## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tos	st:				(3	See Instruct	ions on Rev	erse Side	)					
= '	pen Flo		•		Test Date					No. 15				
Com; an	eliverat	uty _			10/4/20	13	Lease		15-	025-20109	~ 0000	Well Nu	mber	
<b>C.</b> H. To							Shupe				1-21			
Clark	Location NE NE			Section 21				RNG (E/W) 21W			Acres Attributed			
Field Snake	Creel	ί		·	Reservoir Morrow			- <del>-</del>	Gas Gat	thering Conn	ection			
Complet 2/15/. /	t:on Date ?				Plug Back 5470	k Total Dept	h	Packer None		Set at				
Cast - 5	ze		Weight 15.5		Internal D 4.95	iameter	Set a 5545		Perfo 548	rations 2	То 5490			
Tub: 3	ize	_	Weight	<u>-</u>	Internal D 1.995	Diameter	Set a 5495		Perfo	rations	То	_		
Type Co Casing		n (De	escribe)		Type Fluid Water	d Production	า		Pump U		Plunger? Yes	/ No		
					% Carbon Dioxide			·····	% Nitrog		Gas Gravity - G			
Ver ;	epth(l	<del>-</del> 1)				Pres	sure Taps	-			(Meter	Run) (P	rover) Size	
 Pr∈n.	Buildu	ID:	Shut in 10/3	3 ,	0 13 at 12	2:00	(AM) (FM)	Taken 10	)/4		13 at 12:00		AMMEMD	
Well or											at			
			<del></del>		<del></del>	OBSERVE	D SURFACI	E DATA		<u> </u>	Duration of Shu	t-in	Hours	
St.	Orlf		Circle one: Meter	Pressure Differential	Flowing	Well Head	Cas Wellhead	•	1	Tubing ad Pressure	Duration		d Produced	
Pro. :	Siz (inch		Prover Pressu psig (Pm)	in Inches H <sub>2</sub> 0	Temperature t	Temperature t	(P <sub>m</sub> ) or (P		I -	r (P <sub>c</sub> ) or (P <sub>c</sub> )	(Hours)	(	(Barrels)	
S:							35	49.7						
Flow	·								<u> </u>				<del>.</del>	
	_		Circle ene:		7	FLOW STR	EAM ATTR	IBUTES		<del>,</del>	<del></del>		T	
С	ent ,)	Pro	Meter or wer Pressure psia	Press Extension P <sub>m</sub> xh	Grav Fact	lor 1	Flowing Femperature Factor F <sub>11</sub>	Fa	iation ctor	R (Cubic Feet/		Flowing Fluid Gravity G <sub>m</sub>		
					<u> </u>			<u> </u>					<u> </u>	
(P <sub>e</sub> )² =		_:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO	OW) (DELIV	•	) CALCUL ' 14.4) +		:		) <sup>2</sup> = 0.2 <sub>1</sub> ) <sup>2</sup> =	07	
(j÷	12 )2	(F		Choose formula 1 or 2				ssure Curve		LOG			oen Flow Iverability	
(, .	',)2			2. P <sub>c</sub> <sup>2</sup> · P <sub>d</sub> <sup>3</sup> divided by: P <sub>c</sub> <sup>2</sup> · P <sub>d</sub> <sup>3</sup>	1. or 2.	Pe2-P2	As	or signed ard Slope	-   " ^		Antilog	Equals	R x Antilog (Mcfd)	
						<del></del>								
Open 1.				Mcfd @ 14.			Deliverab				Mcfd @ 14,65 p	_	deden et	
the la		•	•	n behalf of the aid report is true	• •		· _		o make t day of	•	ort and that he h		20 <u>14</u>	
								TE		1-1/				
			Witness (i				WICH		T	xadi	Company	eit.	Fred	
-			For Comm	ission		MAY	05 2014	}		Zhe	cked by			

**RECEIVED** 

	tatus under Rule K.A.R. 82-3-304 on behalf of the operator <u>C.H. Todd Inc.</u> the foregoing pressure information and statements contained on this application form are true and
orr <b>ect to</b>	o the best of my knowledge and belief based upon available production summaries and lease records
	nent installation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for the Shupe 1-21
	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
	her agree to supply to the best of my ability any and all supporting documents deemed by Commissi necessary to corroborate this claim for exemption from testing.
nte: Ma	ay 2, 2014
	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** 

MAY 05 2014