

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

KS-033-20818-0000

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Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 2-4-92

Company: Roberts + Murphey Lease: Box Ranch Well No.: 5-3

County: Comanche Location: NW SE Section: 3 Township: 35 Range: 20 Acres:

Field: Box Ranch Reservoir: Viola Pipeline Connection: Koch / NNG

Completion Date: 9-20-91 Type Completion (Describe): Single Oil + Gas Plug Back T.D.: 6358 Packer Set At: 6192

Production Method: Flowing Type Fluid Production: Oil + Water API Gravity of Liquid/Oil: 42

Flowing Pumping Gas Lift

Casing Size: 4 1/2" Weight: 10.50 I.D.: Set At: 6401 Perforations: 6270-74 To:

Tubing Size: 2 3/8 Weight: 4.7 I.D.: Set At: 6192 Perforations: To:

Pretest: Starting Date 2-4-92 Time 10:30a Ending Date 2-5-92 Time 10:30 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	<u>250</u>		Tubing:	<u>Pump</u>		<u>260</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>1.5</u>	
Test:	<u>300</u>	<u>178846</u>	<u>9</u>	<u>6"</u>	<u>190.38</u>	<u>11</u>	<u>6 1/4"</u>	<u>230.87</u>		<u>40.49</u>
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range						
Pipe Taps:	Flange Taps: <input checked="" type="checkbox"/>			Differential:	<u>100</u>			Static Pressure:	<u>1000</u>	
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure	Diff. Press.	Gravity	Flowing				
			In. Water	In. Merc.	Psi or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)		
Orifice Meter	<u>3</u>	<u>.500</u>			<u>260</u>	<u>8</u>	<u>.650</u>	<u>42</u>		
Critical Flow Prover										
Orifice Well Tester										

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fv)	Chart Factor (Fd)
<u>1.214</u>	<u>260</u>	<u>45.607</u>	<u>1.240</u>	<u>1.018</u>	<u>FER 10 1992</u>		
Gas Prod. MCFD	<u>57.570</u>	Oil Prod. Bbls./Day:	<u>40.49</u>	Gas/Oil Ratio (GOR) =	<u>1.424 Kansas per Bbl.</u>		

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 5 day of February 1992

Richard M. Lacy

For Offset Operator For State For Company