

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-129-20712-0000

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Form C-5 Revised

Conservation Division

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 11/2/84

Company: Cities Service Oil & Gas Co. Lease: WMSU Well No.: 1105

County: Morton Location: 1980 FWL & 660 FNL Section: 33 Township: 34s Range: 0 41w Acres: 80

Field: Wilburton Reservoir: Morrow Pipeline Connection: Jayhawk

Completion Date: 10/5/84 Type Completion (Describe): Single (Oil) Plug Back T.D.: CIBP@4970' Packer Set At: None

Production Method: Flowing Type Fluid Production: Oil & Salt Water API Gravity of Liquid/Oil: 37.9 @ 60°F.

Casing Size: 5-1/2 Weight: 14.0 I.D.: 5.012 Set At: 5230 Perforations: 4860 - 4867

Tubing Size: 2-3/8 Weight: 4.7 I.D.: 1.995 Set At: 4864 Perforations: To

Pretest: Starting Date: 11-1-84 Time: 2:30 PM Ending Date: 11-2-84 Time: 2:30 PM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure: 95 Separator Pressure: 55 Choke Size: None

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test: (1)										
Test:	<u>300</u>	<u>Meter On</u>	<u>0</u>			<u>Meter Off</u>	<u>106.75</u>	<u>94</u>	<u>106.75</u>	

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections: Run-XXXXX Flange Taps: X Orifice Meter Range: Differential: 100" Static Pressure: 100#

Measuring Device	Run-XXXXX 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	<u>3"</u>	<u>0.750</u>				<u>3"</u>	<u>236</u>	<u>60°</u>
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (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)
<u>2.740</u>	<u>69</u>	<u>14.387</u>	<u>1.166</u>	<u>1.000</u>	<u>0</u>	<u>0</u>

Gas Prod. MCFD: 45.9 Oil Prod. Bbls./Day: 107 Gas/Oil Ratio (GOR) = 429 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 2nd day of November 1984

STATE CORPORATION COMMISSION

For Offset Operator: [Signature] For State: [Signature] For Company: [Signature]

NOV 05 11-05-84

CONSERVATION DIVISION
 Wichita Kansas