

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
 Deliverability

Test Date:
12-15-12

API No. 15
15-095-22016 - 00-00

Company Pickrell Drilling Company, Inc.		Lease Cessna "B"		Well Number 2	
County Kingman	Location SE NW SW	Section 7	TWP 30S	RNG (E/W) 6W	Acres Attributed
Field Messenger		Reservoir Miss.	Gas Gathering Connection West Wichita Gas Gathering		
Completion Date 02-13-06		Plug Back Total Depth 4160	Packer Set at		
Casing Size 5 1/2	Weight 15.5	Internal Diameter 4.950	Set at 4193	Perforations 4094	To 4100
Tubing Size 2 3/8	Weight 4.7	Internal Diameter 1.995	Set at 4089	Perforations	To
Type Completion (Describe) Single		Type Fluid Production	Pump Unit or Traveling Plunger? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide 0.172	% Nitrogen 8.900	Gas Gravity - G _g 0.7092	
Vertical Depth(H) 4097		Pressure Taps Flange	(Meter Run) (Proven) Size 2.00		
Pressure Buildup: Shut in 12-14 20 12 at 8:00 (AM) (PM) Taken 12-15 20 12 at 8:00 (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 (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _c) or (P _e)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						27		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 _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_g = _____ % (P_c - 14.4) + 14.4 = _____ : (P_a)² = 0.207 : (P_o)² = _____

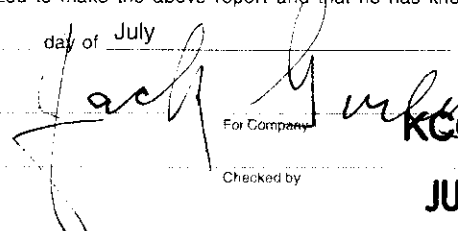
(P _c) ² - (P _o) ² or (P _c) ² - (P _w) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2. 1. P _c ² - P _a ² 2. P _c ² - P _o ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: P _c ² - P _w ²	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability 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 25th day of July 20 13

Witness (if any)

For Commission


 For Company
KCO WICHITA
 Checked by
JUL 26 2013
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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 Cessna "B" #2 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: 07-25-13

Note: This well makes 229 BWP. The water begins to kill the gas within minutes after shutting down the pumping unit. The pressure reflected after that is merely trapped line pressure. The well is very quickly dead.

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.

