

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-119-21037-00-01

Conservation Division

Form C-5 Revised

TYPE TEST: Initial **Annual** Workover Reclassification TEST DATE: 8-30-02  
 Lease Well No. 2-15

Company H & L OPERATING CO., LLP ADAMS RANCH  
 County MEADE Location 350' FSW & 2,310' FWL Section 15 Township 35S Range 30W Acres 80

API NO. 15-119-21037 Reservoir TORONTO Pipeline Connection GENERAL GAS COMPANY

Completion Date 01-25-02 Type Completion (Describe) OIL Plug Back T.D. 5,660 Packer Set At

Production Method: **Pumping** Gas Lift Type Fluid Production OIL & WATER API Gravity of Liquid/Oil 48.0

Casing Size 5 1/2 Weight 15.5 I.D. 4.95 Set At 6,462 Perforations 4,251 To 4,256

Tubing Size 2 7/8 Weight 6.4 I.D. 2.441 Set At 4,312 Perforations To

Pretest: Starting Date 08-29-02 Time 9:30 AM Ending Date 08-30-02 Time 9:30 AM Duration Hrs. 24

Test: Starting Date 08-29-02 Time 9:30 AM Ending Date 08-30-02 Time 9:30 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	Tubing:									
66	165				25		N/A			
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
1.67										
Test:	300		5	5 1/2	109.4	6	8	133.6		24.2
2.92										
Test:	210		1	6	52.6	1	9	61.3	8.7	

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range				
Pipe Taps:	Flange Taps:			Differential:		Static Pressure:		
		X		100"		250#		
Measuring Device	Run-Tester	Prover-Tester Size	Orifice Size	Meter-Prover In. Water	Tester Pressure In. Merc. (Psig) or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter		3	.625		36.0	2.0	.789	81
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 (Fpv)	Chart Factor (Fd)
1.897		50.4	10.04	1.126	.9804	1.000	

Gas Prod. MCFD 21 Oil Prod. Bbls./Day: 24.2 Gas/Oil Ratio (GOR) = 868 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 3RD day of SEPTEMBER 19 2002

For Offset Operator

For (State)

RECEIVED Hugh D. Barten For Company

SEP 16 2002

\*\*OK TO TEST WITHOUT KCC WITNESS PER KEVIN STRUBE. #KCC WICHITA

9-16-02