

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

MAY 1 1989

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 5-16-89

Company Roberts + Murphy Lease Box Well No. 3-2

County Comanche Location SW SWNW Section 2 Township 35 Range 20 Acres

Field Viola Reservoir Viola Pipeline Connection Enron / Koch

Completion Date 3-4-89 Type Completion (Describe) Single Plug Back T.D. NA Packer Set At NA

Production Method: Pumping Type Fluid Production Oil + Water API Gravity of Liquid/Oil 43

Flowing Casing Size 4 1/2 Weight 10.5 I.D. 6.408 Set At 6255-63 Perforations To

Tubing Size 2 3/8 Weight 6.293 I.D. 6.293 Set At Perforations To

Pretest:

Starting Date 5-15-89 Time 9:30 am Ending Date 5-16-89 Time 9:30 am Duration Hrs. 24

Test:

Starting Date 5-16-89 Time 9:30 am Ending Date 5-17-89 Time 9:30 am Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure 1340 Separator Pressure 90 Choke Size 9.64

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
1.67										
Pretest:		Water	2'	8"	96	2'	8"	96	0	
Test:	300	170467	2	5 1/4	48.85	9	9	195.39		146.54
Test:	300	170466	2	6	50.10	2	6		0	

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 In. Water (H <sub>2</sub> O)	Pressure (Psig or (Pd))	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3.00	.500	STATE CORPORATION COMMISSION	139	20	.739	60°
Critical Flow Prover			MAY 4 1989				
Orifice Well Tester			CONSERVATION DIVISION Wichita, Kansas				

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (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)
1.214	153.4	55.32	1.163	1.00		

Gas Prod. MCFD 78.10 Oil Prod. 146.54 Gas/Oil Ratio (GOR) = 532.9 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 1989

For Offset Operator Richard W. Lacey For State Richard Koch For Company