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

Type Test	t:					(-	See Instructi	ions on Re	verse Side	<del>:</del> )					
🔲 Ор	en Flo	ow.													
Deliverabilty					ŧ	Test Date: 11-12 2013				API No. 15 15-007 - 21502 -00-00					
Campagn	<del></del>					1-16	rnrw	Lease	LUID		13-0		Well Nu		
Company			1	he			i		امید					_	
County D.			امدور	tion		Section		Housland TWP		RNG (E/W)		/-2   Acres Attributed			
								325		14w		Acies Attibuted			
Barber 52 NZ.			S J E	Reservoir				Gas Gathering Connection							
			<i>ነ</i> ነ	Mississippian				Oneok							
Situmph Completion Date						Plua Bac	k Total Dept	. <b>h</b>		Packer					
//)	. <b></b> .	- 19	O2			484	•	••			one				
Completion Date // 0 - 4 - 19 Casing Size			Weight					Set at		Perforations		To			
4.500			9.50					4819				47.12			
Tubing Size			Weight			Internal Diameter		Set at		Perforations		47)2 To			
=			4.70			1.0	445	4725							
Type Con	npletic	on (D	escribe)			Type Flui	d Production			Pump U	nit or Traveling	Plunger? Yes	/ No		
						GC_S % Carbon Dioxide				Pumping Unit  Nitrogen Gas Gravity - G.					
Producing	g Thru	ı (Anı	nulus / Tubi	ng)		% C	arbon Dioxid	de		% Nitro	gen	Gas Gr	avity - (	 G	
AL	٠ .	٠ د											-	•	
Vertical D	Depth(	H)					Press	sure Taps			<del></del>	(Meter	Run) (P	rover) Size	
		. ,											•	·	
				/ i_	12	12 2	1 2 4			11 1		12 - 12			
Pressure	Build	up:	Shut in	17-	/ <u>L</u> 2	0 12 at 2	.;00	(MA) (MA)	Taken	11-1	<b>5</b>	13 at 2:3	_0(	(AM) (EM)	
Well on L	.ine:		Started		20	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
							OBSERVE	D SURFAC	F DATA			Duration of Shut-	in .	Hours	
			Gircle one		Pressure			Cas		T	Tubing	Doragon Gr Gries	<del>"</del>		
Static / Dynamic		ilce ze	Meter		Differential	Flowing	Well Head Temperature	Wellhead	_		ad Pressure	Duration	Liqui	d Produced	
		thes) Prover Pre			in Laboration	t t	t	$(P_{\pi})$ or $(P_{\iota})$ or $(P_{c})$		(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		(Hours)	1 0	(Barrels)	
			psig (Pm		Inches H <sub>2</sub> 0			psig	psia	psig	psia		<del> </del>	·	
Shut-In				1	!			10		}			1		
Flow													<del>                                     </del>		
L	<u> </u>		L			<u> </u>	<u> </u>	<u> </u>		J	<del></del>	<u> </u>	┸	<del></del>	
		τ		<del>-,-</del> -		<del></del>	FLOW STR	EAM ATTR	BUTES			· · · · · · · · · · · · · · · · · · ·			
Plate					Press	Gray	ttv	Flowing		viation Metered Flow		w GOR	1	Flowing	
Coeffieci		Pro	Meter or ver Pressure	1	Extension	Fact	or T	emperature	1	ctor	R	(Cubic Fe	et/	Fluid	
(F <sub>b</sub> ) (F <sub>p</sub> ) Motd		1	psia		Pmxh	F	- 1	Factor F <sub>ft</sub>	F	F <sub>pv</sub> (Mcfd)		Barrel)		Gravity	
<del></del>		<del> </del>	<del></del>	┪-	<del></del>	<del>- </del>		- fi	<del></del>					G <sub>m</sub>	
<u></u>			·	丄									İ		
						(OPEN FLO	W) (DELIVE	ERABILITY	CAL CUI	PATIONS				L	
(P <sub>c</sub> ) <sup>2</sup> =		:	(P_)2:	=	:	P,=_					_		= 0.20	07	
		Ī			se formula 1 or 2:	T		<del>`</del>	<sub>c</sub> - 14.4) +	14.4 = _	<del>:</del>	(P <sub>d</sub> ) <sup>2</sup>	=		
(P <sub>e</sub> )² - (P	•	(P.	<sub>=</sub> )²- (P_)²	1.	P2 P2	LOG of			eure Curve	}	_ [ ] ]		Ор	en Flow	
or (P <sub>e</sub> )²- (P	)2			2.	P2-P2	1. or 2.			or	лх	LOG	Antilog		verability	
				divide	dby: P.2-P.2	and divide	P.2-P.2		igned rd Slope				•	R x Antilog Mc(d)	
						T				<del>                                     </del>	<del></del>	<del></del>			
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Open Flow	,				1011 0 110			L			<u>_</u>				
			<del></del>		Acfd @ 14.6			Deliverabil	<del></del>			Acfd @ 14.65 psia	ı		
The ur	ndersi	gned	authority, o	n bel	nalf of the C	company, sta	ates that he	is duly aut	norized to	make th	0 0hour	and that he has		<del></del> -	
he facts sta	ated th	erein	and that e	aid ra	nost in two			<b></b>	: e	make ur	Novem)	and that he has	knowle	edge of	
	-100 (1		, and trac se	alu le	port is true i	and correct.	Executed th	his the	/) d	ay of	Novem)	<i>per</i>	, 2(	0 <u>13</u> .	
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			Witness (ii	Bny)				C WIC	·DLIA			· · · · · · · · · · · · · · · · · · ·			
			···				I A	N 2	044		For Co	mpany			
			For Commi	ission			JA	N 27 <del>-2</del>	<del>U14</del>		Check	ard by			
							_	)E0~"			on year	,			
							r	RECEIV	ED	: ,					

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
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.
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: //-/5 -/3
GLENDA MORRISON Notary Public State of Kansas My Appt. Exp. 11/30/154  Signature: Jo D. Jacobs owner / a perator  Title: Gary D. Jacobs owner / a perator

Instructions:

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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 **KECOMPO HOTA** annual test results.

JAN 27 2014