

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-163-22971-00-00  
 MAY 1 1988

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Viking Resources Lease: Collins Well No.: 3

County: Boone Location: 2310 FE Section: 5 Township: 10 Range: 16 Acres:

Field: Boone Reservoir: LKC Pipeline Connection:

Completion Date: 4-12-88 Type Completion(Describe): Keck Plug Back T.D.: 3294 Packer Set At:

Production Method: Pumping Type Fluid Production: Oil API Gravity of Liquid/Oil: 37.5 @ 60°

Casing Size: 4 1/2 Weight: I.D. Set At Perforations To

Tubing Size: 2 1/2 Weight: I.D. Set At Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date Time Ending Date Time Duration 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:									5	4
Test:										
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-In. Water	Tester Pressure In. Merc.	Tester Pressure 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)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD: \_\_\_\_\_ Oil Prod. Bbls./Day: \_\_\_\_\_ Gas/Oil Ratio (GOR) = \_\_\_\_\_

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 \_\_\_\_\_ 1988

For Offset Operator: \_\_\_\_\_ For State: \_\_\_\_\_ For Company: \_\_\_\_\_

STATE OF KANSAS RECEIVED CORPORATION COMMISSION MAY 05 1988 CONSERVATION DIVISION Wichita, Kansas Form C-5 (5/88)

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST  
BARREL TEST

OPERATOR Viking Resources LOCATION OF WELL \_\_\_\_\_  
 LEASE Collins OF SEC. 5 T 10 R 16  
 WELL NO. 3 COUNTY Rocky  
 FIELD \_\_\_\_\_ PRODUCING FORMATION LKC  
 Date Taken 4-12-89 Date Effective \_\_\_\_\_  
 Well Depth 3100 (PTD) 3357 Top Prod. Form 3253 Perfs 3253-3254  
 Casing: Size 4 1/2 Wt. \_\_\_\_\_ Depth 3380 Acid 500 Gal. Jan. 1988  
 Tubing: Size 2 1/8 Depth of Perfs 3294 Gravity 37.5 @ 60"  
 Pump: Type Insert Bore 1 1/2 Purchaser Rocky  
 Well Status Pumping  
 Pumping, flowing, etc.

TEST DATA

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

STATUS BEFORE TEST:

PRODUCED 24 HOURS  
 SHUT IN 0 HOURS  
 DURATION OF TEST 1 HOURS 50 MINUTES \_\_\_\_\_ SECONDS  
 GAUGES: WATER 11 1/4 INCHES 45 PERCENTAGE  
 OIL 13 3/4 INCHES 55 PERCENTAGE  
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 11  
 WATER PRODUCTION RATE (BARRELS PER DAY) 5  
 OIL PRODUCTION RATE (BARRELS PER DAY) 6 PRODUCTIVITY  
 STROKES PER MINUTE 4 1/2  
 LENGTH OF STROKE 27 INCHES  
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.  
 COMMENTS Initial Test

WITNESSES:

James Batthay  
FOR STATE

William E. Hammel  
FOR OPERATOR

FOR OFFSET