

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

Test Date:
4/8/15

API No. 15
095-21671 - 0000

Company Pickrell Drilling Company, Inc.		Lease Cox "B"		Well Number 5	
County Kingman	Location C NW SW SW	Section 19	TWP 29S	RNG (E/W) 6W	Acres Attributed
Field Spivey Grabs		Reservoir Mississippi		Gas Gathering Connection Oneok Gas Gathering	
Completion Date 2/10/93		Plug Back Total Depth 4145		Packer Set at	
Casing Size 4 1/2	Weight 10.5	Internal Diameter 4.052	Set at 4190	Perforations 4085	To 4089
Tubing Size 2 3/8	Weight 4.7	Internal Diameter 1.995	Set at 4714	Perforations Open Ended	To
Type Completion (Describe) Single	Type Fluid Production Water		Pump Unit or Traveling Plunger? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g	
Vertical Depth(H) 4087		Pressure Taps Flange		(Meter Run) (Prover) Size 3.00	
Pressure Buildup: Shut in 4/7 20 15 at 9:00 (AM) (PM)		Taken 4/8 20 15 at 9:00 (AM) (PM)			
Well on Line: Started 4/8 20 15 at 9:00 (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 (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	0.750					410		P		24	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _d) (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_a)² = 0.207
(P_c)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" ----- 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 16th day of April, 20 15.

KCC WICHITA

APR 17 2015

RECEIVED

Witness (if any)

For Commission

For Company

Checked by

Jack G. ...

Checked by

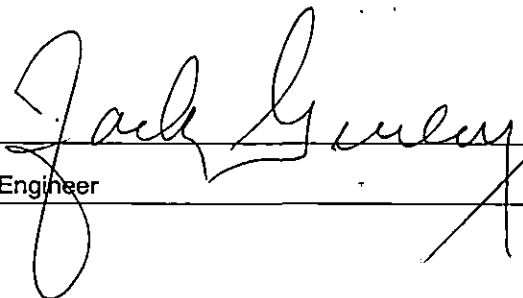
I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Pickrell Drilling Company, Inc. and that the foregoing pressure information and statements contained on this application form are 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 Cox "B" #5 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: 04/16/15 Daily average for year 2014 equals 51 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.

COMPANY:		Pickrell					LEASE: Cox B # 5					STATE: KS		MONTH: APRIL		YEAR: 2015								
D	TANK DATA										OIL SALES			WELL STATUS			GAS SALES		PRODUCTION			TIME	REMARKS	
A	Tank No.		Size	Tank No.		Size	TOTAL	S/W	Size	S/W			TP	CP						HRS.				
Y	1			2			Oil Stock	Tank		RUNS	TANK	TICKET	GROSS	CHOKE	PRESS	PRESS	DIFF.	LINE	OIL	GAS	SW	HRS.		
S	Ft.	In.	BBLs	Ft.	In.	BBLs	BBLs	Ft.	In.	BBLs	BBLs	NUMBER	NUMBER	BBLs	64TH	PSI	PSI	PRES.	PRESS	BBLs	MCF	BBLs		OFF
OS			0.00			0.00	0.00			0.00								3	44					
2			0.00			0.00	0.00			0.00								3	44	0.00	47	0.00		
3			0.00			0.00	0.00			0.00								3	46	0.00	48	0.00		
4			0.00			0.00	0.00			0.00								3	44	0.00	47	0.00		
5			0.00			0.00	0.00			0.00								3	44	0.00	47	0.00		
6			0.00			0.00	0.00			0.00								3	44	0.00	47	0.00		
7			0.00			0.00	0.00			0.00								3	44	0.00	47	0.00		
8			0.00			0.00	0.00			0.00								0	38	0.00	0	0.00		
9			0.00			0.00	0.00			0.00								3	44	0.00	47	0.00		
10			0.00			0.00	0.00			0.00										0.00	0	0.00		
11			0.00			0.00	0.00			0.00										0.00	0	0.00		
12			0.00			0.00	0.00			0.00										0.00	0	0.00		
13			0.00			0.00	0.00			0.00										0.00	0	0.00		
14			0.00			0.00	0.00			0.00										0.00	0	0.00		
15			0.00			0.00	0.00			0.00										0.00	0	0.00		
16			0.00			0.00	0.00			0.00										0.00	0	0.00		
17			0.00			0.00	0.00			0.00										0.00	0	0.00		
18			0.00			0.00	0.00			0.00										0.00	0	0.00		
19			0.00			0.00	0.00			0.00										0.00	0	0.00		
20			0.00			0.00	0.00			0.00										0.00	0	0.00		
21			0.00			0.00	0.00			0.00										0.00	0	0.00		
22			0.00			0.00	0.00			0.00										0.00	0	0.00		
23			0.00			0.00	0.00			0.00										0.00	0	0.00		
24			0.00			0.00	0.00			0.00										0.00	0	0.00		
25			0.00			0.00	0.00			0.00										0.00	0	0.00		
26			0.00			0.00	0.00			0.00										0.00	0	0.00		
27			0.00			0.00	0.00			0.00										0.00	0	0.00		
28			0.00			0.00	0.00			0.00										0.00	0	0.00		
29			0.00			0.00	0.00			0.00										0.00	0	0.00		
30			0.00			0.00	0.00			0.00										0.00	0	0.00		
1			0.00			0.00	0.00			0.00										0.00	0	0.00		
TOTALS							0.00					0.00				0.00	330	0.00	0					

KCC WICHITA
 APR 17 2015
 RECEIVED

4-7 shut well in for test
 4-8 24 hr shut in 410 lbs.

WELL TESTS:						ORIFICE METER DATA:			TANK STRAP INFO:		DAILY AVERAGES:		ENDING STOCK:		
DATE	WELL#	OIL	WATER	SPM	LENGTH	Plate Size:		0.750	Tank #1	Bbl. In.	AVERAGE DAILY OIL		0.00	PIPELINE RUNS +	0.00
						Meter Run Size:		3.07	Tank #2	Bbl. In.	AVERAGE DAILY MCF		11	OTHER DISP. +/-	
						Static Range:		100						TOTAL =	0.00
						Diff Range:		100	S/W Tank	Bbl. In.				BEG. STOCK -	0.00
						Coef.		4.1			SIGNATURE: Ron Smith			PRODUCTION =	0.00