

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company Anadarko Lease Burkhall Well No. A #1

County Commanche Location G60 FWL 760 FNL 30 Section 30 Township 31 S Range 17 W Acres

Field Wilmore Reservoir Mississippi Pipeline Connection Derby (Gas) Kansas Gas Supply

Completion Date 3/11/74 Type Completion (Describe) Single oil well Plug Back T.D. 5131 Packer Set At

Production Method: Pumping Gas Lift Type Fluid Production Oil Water + Gas API Gravity of Liquid/Oil 34

Flowing Casing Size	Weight	I.D.	Set At	Perforations	To
<u>4 1/2</u>	<u>10.5</u>	<u>4.052</u>	<u>5138</u>	<u>5079</u>	<u>5100</u>
Tubing Size	Weight	I.D.	Set At	Perforations	To
<u>2 3/8</u>	<u>4.71</u>	<u>1.995</u>	<u>5119</u>		

Pretest: Starting Date 3/27/84 Time 10:15 Ending Date 3/28/84 Time 10:15 Duration Hrs. 24

Test: Starting Date 3/27/84 Time 10:15 Ending Date 3/28/84 Time 10:15 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	<u>Water</u>	<u>2'</u>	<u>2"</u>		<u>2</u>	<u>3"</u>			<u>1.53</u>
Test:	<u>300</u>	<u>19194</u>	<u>12'</u>		<u>12'</u>	<u>4"</u>			<u>6.67</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 Pressure		Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)	
			In. Water	In. Merc.	Psig or (Pd)			
Orifice Meter	<u>2"</u>	<u>1/8"</u>				<u>24</u>	<u>.700</u>	<u>.60"</u>
Critical Flow Prover	<u>2"</u>	<u>1/8"</u>				<u>24</u>	<u>.700</u>	<u>.60"</u>
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coëff. (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>10.4</u>						

Gas Prod. MCFD 10 Oil Prod. 6.67 Gas/Oil Ratio (GOR) = 1.5 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 28 day of March 1984

For Offset Operator Richard W. Lacy For State
 STATE CORPORATION COMMISSION
 For Company Edurn Johnson

APR 03 1984

CONSERVATION DIVISION
 Wichita, Kansas

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company Anadarko Lease Burkhall Well No. A #1

County Comanche Location 660 FWL 760 FNL Section 30 Township 31S Range 17W Acres

Field Wilmore Reservoir Mississippi Pipeline Connection (Oil) Derby (Gas) Kansas Gas Supply

Completion Date 3/11/74 Type Completion (Describe) Single oil well Plug Back T.D. 5131 Packer Set At

Production Method: Pumping Type Fluid Production Oil Water + Gas API Gravity of Liquid/Oil 34

Flowing Casing Size 4 1/2 Weight 10.5 I.D. 4.052 Set At 5138 Perforations 5079 - 5100 To

Tubing Size 2 3/8 Weight 4.71 I.D. 1.995 Set At 5189 Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 3/27/84 Time 10:15 Ending Date 3/28/84 Time 10:15 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:		Tubing:								
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:		Water	2'	2"		2'	3"			1.53
Test:	300	19194	12'			12'	4"			6.67
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 Pressure	Diff. Press.	Gravity	Flowing		
			In. Water	In. Merc.	Paig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter	2"	1/8"				24	.700	60"
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)
10.4						

Gas Prod. MCFD 10 MCFD Oil Prod. Bbls./Day: 6.67 Gas/Oil Ratio (GOR) = 1.5 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 28 day of March 1984.

For Offset Operator Richard W. Lacy STATE CORPORATION COMMISSION State
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 Wichita, Kansas