

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
 Deliverability

Test Date:
04/01/15

API No. 15
15-007-10400-0000

Company Pickrell Drilling Company, Inc.		Lease Holmes SW		Well Number 1	
County Barber	Location C N/2 SW	Section 27	TWP 33S	RNG (E/W) 13W	Acres Attributed
Field Medicine Lodge		Reservoir Mississippi	Gas Gathering Connection Targa Pipeline Mid-Continent Westok LLC		
Completion Date 12/13/57		Plug Back Total Depth		Packer Set at	
Casing Size 5 1/2	Weight 15.5#	Internal Diameter 4.950	Set at 4697	Perforations 4608-4620 &	To 4630-4640
Tubing Size 2 3/8	Weight 4.7#	Internal Diameter 1.995	Set at	Perforations	To
Type Completion (Describe) Single		Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No		
Producing Thru (Annulus) Tubing Annulus		% Carbon Dioxide 0.2654	% Nitrogen 1.2088	Gas Gravity - G _g 0.8405	
Vertical Depth(H) 4624		Pressure Taps Flange		(Meter Run)(Prover) Size 2.00	
Pressure Buildup: Shut in 3/31		20 15 at 10:00	(AM) (PM) Taken 4/1	20 15 at 10:00	(AM) (PM)
Well on Line: Started 4/1		20 15 at 10:00	(AM) (PM) Taken	20	at (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (Inches)	Circle one: Meter Prover Pressure psig (Pm)	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	0.625					28		P		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 _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcf/d)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

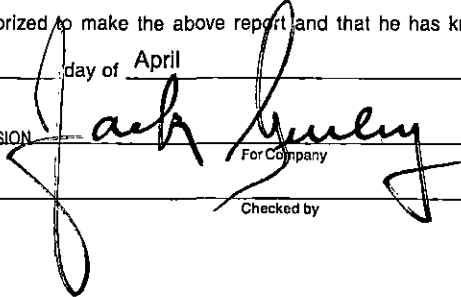
(P_a)² = 0.207
(P_d)² =

(P _c) ² =	(P _w) ² =	P _d = %	(P _c - 14.4) + 14.4 =				
(P _c) ² - (P _o) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _s 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" Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcf/d)

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 10th day of April, 2015.

Received
KANSAS CORPORATION COMMISSION


 For Company

APR 13 2015

CONSERVATION DIVISION
WICHITA, KS

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 Pickrell Drilling Company, Inc. 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.

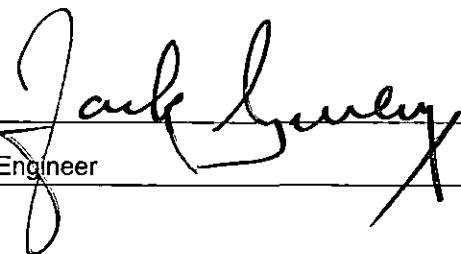
I hereby request a one-year exemption from open flow testing for the Holmes SW #1 gas well on the grounds that said well:

(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: 04/10/15 Average daily rate for 2014 equals 28 MCFD.

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.

PICKRELL DRILLING COMPANY, INC
 100 SOUTH MAIN - SUITE 505 - WICHITA, KANSAS 67202-3738
GAUGE AND PRODUCTION REPORT - GAS

Barber COUNTY

Ks. STATE FROM A.M.

3-26-2015 TO A.M.

4-1-2015

B.E. Holmes #1 SW ^{SW}

LEASE FIELD

TANK NUMBER	DATE 26			DATE 27			DATE 28			DATE 29			DATE 30			DATE 31			DATE 4-1-15			DATE			
	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	
	1	11					1	11 1/4					1	11 1/2					1	11 1/2				1	11 1/2
STOCK A.M. TODAY																									
PLUS P/L RUNS YEST.																									
TOTAL																									
LESS STOCK YESTERDAY																									
PRODUCTION YESTERDAY																									

PIPE LINE RUNS AND/OR B. S. AND W. DRAWN OFF										WELL NO.	CHOKE SPM	TBG. PR. SL	CSG. PR. PLGR. D.	EST. BOPD	WATER %	EST. BWPD	HOURS PUMPED OR FLOWED PER DAY				EXPLAIN DOWN TIME AND DRAWOFFS AND MAKE OTHER REMARKS BELOW			
DATE	TICKET NUMBER	TANK NUMBER	FROM FT.	TO FT.	GROSS BARRELS	GVTY.	TEMP.	TANK % BSW	TEMP.								24	0	0	24		24	0	
																24	0	0	24	24	0	4-1 40831 McF		
																						3-1 39958 McF		
																20	20	20	20	20	20	20	28	
																12	18	18	12	12	12	12	28	
																8	0	0	6	6	6	6	0	
																22	27	27	26	26	26	26	28	
TOTAL GROSS RUNS THIS PERIOD										ALLOWABLE	SIZE METER RUN & ORIFICE: X 5/8					HEATER TEMP.:								
GROSS RUNS PREVIOUS PERIODS										RUNS	AVG. DIFF. & LINE PRESS.: 4 / 26					PINTS EMULSION CHEM./DAY:					SIGNED			
TOTAL GROSS RUNS THIS MONTH										OVER SHORT	TOTAL BWPD ON LEASE:					PINTS INHIBITOR/DAY:					<i>Frank Rinko</i> PUMPER			

Received
 KANSAS CORPORATION DIVISION
 APR 13 2015
 CONSERVATION DIVISION
 WICHITA, KS

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