KCC WICHITA

JUL 26 2013

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COMPANY: Pickrell			LEASE: Cessna B #2			STATE: KS			MONTH: DECEMBER			YEAR: 2012										
D A Y S	TANK DATA						OIL SALES			WELL STATUS			GAS SALES		PRODUCTION			TIME	REMARKS			
	Tank No. 1		Tank No. 2		TOTAL	S/W	Size	S/W	TANK	TICKET	GROSS	CHOKE	TP	CP	DIFF.	LINE	OIL	GAS		SW	HRS.	
	Fl.	In.	BBLs	Fl.	In.	BBLs	Fl.	In.	BBLs	NUMBER	NUMBER	BBLs	64TH	PSI	PSI	PRES.	PRESS	BBLs		MCF	BBLs	OFF
OS			0.00			0.00			0.00							0	27					
2			0.00			0.00			0.00							0	27	0.00	0	0.00	24	Well Info BOPD 5 BWPD 229 SPM 12 STROKE 74 PUMP 12 11-30 down rod part 12-3 repairs made start unit 12-12 shut down dump valve trouble 12-13 dump valve repaired start unit 12-14 down bad engine head 12-17 change head start unit 12-28 supply gas froze off
3			0.00			0.00			0.00							0	27	0.00	0	0.00	24	
4			0.00			0.00			0.00							5	28	0.00	33	0.00		
5			0.00			0.00			0.00							10	28	0.00	47	0.00		
6			0.00			0.00			0.00							10	29	0.00	48	0.00		
7			0.00			0.00			0.00							10	29	0.00	48	0.00		
8			0.00			0.00			0.00							10	30	0.00	49	0.00		
9			0.00			0.00			0.00							10	30	0.00	49	0.00		
10			0.00			0.00			0.00							10	30	0.00	49	0.00		
11			0.00			0.00			0.00							10	30	0.00	49	0.00		
12			0.00			0.00			0.00							10	28	0.00	47	0.00		
13			0.00			0.00			0.00							10	28	0.00	47	0.00	24	
14			0.00			0.00			0.00							0	28	0.00	0	0.00		
15			0.00			0.00			0.00							10	28	0.00	47	0.00		
16			0.00			0.00			0.00							0	27	0.00	0	0.00	24	
17			0.00			0.00			0.00							0	27	0.00	0	0.00	24	
18			0.00			0.00			0.00							8	27	0.00	41	0.00		
19			0.00			0.00			0.00							8	28	0.00	42	0.00		
20			0.00			0.00			0.00							10	28	0.00	47	0.00		
21			0.00			0.00			0.00							12	30	0.00	54	0.00		
22			0.00			0.00			0.00							12	28	0.00	52	0.00		
23			0.00			0.00			0.00							12	28	0.00	52	0.00		
24			0.00			0.00			0.00							12	28	0.00	52	0.00		
25			0.00			0.00			0.00							12	28	0.00	52	0.00		
26			0.00			0.00			0.00							12	28	0.00	52	0.00		
27			0.00			0.00			0.00							10	26	0.00	45	0.00		
28			0.00			0.00			0.00							0	26	0.00	0	0.00	24	
29			0.00			0.00			0.00							12	28	0.00	52	0.00		
30			0.00			0.00			0.00							10	30	0.00	49	0.00		
31			0.00			0.00			0.00							10	30	0.00	49	0.00		
1			0.00			0.00			0.00							10	28	0.00	47	0.00		
TOTALS						0.00				0.00				0.00			0.00	1150	0.00	168		
WELL TESTS:						ORIFICE METER DATA:			TANK STRAP INFO:			DAILY AVERAGES:				ENDING STOCK:			0.00			
DATE	WELL#	OIL	WATER	SPM	LENGTH	Plate Size:	0.625	Tank #1	Bbl. In.	AVERAGE DAILY OIL		0.00		PIPELINE RUNS +		OTHER DISP. +/-		TOTAL =		0.00		
						Meter Run Size:	2.00	Tank #2	Bbl. In.	AVERAGE DAILY MCF		37		BEG. STOCK -		PRODUCTION =				0.00		
						Static Range:	500	SW Tank	Bbl. In.	SIGNATURE: Ron Smith										0.00		
						Diff Range:	100													0.00		
						Coef.	2.85													0.00		

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JUL 26 2013
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PICKRELL DRILLING COMPANY, INC.

100 SOUTH MAIN - SUITE 505
WICHITA, KANSAS 67202-3738
(316) 262-8427 • FAX (316) 262-0893

July 25, 2013

KCC WICHITA
JUL 26 2013
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Cessna B-2
One Point Stabilized Open Flow
or Deliverability Test (Form G-2)
API #15-095-22016-0000
Sec. 7-30S-06W, Kingman Cty, KS

Mr. Jim Hemmen
KCC Production Staff
Kansas Corporation Commission
130 S. Market, Room 2078
Wichita, Kansas 67202-3802

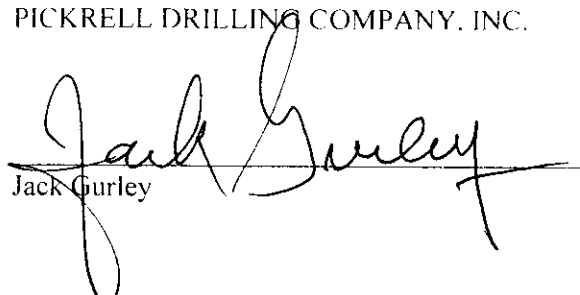
Dear Mr. Hemmen:

Enclosed therewith please find a Shut-In Pressure Report and Exemption Request for the captioned well for the years 2012 and 2013.

We chose the two periods when the well had been shut down for 24 or more hours for one reason or another from which to derive our data. We may have had correspondence regarding this well before. The well makes 7-45 MCFD while pumping and producing, it also makes 229 BWPD and this water quickly kills the well when the unit is shut down.

Yours very truly,

PICKRELL DRILLING COMPANY, INC.


Jack Gurley

cc: David H.