

15-179-20982-00-00

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division  
 TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 1-31-91  
 Company: Northern Lights Lease: Pratt B Well No.: 3  
 County: Sheridan Location: NE NW NW Section: 34 Township: 8 Range: 26 W Acres: .01  
 Field: Un-named Reservoir: LKC Pipeline Connection: Clear Creek  
 Completion Date: Jan. 17, 1991 Type Completion(Describe): 3944 Plug Back T.D.: Packer Set At:  
 Production Method: SPM 8 LS 64 Type Fluid Production: API Gravity of Liquid/Oil: 40 @ 60  
 Flowing (Pumping) Gas Lift: 0.2  
 Casing Size: 5 1/2 Weight: I.D.: Set At: 3944 Perforations: To: 3878 - 82  
 Tubing Size: 2 7/8 Weight: I.D.: Set At: 3862 Perforations: To: 3862 - 65

Pretest: Starting Date: Time: Ending Date: Time: Duration Hrs.:  
 Test: Starting Date: 1-30-91 Time: 1:30 PM Ending Date: 1-31-91 Time: 1:30 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	Feet	Inches	Water Oil
Pretest:						
Test:	200 4874	2	10 1/2	9	11	141
Test:	200 4867	0	11 1/2	2	8 1/2	35

GAS PRODUCTION OBSERVED DATA

TOTAL 176

Orifice Meter Connections		Orifice Meter Range		Differential		Static Pressure		
Pipe Taps:	Flange Taps:							
Measuring Device	Run-Prover-Tester	Orifice Size	Meter-Prover-Tester	Pressure In. Water	Pressure In. Merc.	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)(CWTC)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD: Oil Prod. Bbls./Day: Gas/Oils 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 31 day of Jan 1991

Martin L. Miller  
 For State

RECEIVED  
 CORPORATION COMMISSION  
 Mark Schippers  
 For Company

For Offset Operator