

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

15-171-20512-0000
Form C-S Rev.

Conservation Division
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE:
 Company Wabash Energy Corporation Lease Sam Brookover Well No. #1
 County Scott 1980' FNL 680' FWL Location Section 31 Township 17S Range (E/W) 31 Acres 160
 API Well Number 15-171-20512-00-00 Reservoir(s) Marmaton Gas Pipeline Connection No
 Completion Date 4-22-97 Type of Completion (Describe) Cased Hole & Acidize Plug Back I.D. T.D. 4655' Packer Set At None
 Lifting Method: None Pumping Type Liquid Oil & Salt Water
 Casing Size 5 1/2" Gas Lift Weight 14# ESP I.D. 5" Set At 4639' Perforations 4389 To 4391
 Tubing Size 2 3/8" Weight 4.7# I.D. 2" Set At Perforations To

Pretest Starting Date Time AM/PM Ending Date Time AM/PM
 Test Starting Date 10-21-97 Time 8:45 AM/PM Ending Date 10-22-97 Time 8:45 AM/PM 24 Hrs.

OIL PRODUCTION OBSERVED DATA

Casing:	Producing Wellhead Pressure			Separator Pressure			Choke Size			
	Psig	Tubing	Psig	Psig	Psig					
Ebls./In.	Stock Tank		Starting Gauge			Ending Gauge			Net API Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest		N Tank								
Test	200	28713	5'	2"	103.54	5'	4"	106.88	0	3.34
Test										

GAS PRODUCTION OBSERVED DATA

Type Measuring Device	Entry Size	Orifice Size	Meter-Prover-Tester Pressure					Diff. Press. (h ₁) or (h ₂)	Gas Gravity (G _g)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (P ₂)	%CO ₂	H ₂ S ppm			
Orifice Meter								10-27-97	1.00127	100
Critical Flow Prover										
MERLA Well Tester										

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (F ₁)(F ₂)	Meter-Prover Press. (P _{1s})(P _{2s})	Press. Extension $\sqrt{h_1 \cdot P_1}$	Gravity Factor (F _g)	Flowing Temp. Factor (F _t)	Deviation Factor (F _d)	Sqr. Rt. Chart Factor (F _c)
Gas Prod. MCFD Flow Rate (R):						
		Oil Prod. Bbls./Day:	3.34	Gas/Oil Ratio (GOR) =		Cubic Feet 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 22 day of Oct 1997

For Offset Operator: *Kevin P. Shuck*
 For Commission: *K. J. [Signature]*
 For Company: *[Signature]* (Rev. 10/96)