Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:					(See Instru	ctions on Re	everse Side	e)					
Open Flow						7 D				A D1 1	No. 45				
✓ Deliverability					Test Date 6/15/15	-		API No. 15 15-033-21134-00-00							
Company WOOLSEY OPERATING COMPANY, LI					, LLC		Lease BIRD				Well Number 1				
County Location COMANCHE C NE NE SE					Section 5		TWP 32 S			RNG (E/W) 19 W		Acres Attributed			
Field WILDCAT						Reservoi					ering Conne				
Completion 1/22/00	on Date	e		•		Plug Bac 5320	k Total Dep	vith		Packer Set at NONE			Are	CWICH	
Casing Size 5.500			Weight 15.500			Internal I 4.900	Diameter	Set at 5364		Perforations 5214		то 524 5	AUG An	17 2010	
Tubing Size			Weight 4.70			Internal I 1.950	Diameter	Set at 5200		Perforations OPEN		То	TEC.	EIVED	
Type Completion (Describe) SINGLE						d Production R / OIL	on	Pump Unit or Travel PUMPING			Plunger? Yes	/ No			
Producing Thru (Annulus / Tubing) TUBING						% C	arbon Diox	kide	% Nitrogen			Gas Gravity - G _g			
Vertical D 5214	epth(H)					Pre	ssure Taps				(Meter	Run) (P	rover) Size	
Pressure	Buildu	p:	Shut in 6/1	5	20	0_15_at		_ (AM) (PM)	Taken_6/	16	20	15 at		(AM) (PM)	
Well on L	ine:		Started		20	at		_ (AM) (PM)	Taken		20	at		(AM) (PM)	
							OBSERV	ED SURFAC	E DATA			Duration of Shut	-in	Hours	
Static / Dynamic Property	c Size		Circle one: Meter Prover Pressi psig (Pm)	Diffe ire	ssure rential in os H _o 0	Temperature Temper		ature (P_w) or (P_l) or (P_o)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			Paris (c.my					psig 50	psla	0 paig	psia	24			
Flow															
_,.			Shelp and				FLOW ST	REAM ATTE	RIBUTES		_		——		
Plate Coefficcient (F _b) (F _p) Mcfd		Gircie one: Meter or Prover Pressure psia		Exte	ess nsion xh	Gravity Factor F _g		Flowing Temperature Factor	Fa	iation actor = pv	Metered Flow R (Mcfd)	(Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
					1										
						•	, ,	VERABILITY	•				$r^2 = 0.2$	207	
(P _c) ² =:		_:_	(P _w) ² = :			P _d =		% (P _c - 14.4) + 14		14.4 =:		(P _d)	²=	 _	
$(P_c)^2 - (P_a)^2$ 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. $P_a^2 - P_d^2$ (ivided by: $P_c^2 - P_a^2$		LOG of formula 1. or 2. and divide by:		Backpressure Cu Slope = "n"		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mofd)		
				_											
Open Flow			Mcfd @ 14.65 psia					Deliverability			Mcfd @ 14.65 psia				
•			d de de			•				! 10-					
		_	n, and that sa					•		day of JU	LY	rt and that he ha		20 <u>15</u> .	
			Witness (i	(any)						Wm	L LL	land I			
			For Comm	isslon							Chec	ked by			
			1 01 001101								01100				

I declare under penalty of perjury under the laws of the state of Kansas that I am authori exempt status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING C and that the foregoing pressure information and statements contained on this application for correct to the best of my knowledge and belief based upon available production summaries and of equipment installation and/or upon type of completion or upon use being made of the gas well. I hereby request a one-year exemption from open flow testing for the BIRD 1	m are true and
gas well on the grounds that said well:	1600 14401 1177
(Check one)	KCC WICHIT
is a coalbed methane producer	AUG 17 2015
is cycled on plunger lift due to water	RECEIVED
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 deeme staff as necessary to corroborate this claim for exemption from testing.	d by Commission
Date: 7/31/15	
1 2 4 12 A	
Signature: Wan & Walland	
Title: FIELD MGR.	
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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.