

15-153-20460-00-01 ✓

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

NOV 1 1988 Form C-5 Revised

Conservation Division

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: \_\_\_\_\_  
 Lease Well No. \_\_\_\_\_  
 Company Viking Resources Location Vap  
 County Rawlins Section 4 Township 1 Range 33 Acres \_\_\_\_\_  
 Field Oread Reservoir \_\_\_\_\_ Pipeline Connection matador  
 Completion Date 8-88 Type Completion(Describe) \_\_\_\_\_ Plug Back T.D. 4174 Packer Set At 4053  
 Production Method: 8 1/2 x 4 1/2 Type Fluid Production oil API Gravity of Liquid/Oil 23 @ 60°  
 Flowing Pumping Gas Lift \_\_\_\_\_  
 Casing Size 4 1/2 Weight \_\_\_\_\_ I.D. 4173 Set At \_\_\_\_\_ Perforations 3798 - 3801 To \_\_\_\_\_  
 Tubing Size 2 3/8 Weight \_\_\_\_\_ I.D. 4050 Set At \_\_\_\_\_ Perforations \_\_\_\_\_ To \_\_\_\_\_

Pretest: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
 Starting Date \_\_\_\_\_ Time \_\_\_\_\_ Ending Date \_\_\_\_\_ Time \_\_\_\_\_  
 Test: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
 Starting Date 9.21.88 Time 10:50AM Ending Date 9.22.88 Time 10:50AM 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
<u>1.67</u>									
Pretest:									
Test:	<u>200</u>	<u>124925</u>	<u>8</u>	<u>9</u>		<u>9</u>	<u>5</u>	<u>13.36</u>	
Test:	<u>200</u>	<u>124927</u>	<u>0</u>	<u>1</u>		<u>0</u>	<u>8</u>	<u>11.69</u>	<u>31 25</u>

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range				
Pipe Taps:	Flange Taps:	RECEIVED	Differential:		Static Pressure:		
Measuring Device	Run-Prover-Tester Size	DATE CORRECTED	Prover-Tester Pressure	Diff. Press.	Gravity	Flowing	
	Tester Size	Size	In. W.C.	Merc. Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter		<u>NOV 14 1988</u>					
Critical Flow Prover		<u>11-14-88</u>					
Orifice Well Tester		<u>CONSERVATION DIVISION</u> <u>Wichita, Kansas</u>					

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 \_\_\_\_\_ 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 Walt Batterson For State off. Gauge For Company Phil Barber

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