

Conservation Division  
 TYPE TEST: Initial  Annual  Workover  Reclassification  TEST DATE: 3-25-92  
 Company: Roberts + Murphy Lease: Miller Well No.: 3-34  
 County: Comanche Location: SESESE Section: 34 Township: 34 Range: 20 Acres:  
 Field: Box Ranch Reservoir: Viola Pipeline Connection: Koch / Northern Natural  
 Completion Date: 3-10-92 Type Completion(Describe): Single tubing + Packer Plug Back T.D.: 6325 Packer Set At: 6159  
 Production Method: Type Fluid Production: Oil API Gravity of Liquid/Oil: 42 @ 50°  
 Flowing  Pumping  Gas Lift   
 Casing Size: 4 1/2" Weight: 10.5 I.D.: Set At Perforations: To 6233 - 6247  
 Tubing Size: 2 3/8" Weight: I.D.: Set At Perforations: To 6248

Pretest: Starting Date 3-24-92 Time 9:30am Ending Date 3-25-92 Time 9:30am Duration Hrs. 24  
 Test: Starting Date 3-25-92 Time 9:30am Ending Date 3-26-92 Time 9:30am Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing: Packer Tubing: 740 #psig			180 psig			10/64			
Bbls./In.	Tank	Starting Gauge		Ending Gauge			Net Prod. Bbls.		
1.67	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water Oil	
Pretest:									
Test:	300	19618	3	8 1/4	73.89	10	8	213.76	139.87
Test:	300	19619	4	9 3/4	96.44	9	5 1/2	189.54	9310

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.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter	3"	.500			178	75		78
Critical Flow Prover								
Orifice Well Tester								

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	192.4	185.05	1.00	.9831		
Gas Prod. MCFD	Oil Prod. Bbls./Day:	Gas/Oil Ratio (GOR) =	Cubic Ft. per Bbl.			
Flow Rate (R): 220	233	944				

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 26th day of March 1992

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

