

Form G-2
(Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
 Deliverability

Test Date:

API No. 15 191-22252-00-00

Company <u>Legacy Reserves Operating LP</u>		Lease <u>Kolarik #6-1</u>	Well Number
County <u>Sumner</u>	Location <u>NE SE SW</u>	Section <u>6</u>	TWP <u>35S</u>
Field <u>CALDWELL WEST</u>		Reservoir <u>MISSOURI</u>	Gas Gathering Connection <u>Atlas Pipeline</u>
Completion Date <u>3/27/1995</u>	Plug Back Total Depth <u>4922'</u>	Packer Set at	
Casing Size <u>5 1/2</u>	Weight <u>17 #</u>	Internal Diameter	Set at <u>4972'</u>
Tubing Size <u>2 7/8"</u>	Weight <u>6.5 #</u>	Internal Diameter	Set at <u>4618'</u>
Type Completion (Describe) <u>Single phase</u>		Type Fluid Production <u>oil/water</u>	Pump Unit or Travelling Plunger? <u>Yes</u> / No
Producing thru (Annulus / Tubing) <u>Tubing</u>		% Carbon Dioxide <u>0.4390</u>	% Nitrogen <u>11.78</u>
Vertical Depth (ft) <u>4972'</u>	Pressure Taps	Gas Gravity - G _s <u>0.7804</u> (Meter Run) (Prover) Size	
Pressure Buildup: Shut In <u>1/27</u> 2012 at <u>8:00</u> (AM) (PM) Taken <u>1/28</u> 2012 at <u>8:00</u> (AM) (PM)	Well on Line: Started <u>20</u> at (AM) (PM) Taken <u>20</u> at (AM) (PM)		

OBSERVED SURFACE DATA

Stallo / Dynamic Property	Orifice Size (Inches)	Circ. ans. Meter Prover Pressure psia (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature	Well Head Temperature	Casing Wellhead Pressure (P _c) or (P ₁) or (P ₂)		Tubing Wellhead Pressure (P _t) or (P ₃) or (P ₄)		Duration (Hours)	Liquid Produced (Barrels)
						psia	psia	psia	psia		
Shut-in						<u>100</u>					
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (F ₁) Mcfd	Circ. ans. Meter or Prover Pressure psia	Probe Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _d	Metered Flow F (Mcfd)	GOR (Cubic Foot/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P₁)² = _____ ; (P₂)² = _____ ; P₁ = _____ % (P_c - 14.4) + 14.4 = _____ ; (P₁)² = 0.207 ; (P₂)² = _____

(P ₁) ² - (P ₂) ² or (P ₁) ² - (P _c) ²	(P ₁) ² - (P ₂) ²	Choose formula 1 or 2: 1. P ₁ ² - P ₂ ² 2. P ₁ ² - P _c ² divided by: P _c ² - P ₂ ²	LOG of term in 1. or 2. and divide by: $\frac{P_1^2 - P_2^2}{P_c^2 - P_2^2}$	Bracketed Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equin F x Antilog (Mcfd)

Open Flow Mcfd @ 14.85 psia Deliverability 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 3rd day of August, 2012.

Witness (if any)

For Commission

Legacy Reserves
For Company

Checked by _____
RECEIVED
AUG 03 2012
KCC WICHITA

Form G-2
(Rev. 7/03)

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Legacy Reserves and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.


I hereby request a one-year exemption from open flow testing for the Kolarik #6-1 gas well on the grounds that said well:

(Check one)

- is a coalbed methane producer
- is cycled on plunger lift due to water
- is a source of natural gas for injection into an oil reservoir undergoing ER
- is on vacuum at the present time; KCC approval Docket No. _____
- is not capable of producing at a daily rate in excess of 250 mcf/D

I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 8/3/2012

Signature: 
Title: Production Engineer

Arge Mendez 405-501-1890

Instructions: If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption is denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

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AUG 03 2012
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