

STATE CORPORATION COMMISSION OF KANSAS; CONSERVATION DIVISION

PRODUCTIVITY TEST  
BARREL TEST

OPERATOR AIG LOCATION OF WELL SENESEW  
LEASE Dechant B OF SEC. 23 T 16 R 18  
WELL NO. #1 COUNTY Rush  
FIELD \_\_\_\_\_ PRODUCING FORMATION L-KC

Date Taken 11-1-94 11-2-94 Date Effective \_\_\_\_\_

Well Depth 3620 Top Prod. Form \_\_\_\_\_ Perfs 3497-3500  
Casing: Size 4 1/2 Wt. 10<sup>4</sup> Depth 3618 Acid \_\_\_\_\_  
Tubing: Size 2 3/8 Depth of Perfs \_\_\_\_\_ Gravity 39.5  
Pump: Type insert Bore 1 1/2 Purchaser NCR A

Well Status Pumping  
Pumping, flowing, etc. \_\_\_\_\_

TEST DATA

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

STATUS BEFORE TEST:

PRODUCED \_\_\_\_\_ HOURS

SHUT IN \_\_\_\_\_ HOURS

DURATION OF TEST 24 HOURS \_\_\_\_\_ MINUTES \_\_\_\_\_ SECONDS \_\_\_\_\_

GAUGES: WATER \_\_\_\_\_ INCHES 96 PERCENTAGE

OIL \_\_\_\_\_ INCHES 4 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 188.14

WATER PRODUCTION RATE (BARRELS PER DAY) 180

OIL PRODUCTION RATE (BARRELS PER DAY) 8.14 PRODUCTIVITY

STROKES PER MINUTE 10

LENGTH OF STROKE 64 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS Mail Copy TO - PO Box 458 - Hays 67601

WITNESSES:

Dean Rankin  
FOR STATE

Terry W. Piesker  
FOR OPERATOR

FOR OFFSET

**STATE OF KANSAS - CORPORATION COMMISSION  
PRODUCTION TEST & GOR REPORT**

Conservation Division

Form C-5 Revised

TYPE TEST: Initial    Annual    Workover    Reclassification    TEST DATE:

Company \_\_\_\_\_ Lease \_\_\_\_\_ Well No. \_\_\_\_\_

County \_\_\_\_\_ Location \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ Acres \_\_\_\_\_

Field \_\_\_\_\_ Reservoir \_\_\_\_\_ Pipeline Connection \_\_\_\_\_

Completion Date \_\_\_\_\_ Type Completion(Describe) \_\_\_\_\_ Plug Back T.D. \_\_\_\_\_ Packer Set At \_\_\_\_\_

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

Flowing \_\_\_\_\_ Pumping \_\_\_\_\_ Gas Lift \_\_\_\_\_  
Casing Size \_\_\_\_\_ Weight \_\_\_\_\_ I.D. \_\_\_\_\_ Set At \_\_\_\_\_ Perforations \_\_\_\_\_ To \_\_\_\_\_

Tubing Size \_\_\_\_\_ Weight \_\_\_\_\_ I.D. \_\_\_\_\_ Set At \_\_\_\_\_ Perforations \_\_\_\_\_ To \_\_\_\_\_

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

Test: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
Starting Date 11-1-94 Time 1:00 PM Ending Date 11-2-94 Time 1:00 PM 2 1/2

**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:										
Test:	<u>200R</u>	<u>339</u>	<u>3</u>	<u>1</u>	<u>62</u>	<u>3</u>	<u>6</u>	<u>70.14</u>	<u>180</u>	<u>8.14</u>
Test:										

**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-Prover-Tester	Pressure		Diff. Press.	Gravity	Flowing
			In.Water	In.Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

**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

For State

For Company