

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 3-14-90
 Company Roberts + Murphy Lease Petty Well No. 1-27
 County Comanche Location 660 ESL 2300 FEL 27 Township 34 Range 20 Acres
 Field Box Ranch Reservoir Viola Pipeline Connection Enron / Koch
 Completion Date 2-8-90 Type Completion (Describe) Single Plug Back T.D. Packer Set At None
 Production Method: Flowing Pumping Gas Lift Type Fluid Production Oil Water API Gravity of Liquid/Oil NA
 Casing Size 4 1/2' Weight I.D. Set At 6437 Perforations 6218 - 6234 To
 Tubing Size 2 3/8 Weight I.D. Set At 6212 Perforations To

Pretest: Starting Date 3-13-90 Time 9:00a Ending Date 3-14-90 Time 9:00 Duration Hrs. 24
 Test: Starting Date 3-14-90 Time 9:00a Ending Date 3-15-90 Time 9:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing: <u>1020</u>			Tubing: <u>880</u>						
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
<u>1.67</u>	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	<u>Water</u>	<u>3</u>	<u>10</u>	<u>92</u>	<u>3</u>	<u>10 1/2</u>	<u>93</u>	<u>1</u>	
Test:	<u>300</u>	<u>170806</u>	<u>6</u>	<u>10</u>	<u>136.94</u>	<u>7</u>	<u>1</u>	<u>146.96</u>	<u>10.02</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 In. Water	Tester In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension /hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD Flow Rate (R): 458 Oil Prod. Bbls./Day: 10.02 Gas/Oil Ratio (GOR) = 45708 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 15 day of March 1990

For Offset Operator

Richard W. Lacy
 APR For State

For Company

Form C-5 (5/88)

1 copy to Roberts + Murphy
 1 copy to Jim Hernan

APR 30 1990