

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
 Deliverability

Test Date:
5-8-18

API No. 15
095-22,295 - 0000

Company Pickrell drilling Company			Lease Huson Trust "C"		Well Number 1
County Kingman	Location 1980' FSL&1980' FWL	Section 12	TWP 30 S	RNG (E/W) 7 W	Acres Attributed 160
Field Messenger		Reservoir Mississippi	Gas Gathering Connection West Wichita Gas		
Completion Date 9-24-15		Plug Back Total Depth 4189	Packer Set at None		
Casing Size 5-1/2"	Weight 14	Internal Diameter 5.012	Set at 4212	Perforations 4121	To 4141
Tubing Size 2-3/8"	Weight 4.6	Internal Diameter 1.995	Set at 4160	Perforations	To
Type Completion (Describe) Pumping		Type Fluid Production Oil & Water	Pump Unit or Traveling Plunger? Yes / No Pumping Unit		
Producing Thru (Annulus / Tubing) Both		% Carbon Dioxide .1676	% Nitrogen 7.1914	Gas Gravity - G _g .7485	
Vertical Depth(H) 4121		Pressure Taps		(Meter Run) (Prover) Size	

Pressure Buildup: Shut in May 7 20 18 at 8:00 (AM) (PM) Taken May 8 20 18 at 8:00 (AM) (PM)
Well on Line: Started May 8 20 18 at 8:15 (AM) (PM) Taken May 8 20 18 at 8:15 (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 ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in							310		0	24	
Flow							50		20	24	221 water, 2 oil

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
						55		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

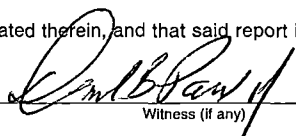
(P_a)² = 0.207
(P_d)² = _____

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

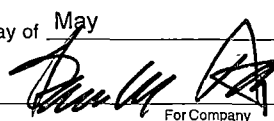
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	Backpressure Curve Slope = "n" ----- Assigned Standard Slope	n x LOG []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

Open Flow _____ Mcfd @ 14.65 psia Deliverability **55** 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 9th day of May, 20 18.


Witness (if any)

KCC WICHITA


For Company

MAY 10 2018

For Commission

Checked by

RECEIVED

5-10-2018

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 Pickrell Drilling Company 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 Huson Trust "C" #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: May 9, 2018

Signature: 
Title: President

KCC WICHITA
MAY 10 2018
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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.