

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-151-22170-00-00

Conservation Division

Form C-5 Revised

TYPE TEST:  Initial  Annual  Workover  Reclassification TEST DATE: 2-12-99

Company: Lotus Operating Co. LLC Lease: Moore Well No. 1

County: Pratt Location: 50' N. of SE WENE Section: 14 - Township: 26<sup>S</sup> - Range: 14<sup>W</sup> Acres: 10

Field: Moore S.W. Reservoir: Miss Pipeline Connection: NERA-oil/KGS-995

Completion Date: 11-12-98 Type Completion(Describe): Single Plug Back T.D.: 4400' Packer Set At: —

Production Method:  Flowing  Pumping  Gas Lift Type Fluid Production: Oil/Water API Gravity of Liquid/Oil: 36.8 @ 58°

Casing Size: 4 1/2" X Weight: 10.5# I.D.: 4.052" Set At: 4360' Perforations To: 4230' - 4250'

Tubing Size: 2 3/8" X Weight: 4.6# I.D.: 1.995" Set At: 4219' Perforations To: Open ended

Pretest: Starting Date 2-11-99 Time 8:00 AM Ending Date 2-12-99 Time 8:00 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing: 410#	Tubing: 80#		80#			32/64			
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	2.10 NA	7'	5 1/2"	104.38	9'	8"	135.28	3.0	30.9
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range		Total Flow Meter		
Pipe Taps:	Flange Taps: X		Differential: —	Static Pressure: —			
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure In. Water	Pressure (Psig or (Pd) In. Merc.	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3	.875		91.7	2"	REC'D	36'
Critical Flow Prover							
Orifice Well Tester						FEB 18 1999	2-18-99

GAS FLOW RATE CALCULATIONS (R)

Coeff. (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)
3.74	106.1	14.57	1.0	1.024		

Gas Prod. MCFD: 55.80 Oil Prod. Bbls./Day: 30.90 Gas/Oil Ratio (GOR) = 1.81 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 12<sup>th</sup> day of February 1999

For Offset Operator: *[Signature]* For State: *Stephen J. Pfeifer* For Company: *Nancy Duke*