## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Tes	st:					(See Instruc	ctions on R	everse Sid	le)					
Open Flow														
Deliverabilty				Test Date: Dec 22, 2015					1 No. 15 -077-21913-	00-00				
Company Sandridge Expl & Prod LLC					Lease Ritter 'E'					Well Number 2-11				
County Location Harper NE-NW				Section 11		TWP 34		RNG (E/W) 8W			A		Attributed	
Field Bouse				Reservo Mississ	oir sippian, Ft	Scott	cott		Gas Gathering Connecting				-	
Completion Date						ck Total Dep	oth	Packer Set at		Set at				
2013 Casing Size Weight				4724 Interna	Diameter	Set at		N/A Perforations			То			
5.5" 15.5# Tubing Size Weight				Interna	Diameter	4767' Set at		4481 Perforations		4710 To				
2.875				<u> </u>		4717'								
Type Con Coming		(Describe)			Type Fu oil/wat	ild Productio ter	n		Pump Ur Yes	nit or Traveling	Plunger:	? Yes	/ No	
Producing Thru (Annulus / Tubing) Tubing				% (	Carbon Diox	de		% Nitrog		Gas Gravity - G <sub>g</sub>				
Vertical D	epth(H)					Pres	sure Taps					(Meter F	lun) (P	rover) Size
Pressure	Buildup	Shut in _	12/22	2 2	15 at 9	AM	(AM) (PM)	Taken 12	2/23	20	15 <sub>at</sub> 9	5 at_9AM		AM) (PM)
Well on Line:							(AM) (PM) Taken						•	
						OBSERVE	D SURFAC	E DATA		<u>-</u>	Duration	of Shut-ia	<u>-</u>	Hours
Static / Orifice Dynamic Size		Circle one: Meter Prover Pressure		Pressure Differential in	lemberature lemberature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>n</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>s</sub> ) or (P <sub>s</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
Property			psig (Pm) Inches		t .	t	psig	psia	psig	ps a	<del>_</del>			
	Shut-In Flow						65	79.7			24			
1 1011					<u> </u>	FLOW STR	EAM ATTO	IDIITEE	<u> </u>	<u> </u>				
Dista		Circle ane:			·	FLOW 51R		IBUIES			1	· ·	<del></del> 1	
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Meter or Prover Pressure psia		Press Extension Pmxh	Grav Fact	Temperature		Deviation Factor F <sub>pv</sub>		Metered Flov R (Mcfd)		GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G <sub>m</sub>
					,	_						_		
(P <sub>c</sub> )² =		(P.,.)	2	•	(OPEN FLO	OW) (DELIVE		) CALCUL			·	(P_)²: (P_)²:	= 0.20 -	7
			Choc	ose formula 1 or 2;		Г ¬	7 <del></del>	sure Curve	<del></del>	<u>-</u>		(, 8,		
$(P_o)^2 - (P_a)^2$ or $(P_o)^2 - (P_o)^2$		2		P <sup>2</sup> -P <sup>2</sup> LOG or Tormula. P <sup>2</sup> -P <sup>2</sup> 1. or 2. and divide by:		P.2- P.8	Slop	e = "n" or signed ard Slope	n x Lo	n x LOG		g	Open Flow Deliverability Equals R x Antilog (Mofd)	
									_					
Open Flow	<u> </u>	<u> </u>	1	Mcfd @ 14.6	5 psia	<del></del>	Deliverabi	lity	<u> </u>	1	/lcfd @ 14	.65 psia		
The ur	ndersian	ed authority.	on be	half of the C	Company, st	tates that he	is dulv au	thorized to	make the	above repor	t and that	he has	knowle	dae of
						. Executed t			iay of Jar	1	1			16 .
		Witnes	s (if any)		KCC WICHITA				For Company					
For Commission					FEB 0 3 2016				Checked by					
						RECE	IVED							

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 Sandridge Expl & Prod LLC
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 Ritter E 2-11
gaş well on the grounds that said well:
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:
Signature:

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.