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

Type Test	t:				(	See Instruc	tions on Rev	erse Side	)				
_ :	en Flo liverab				Test Date				No. 15 133-21150-0	0000			
Company Thorough		Ass	ociates		Lease Herd			_	-		2	Well Number	
County Location Comanche NE_SW					Section 15		TWP 32S		RNG (E/W) 19W		Acres Attributed 320		
Field					Reservoii Mississi				Gas Gati	nering Conn	ection		
Completion Date 01-02-01					Plug Bac 5333	k Total Dep	th	1		Packer Set at none		,	
Casing Size Weight 5.5 15.5				Internal I 4.995	Diameter	Set at <b>5353</b>		Perforations 5151		то <b>5222</b>			
Tubing Size Weight 2.375 4.7				t	Internal I	Diameter		Set at 5298		Perforations		То	
Type Completion (Describe) Tubing					Type Flui Brine	d Productio	on	Pump Unit or Trav		it or Traveling	ling Plunger? Yes / No		
Producing Thru (Annulus / Tubing) Tubing					% C	arbon Diox	ilde	% Nitro		ogen (		Gas Gravity - G	
Vertical D	epth(H	1)		-		Pres	ssure Taps		<u> </u>		(Meter	Run) (Prover) Siz	
Pressure	Buildu	p:	Shut in 6/2	4 2	0 <u>14</u> at 7		. (AM) (PM)	Taken_6/	25	20	14 at 7	(PM)	
Well on Line: Sta			Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	ED SURFACE	DATA	-	<del> </del>	Duration of Shut	-in_24Ho	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Presst psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	lemperature Temperat		Malihaad Proceure		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>o</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In				2		_	151	, psia	psig	рыа	24		
Flow													
					<del>,</del>	FLOW ST	REAM ATTRI	BUTES					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Factor		Temperature F		viation Metered Flow actor P F <sub>pv</sub> (Mcfd)		w GOR (Cubic Fe Barrel)	eet/ Fluid	
				<u> </u>	(OPEN FL	OW) (DELI\	/ERABILITY)	CALCUL	ATIONS		/P ·	)2 = 0.207	
(P <sub>o</sub> ) <sup>2</sup> =		<del>.</del> :	(P <sub>w</sub> ) <sup>2</sup> =		Pa=		,% (P	, - 14.4) +	14.4 =	<u>:</u>	-	)2 =	
$(P_c)^2 - (P_q)^2$ or $(P_c)^2 + (P_q)^2$		(P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 2  1. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup>	2 LOG of formula 2 1. or 2. and divide p2 p2 p		Backpressure Curv. Slope = "n"		n x 106		Antilog	Open Flow Deliverability Equals R x Antil (Mcfd)	
					-								
Open Flo				Mcfd @ 14.	65 psia		Deliverabi	litv	L		Mcfd @ 14.65 ps	la la	
		iana	d authority, o			states that I			o make th		ort and that he h		
				aid report is true								, 20 16	
			Witness (	if any)		KCC A	VICHIT <u>/</u>	1		yes			
<del></del>			•			FEB_1	7 2016 _				Company		
		,	For Comm	nission			EIVED			Che	cked by		

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Ruie K.A.R. 82-3-304 on behalf of the operator Thoroughbred Associates 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
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: 2/17/16
KCC WICHITA Signature:  FEB 17 2016  RECEIVED

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.