

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST  
BARREL TEST

OPERATOR Wabash Energy Corporation LOCATION OF WELL NW-NE  
 LEASE Staircase Ace II OF SEC. 1 T 18 S R 32W  
 WELL NO. 4 COUNTY Scott Co.  
 FIELD Keystone PRODUCING FORMATION Cherokee Ls  
 Date Taken 12-27-95 Date Effective \_\_\_\_\_  
 Well Depth 4638 Top Prod. Form \_\_\_\_\_ Perfs 4542-46  
 Casing: Size 5 1/2 Wt. 15 # Depth 4648 Acid yes  
 Tubing: Size 2 3/8 Depth of Perfs 4560 Gravity 30  
 Pump: Type \_\_\_\_\_ Bore \_\_\_\_\_ Purchaser TCPCCO  
 Well Status Pumping  
 Pumping, Flowing, etc. \_\_\_\_\_

TEST DATA

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

STATUS BEFORE TEST:

PRODUCED 24 HOURS  
 SHUT IN \_\_\_\_\_ HOURS  
 DURATION OF TEST \_\_\_\_\_ HOURS 3 MINUTES 45 SECONDS  
 GAUGES: WATER \_\_\_\_\_ INCHES 1% PERCENTAGE  
 OIL \_\_\_\_\_ INCHES 99% PERCENTAGE  
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 46  
 WATER PRODUCTION RATE (BARRELS PER DAY) .46  
 OIL PRODUCTION RATE (BARRELS PER DAY) 45.54 PRODUCTIVITY  
 STROKES PER MINUTE 6  
 LENGTH OF STROKE 74 INCHES  
 REGULAR PRODUCING SCHEDULE \_\_\_\_\_ HOURS PER DAY.  
 COMMENTS Test Done 5 gal bucket

RECEIVED  
 STATE CORPORATION COMMISSION  
 CONSERVATION DIVISION  
 JAN 05 1996  
 1-5-96  
 WILHITE KANSAS

WITNESSES:

Kenn D. Shultz  
 FOR STATE  
Kris R. [Signature]  
 FOR OPERATOR  
 FOR OFFSET

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

Form C-5 Revised

Conservation Division

**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**    **Time**    **Ending Date**    **Time**

**OIL PRODUCTION OBSERVED DATA**

<u>Producing Wellhead Pressure</u>			<u>Separator Pressure</u>			<u>Choke Size</u>				
<u>Casing:</u>			<u>Tubing:</u>							
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:										
Test:										

**GAS PRODUCTION OBSERVED DATA**

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