

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-109-20526-0000

Form C-5 Revised

Conservation Division

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 3-11-92
 Company: Luff Expl. Company Lease: Nollette Well No.: P-4
 County: Logan Location: C 5E 5E Section: 4 Township: 11 Range: 33W Acres:
 Field: Reservoir: LKC-Johnson Pipeline Connection: Koch
 Completion Date: 2-20-92 Type Completion(Describe): Plug Back T.D. 4669 Packer Set At:
 Production Method: 5PM-11 LS-74 Type Fluid Production: Oil API Gravity of Liquid/Oil: 37
 Flowing (Pumping) Gas Lift: Casing Size: 5 1/2 Weight: I.D.: Set At Perforations: 4289-93 To:
 Tubing Size: 2 3/8 Weight: I.D.: Set At Perforations: 4624-30 To:

Pretest: Starting Date Time Ending Date Time Duration Hrs.
 Test: Starting Date 3-10-92 Time 2:00 pm Ending Date 3-11-92 Time 2:00 pm 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
250/in	210	H2O	5	6	6	1		18	
1.67/in		194147	1	3	3	10			52
1.67/in		194148	4	6 1/2	14	2			193

GAS PRODUCTION OBSERVED DATA

Total: 245

Orifice Meter Connections			Orifice Meter Range				Static Pressure:	
Pipe Taps:	Flange Taps:		Differential:					
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						3-13-92		
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)

Gas Prod. MCFD Flow Rate (R): Oil Prod. Bbls./Day: Gas/Oil Ratio (GOR) = 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 11th day of March 19 92

For Offset Operator: *Maxwell Miller* For State: *John Fisher* For Company: