

15-193-20485-00-06

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division  
 TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE:  
 Company #03372 Lease Ostmeyer KCC ZAP Well No. #1  
 County Morrison-Dixon Location C 3/4-SW-SE 32 Township 329 Range 931W Acres 21  
 Field ? Reservoir LKC. Pipeline Connection Kech-  
 Completion Date Type Completion(Describe) Pumping Plug Back T.D. 4680 Packer Set At  
 Production Method: Type Fluid Production Crude API Gravity of Liquid/Oil 39.3 @ 39°  
 Flowing Pumping Gas Lift Casing Size 4 1/2 Weight I.D. Set At 4683 Perforations To 4320  
 Tubing Size 2 3/8 Weight I.D. Set At 4357 Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.  
 Test: Starting Date 1-11-90 Time 9:00 AM Ending Date 1-11-90 Time 1:00 PM Duration Hrs. 4

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:	250	144720	2	10	56.90	3	8 1/4	74.00	0
Test:	Stuck		10					56.90	
Test:	Leak		57					718.10	108.6

GAS PRODUCTION OBSERVED DATA

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

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm) / hw x 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

*Galbert Balthazar*  
 For State

*Donald Tector*  
 For Company

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