

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
 Deliverability

Test Date:
3/12 to 3/13/12

API No. 15
151-22,314-00-00

Company L.D. Drilling, Inc.		Lease Trinkle		Well Number 1-28	
County Pratt	Location SWSWSE	Section 28	TWP 26S	RNG (E/W) 11W	Acres Attributed
Field Haynesville East		Reservoir Viola		Gas Gathering Connection Lumen	
Completion Date 01/09		Plug Back Total Depth		Packer Set at none	
Casing Size 5.5	Weight	Internal Diameter	Set at 4367	Perforations 4274	To 4276
Tubing Size 2.375	Weight	Internal Diameter	Set at 4270	Perforations	To
Type Completion (Describe) single		Type Fluid Production SW		Pump Unit or Travelling Plunger? Yes / No yes - pump unit	
Producing Thru (Annulus / Tubing) annulus		% Carbon Dioxide .2459		% Nitrogen 7.6378	Gas Gravity - G _g .672
Vertical Depth(H)		Pressure Taps flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 3/09 20 12 at 9:15 am (AM) (PM) Taken 3/12 20 12 at 9:15 am (AM) (PM)					
Well on Line: Started 3/12 20 12 at 9:45 am (AM) (PM) Taken 3/13 20 12 at 3:15 pm (AM) (PM)					

OBSERVED SURFACE DATA

Duration of Shut-in 72 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (P _m)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _e)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						862	876.4			72	
Flow	.500	268	10.7	90		802	816.4			29.5	

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
1.219	282.4	54.97	1.220	.9723	1.020	81		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_e)² = 768.076 : (P_w)² = 666.508 : P_d = _____ % (P_e - 14.4) + 14.4 = _____ : (P_e)² = 0.207
(P_w)² = _____

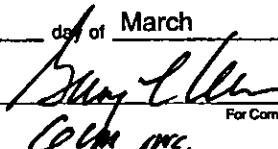
(P _e) ² - (P _w) ² or (P _e) ² - (P _d) ²	(P _w) ² - (P _d) ²	Choose formula 1 or 2: 1. P _e ² - P _d ² 2. P _e ² - P _w ² divided by: P _e ² - P _w ²	LOG of formula 1, or 2, and divide by: $\frac{P_e^2 - P_w^2}{P_e^2 - P_d^2}$	Backpressure Curve Slope = "n" Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
767.869	101.568	7.560	.8785	.608	.5341	3.42	277

Open Flow **277** Mcfd @ 14.65 psia X .50 = Deliverability **138.5** Mcfd @ 14.65 psia

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 19th day of March, 20 12.

Witness (if any)

For Commission



For Company
C.L.M., INC.

Checked by

RECEIVED

MAR 28 2012

KCC WICHITA