Size: 4 1/2 Weight: I.D. Set At: 3805 Perforations: 3602-06 To:

Tubing Size: 2 3/8 Weight: I.D. Set At: 3782 Perforations: To:

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

Test: Starting Date: 6-1-89 Time: 9:45 Ending Date: 6-2-89 Time: 9:45 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.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
1.67									
Pretest:	200	170440	2	4	46.84	2	11 3/4	59.81	140 12.97
Test:								46.84	
Test:								12.97	

GAS PRODUCTION OBSERVED DATA

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

GAS FLOW RATE CALCULATIONS (R)

Coeff. (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: [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