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

Type Tes	t:			(	See Instruct	tions on Rev	erse Side	)					
Open Flow				Tool Date	Test Date:				N. de				
Deliverabilty				7/21/15			API No. 15 15-007-23445 <b> 0000</b>						
Company		irces, Inc.	AND THE REST OF THE PERSON OF			Lease Thom "A	\"#1-28				Well Number		
County Location Barber NW SE SE				Section 28		TWP RNG (I 31 S 13 W		RNG (E 13 W	(W)		Acres Attributed 320		
Field Brooks					Reservoir Douglas Sand		Gas Gatheri Oneok		thering Conne	ection			
Completion Date 10/15/2009				Plug Bac 4400'	k Total Dept	h	Packer Set at None						
Casing Size Weight 4-1/2" 10.5#				Internal Diameter		Set at 4547'		Perforations 3587' to 3591'		То			
Tubing Size Weight 2-3/8				Internal Diameter		Set at 3562'		Perfo Nor	rations 10	. To			
Type Cor Single	npletion	(Describe)		Type Flui Salt W	d Production ater	า	Pump Unit or Traveling Pumping Unit			g Plunger? Yes / No			
	-	(Annulus / Tubir	ıg)		% Carbon Dioxide			% Nitrog	ieu	Gas Gravity - G			
Annulu:		1		0.136	Prop	euro Tone		2.631		0.6281 (Meter Run) (Prover) Size			
Vertical Depth(H) Pressure Taps (Meter Run) (Pro 3591' 2" Meter Run													
Pressure	Buildup	: Shut in <u>7/2</u>	202	o_15 at_		(AM) (PM)	7/2 Taken_7/2	21	20	15 at	(AM) (PM)		
Well on L	ine:	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)		
				-	OBSERVE	D SURFACE	DATA			Duration of Shut-	in_24Hours		
Static / Dynamic Property	ic Size Prover Press.		Differential in	lemperature remperature		(P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In		pois (i iii)	monos rigo			psig 580.4	psla	psig	psia	24			
Flow													
			·	· ·	FLOW STR	EAM ATTRI	BUTES			1	, <u> </u>		
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  Prover Pressure psia  Press Extensi:  Pm x		Gravity Factor Fo		Flowing femperature Factor F <sub>ft</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	y GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G <sub>m</sub>		
									21				
		-		(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS			2= 0.207		
(P <sub>c</sub> ) <sup>2</sup> =		_: (P <sub>w</sub> )²:	= <u>·</u> :	P <sub>d</sub> =	9	% (P,	- 14.4) +	14.4 = _	:	(P <sub>d</sub> ) <sup>2</sup>			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_a)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n" 		nx	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
											-		
_				<u> </u>									
Open Flow Mcfd @ 14.65 psia						Deliverability I					Mcfd @ 14.65 psia		
			on behalf of the aid report is true			_	· will	o make ti day of	- 1	rt and that he ha	s knowledge of, 20 <u>15</u> .		
==		Witness	(It any)		_KCC	MICH	TA		Kent	Robert	7		
					<u>CE</u> D	0 4 2015	<b>.</b>			Company			
		For Com	nission		JEI.	ሀፕ ፈሆቪ	,		Chec	ked by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to requexempt status under Rule K.A.R. 82-3-304 on behalf of the operator Roberts Resources, Inc.  and that the foregoing pressure information and statements contained on this application form are true correct to the best of my knowledge and belief based upon available production summaries and lease record equipment installation and/or upon type of completion or upon use being made of the gas well herein name. I hereby request a one-year exemption from open flow testing for the Thom "A" 1-28 gas well on the grounds that said well:  (Check one)  is a coalbed methane producer 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 mct/D  I further agree to supply to the best of my ability any and all supporting documents deemed by Commistaff as necessary to corroborate this claim for exemption from testing.  Date: 942415	
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Date: 9/2/15	
Signature: Kent Toberto	
Title: President	_
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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.

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