Form G-2
(Rev. 7/03)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: *(See Instructions on Reverse Side)*

☐ Open Flow
☐ Deliverabilty

Test Date: 5/11/11-5/13/11

API No. 15 - 175-20,161-0001

Company	Lease	Well Number
Hanson Engineering, L.C.	Lemert A	#3

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Seward	C-SW/4	33	32S	33W	640

Field	Reservoir	Gas Gathering Connection
Evalyn	U. Morrow	DCP Midstream

Completion Date	Plug Back Total Depth	Packer Set at
10/21/71	5652'	no production packer

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
4.5"	10.5#	4.052"	5685'	5567'	5584'

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2 3/8"	4.7	1.995	5641		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
single gas	water	pump unit

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
annulus	0.45%	2.8%	0.741

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
5575.5	flange	2.067"

Pressure Buildup: Shut in 5/11 20 11 at 3:45 P.M. (AM) (PM) Taken 5/13 20 11 at 1:53 PM (AM) (PM)

Well on Line: Started ____ 20 ____ at ____ (AM) (PM) Taken ____ 20 ____ at ____ (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 29.25 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						123.0	136.3			46.1	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coeffiecient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m x h}$	Gravity Factor F_g	Flowing Temperature Factor F_{tt}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_a)^2$ = 0.207

$(P_c)^2$ = ____ $(P_w)^2$ = ____ P_d = ____ % $(P_c - 14.4) + 14.4$ = ____ $(P_d)^2$ = ____

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	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 23rd day of May, 20 11.

RECEIVED
MAY 25 2011
KCC WICHITA

Witness (if any) ____ For Company ____

For Commission ____ Checked by ____

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 Hanson Engineering, L.C. 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 Lemert A#3 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. _____
- [x] 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: 5/23/11

Signature: _____

Title: managing partner, Hanson Engineering, L.C.

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.

Hanson Engineering, L.C. 16171 Road I, Liberal, Ks. 67901 (620)626-5777-office (620)624-3369-fax
Email= rlhanson@wbsnet.org

May 23, 2011

Kansas Corporation Commission
Conservation Division, Finney State Office Bldg.
130 S. Market, Room 2078
Wichita, KS. 67202-3802

Re: Lemert A#3 shut-in pressure test, Form "G-2"
Sec. 33-32S-33W
Seward Co., KS.

Dear Mr. Hemmen,

Attached is the application for an annual open flow testing exemption (Form G-2) for the subject well, along with the annual shut-in pressure test.
Please contact me if you need more information.

Sincerely,

R. L. Hanson

Richard L. Hanson
Hanson Engineering, L.C.

attachment

C:/RLH/Wordwork/Lemert A#3/LemertA#3 SI Test transmittal 20110523