

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

Test Date:
N/A (WELL EXEMPT)

API No. 15
15-151-10964-0000

Company LASSO ENERGY LLC		Lease KEYES B		Well Number KEYES B#2	
County PRATT	Location N2 NE SW	Section 35	TWP 29S	RNG (E/W) 13W	Acres Attributed
Field SAWYER		Reservoir Viola	Gas Gathering Connection ONEOK		
Completion Date 01/10/1960		Plug Back Total Depth 4580		Packer Set at N/A	
Casing Size 5.50	Weight 14	Internal Diameter 5.012	Set at 4590	Perforations 4411	To 4424
Tubing Size 2.875	Weight 6.4	Internal Diameter 2.441	Set at 4500	Perforations	To
Type Completion (Describe) OIL AND GAS		Type Fluid Production OIL, GAS, WATER		Pump Unit or Traveling Plunger? Yes / No YES	
Producing Thru (Annulus / Tubing) TUBING		% Carbon Dioxide		% Nitrogen	Gas Gravity - G _g
Vertical Depth(H)		Pressure Taps		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in APRIL 10 20 13 at 11 (AM)(PM) Taken APRIL 11 20 13 at 11 (AM)(PM)					
Well on Line: Started _____ 20 _____ at _____ (AM) (PM) Taken _____ 20 _____ at _____ (AM) (PM)					

OBSERVED SURFACE DATA

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or 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 _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						95		20		24	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _v) (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

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_o = _____ % (P_c - 14.4) + 14.4 = _____ : (P_w)² = 0.207
(P_o)² = _____

(P _c) ² - (P _w) ² or (P _c) ² - (P _o) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _o ² 2. P _c ² - P _w ² divided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_o^2}$	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow Mcfd @ 14.65 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 11 day of APRIL, 20 13.

[Signature]
Witness (if any)
N/A

RECEIVED
KANSAS CORPORATION COMMISSION

BRUCE KELSO

For Company

For Commission

APR 15 2013

Checked by

CONSERVATION DIVISION
WICHITA, KS

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 LASSO ENERGY LLC 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 KEYES B #2 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: 04/11/2013

Signature: 

Title: ENGINEER

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.

RECEIVED
KANSAS CORPORATION COMMISSION

APR 15 2013

CONSERVATION DIVISION
WICHITA, KS



April 12, 2013

Kansas Corporation Commission, Conservation Division
Mr. Jim Hemmen, Production Department
Finney State Office Building
130 S. Market, Room 2078
Wichita, KS 67202-3802

Re: March 15, 2013 KCC Letter Requesting a G-2 for the Keyes B#2 (API 15-151-10964-0000)

Enclosed is our Form G-2 for the Keyes B#2, in response to your letter of March 15, 2013 addressed to Alisha Graham of our company.

Thank you so much. If you have any questions please feel free to contact me or Bruce Kelso at 620-259-4000.

Kind regards,

Leslie Roederer

RECEIVED
KANSAS CORPORATION COMMISSION

APR 15 2013

CONSERVATION DIVISION
WICHITA, KS