

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-129-20789-0000

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Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company Cities Service Oil & Gas Lease Thompson "G" Well No. 1

County Morton Location 2100' ESL - 500' Fwl Section 25 Township 34S Range 42W Acres

Field Taloga Riley Reservoir Morrow Pipeline Connection Permian Corp

Completion Date _____ Type Completion (Describe) Single "Oil" Plug Back T.D. 5025' Packer Set At None

Production Method: _____ Type Fluid Production _____ API Gravity of Liquid/Oil _____

Flowing Pumping Gas Lift _____

Casing Size 5 1/2" Weight 4.7 I.D. _____ Set At 4582' RB Perforations SN@ To 4567' RB

Tubing Size _____ Weight _____ I.D. _____ Set At _____ Perforations _____ To _____

Pretest: _____ Duration Hrs. _____

Starting Date 4-21-86 Time 12:30 PM Ending Date 4-22-86 Time 12:30 PM

Test: _____ Duration Hrs. _____

Starting Date 4-22-86 Time 12:30 PM Ending Date 4-23-86 Time 12:30 PM 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure _____ Separator Pressure _____ Choke Size _____

Casing: 60 Tubing: _____

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	500	1	2'	1 1/2"	89.28	3'	7"	156.28	4	63
Test:	500	1	3'	7"	156.28	4'	8 1/2"	211.28	2	52
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	Water		Merc.		Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In.	Water	In.	Merc.			
Orifice Meter									
Critical Flow Prover									
Orifice Well Tester	2"	375			6.0"	1/2		.780	60

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
2.439	17.6 PSIA	—	1.132	1.000	—	—

Gas Prod. MCFD _____ Oil Prod. Bbls./Day: 52 Gas/Oil Ratio (GOR) = 934 ⁵⁴³ / 882 Cubic Ft. per Bbl.

Flow Rate (R): 48.6 mcs/d

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 25 day of April 19 86

For Offset Operator _____ For State _____ For Company _____

MAY 12 1986
 CONSERVATION DIVISION
 Wichita, Kansas

5-12-86