

AP

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Amoco Production Lease: YASHELL SHIRING Well No.: 1-35

County: Stanton Location: NE14 Section: 35 Township: 29S Range: 40W Acres:

Field: Little Arrow Reservoir: St Louis Pipeline Connection: Little Arrow

Completion Date: 1-20-96 Type Completion(Describe): Single Plug Back T.D.: 5700 Packer Set At: None

Production Method: Pumping Type Fluid Production: Oil API Gravity of Liquid/Oil: 49.4

Flowing Casing Size: 4.5 Weight: 10.5 I.D.: 4.052 Set At: 5750 Perforations: 5609 To: 5622

Tubing Size: 2 3/8 Weight: 4.7 I.D.: 1.995 Set At: 5670 Perforations: NONE To: NONE

Pretest: Starting Date 5-15-96 Time 9:40 Ending Date 9-16-96 Time 9:40 Duration Hrs.: 24

Test: Starting Date 5-16-96 Time 9:40 Ending Date 9-17-96 Time 9:40 Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	<u>140</u>	Tubing:	<u>200</u>		<u>108</u>	<u>Over Full</u>				
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil	
Pretest:	<u>300</u>	<u>#2</u>	<u>1</u>	<u>11</u>	<u>38</u>	<u>2</u>	<u>11 1/2</u>	<u>59</u>	<u>0</u>	<u>21</u> ^{10:30 AM}
Test:			<u>2</u>	<u>11 1/2</u>	<u>59</u>	<u>4'</u>	<u>5 3/4</u>	<u>90</u>	<u>0</u>	<u>31.0</u>
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-Tester In. Water	Pressure In. Merc.	Paig or (Pd)	Diff. Press. (hw) or (hd)	Gravity (Gg) Temp. (t)
Orifice Meter	<u>3.068</u>	<u>.8750</u>	<u>1.2</u>		<u>108.1</u>		<u>77.2</u> ^{78.3}
Critical Flow Prover							<u>11.16</u> ^{COM}
Orifice Well Tester							<u>11.16</u> ^{COM}

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fb)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>EGM</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Gas Prod. MCFD: 23.0 Oil Prod. Bbls./Day: 31.0 Gas/Oil Ratio (GOR) = 741 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 17 day of May 1996

For Offset Operator: Ray Winters For State: Gene Tom For Company: Gene Tom