

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date:
12/27 & 28, 2015

API No. 15
15-171-~~2015~~-00-00
20,745

Company HERMAN L. LOEB LLC			Lease STRICKERT		Well Number 1-8
County SCOTT	Location S 1/2 N 1/2 SE NE	Section 8	TWP 19S	RNG (E/W) 31W	Acres Attributed
Field HUGOTON NE		Reservoir KRIDER	Gas Gathering Connection ONEOK FIELD SVCS.		
Completion Date 3/15/1997		Plug Back Total Depth 3397	Packer Set at NONE		
Casing Size 4.500	Weight 10.50	Internal Diameter 3.927	Set at 3400	Perforations 2756	To 2764
Tubing Size 2.375	Weight 4.700	Internal Diameter 1.995	Set at 2797	Perforations OPEN	To
Type Completion (Describe) SINGLE		Type Fluid Production GAS, WATER	Pump Unit or Traveling Plunger? Yes / No PUMPING		
Producing Thru (Annulus / Tubing) ANNULUS		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g	
Vertical Depth(H) 2760		Pressure Taps		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in 12/27 20 15 at		(AM) (PM) Taken 12/28 20 15 at		(AM) (PM)	
Well on Line: Started		20 at		(AM) (PM) Taken 20 at (AM) (PM)	

OBSERVED SURFACE DATA

Duration of Shut-in _____ 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 _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						108				24	
Flow											

FLOW STREAM ATTRIBUTES:

Plate Coefficient (F _s) (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_o)² = _____ (P_w)² = _____ P_c = _____ % (P_o - 14.4) + 14.4 = _____ (P_o)² = 0.207 (P_d)² = _____

(P _o) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _o) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _o ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	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 29TH day of DECEMBER, 20 15

KCC WICHITA

Witness (if any) _____ For Company _____
For Commission _____ DEC 31, 2015 _____
RECEIVED _____ Checked by _____

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 HERMAN L. LOEB 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 STRICKERT 1-8 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: 12/29/2015

KCC WICHITA

Signature: _____



DEC 31 2015

Title: Shane Pelton, Prod Supervisor Herman L Loeb LLC

RECEIVED

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.