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

Type Test	:					6	See Instru	ictio	ns on Reve	erse Side	2)					
Ор	en Flor	w										023	-20242-00-00	1		
Del	liverab	ilty				Test Date	:				API	No. 15 -023	-20242-00-00	,		
									1					FALCE II NO.		
Company		⊑ne	ray Mana	gement, L	10			RΠ	Lease JEB FAR	NΛ				Well Nu 2-1		
County	auon	LIIC	Locat			Section		110	TWP	IVI	RNG (E/\	Λ <i>Γ</i> )			Attributed	
CHEYENNE SW-NE-SE				16			3S		42W			NOI 05 7	tti ibatea			
Field						Reservoir					Gas Gath	ering Conne	ection			
CHERR	RY CF	REE	K			NIOBRA						Morgan				
Completic	on Dat	е				Plug Back	Total De	pth			Packer S					
2/26/19	86					1670'										
Casing Size W			Weigl	nt		Internal Diameter			Set at		Perforations		To	· <del>-</del>		
			7#, 9.5#		6.538, 4.090			317', 1713'		1524'		1556'	1556'			
Tubing Size			Weigl	Weight			Internal Diameter			Set at		Perforations				
2-3/8				4.7#		1.	995		1581'							
Type Con	•	-	escribe)		Type Fluid Production Pump Unit or Traveling Plunger? Yes / No SALTWATER Yes-Rod Pump											
SINGL																
•	•	(Ann	ulus / Tubin	g)		% C	arbon Dio	xide	<del>)</del>		% Nitroge	en	Gas Gr	avity - C	à <sub>g</sub>	
ANNUL														<del></del>		
Vertical D	epth(H	1)					Pre	essu	re Taps				(Meter	Run) (Pi	rover) Size	
Pressure	Buildu	D: \$	Shut in	11/6	20	14 at 1	1:00 AM	1. 0	AM) (PM) 1	Taken		20	at	(	'AM) (PM)	
				11/7		14 1	1:00 AM	1.		_ :		a	at			
Well on Li	ine:	;	Started	1 171	_ 20	at		_ (/	AM) (PM)	Taken		20	at	(	AM) (PM)	
															24	
			C'esta au c	1 2			OBSERV	/ED	SURFACE		1 -		Duration of Shut-	<u>in</u>	-THours	
Static /	Orifi		Circle one: Meter	Pressur Different	lai	Flowing	Well Head		Casin Wellhead P	•	1	ubing id Pressure	Duration	Liqui	d Produced	
Dynamic Property	Size (inche		Prover Press	<i>ure</i> in	1	Temperature t	Temperatu t	re	$(P_w)$ or $(P_t)$		1	(P <sub>t</sub> ) or (P <sub>c</sub> )	(Hours)	(1	Barrels)	
	(1170111		psig (Pm)	Inches F	20	-	,		psig	psia	psig	psia	<del>- KCC</del>	W/W	CHITA	
Shut-In					1				66				100		J. 11 17 (	
Flow													DEC	11	2014	
1104											<u> </u>			1.		
				1		1	FLOW ST	TRE	AM ATTRIE	BUTES			RI	ECE	VED	
Plate			Circle one:	Press		Grav	ity		lowing	Dev	iation	Metered Flow	GOR		Flowing	
Coeffieci			Meter or ver Pressure	Extension		Fact			nperature Factor		ctor	R	(Cubic Fe		Fluid Gravity	
Mcfd			psia	√ P <sub>m</sub> X	h	F,			$F_{tt}$	'	. P4	(Mcfd)	Barrel)		G <sub>m</sub>	
	Ī			İ						i				,		
				<u> </u>		<u>l </u>			<del></del>	L	l					
						(OPEN FLO	OW) (DEL	IVE	RABILITY)	CALCUL	ATIONS		(P <sub>a</sub> )	<sup>2</sup> = 0.2	07	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	<u> </u>	:	$P_{d} = $		_%	(P <sub>c</sub>	- 14.4) +	14.4 =	:	(P <sub>a</sub> )			
(5.10.4				Choose formula 1		100-4	Г –	7 T	Backpress	sure Curve	,			Or	en Flow	
(P <sub>c</sub> ) <sup>2</sup> - (F	a)2	(P	c)² - (P <sub>w</sub> )²	1. P <sub>c</sub> <sup>2</sup> -P <sub>c</sub>		LOG of formula				) = "n" )r	nxL	.og	Antilog	Deli	iverability	
or (P <sub>c</sub> ) <sup>2</sup> - (F	2 <sub>d</sub> )2			2. P <sub>c</sub> <sup>2</sup> -P <sub>c</sub>	-	1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>		Assi	gned			5		R x Antilog (Mcfd)	
				divided by: P <sub>c</sub> <sup>2</sup>	P <sub>w</sub> ²	by:			Standai	rd Slope				ļ	(MCIG)	
												1				
<u> </u>								1					, u			
Open Flov	W			Mcfd @	14.6	5 psia	<del></del> .		Deliverabil	ity			Mcfd @ 14.65 ps	ia		
Tho	ındorci	ianac	Lauthority o	n hohalf of	tha (	Company e	tatos that	ho	ie duly aut	borizad t	o maka th	n ahaya rana	rt and that he ha	ae know	iledge of	
		-	•			, -			-	_	o make un	•	EMBER	12 1/1/044	14	
the facts st	tated th	herei	n, and that s	aid report is	true	and correc	t. Execute	ed th	nis the	5	day of			1 '	20	
<del> </del>			Witness	(if any)					_			For C	ompany			
	<i>-</i>		27417000									. 31 0				
			For Com-	nission				-				Chec	ked by			
			A													

I declare under penalty of perjury under the laws of the exempt status under Rule K.A.R. 82-3-304 on behalf of the ope and that the foregoing pressure information and statements correct to the best of my knowledge and belief based upon avoid equipment installation and/or upon type of completion or upon I hereby request a one-year exemption from open flow testing gas well on the grounds that said well:	contained on this application form are true and ailable production summaries and lease records on use being made of the gas well herein named.
is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into is on vacuum at the present time; KCC app is not capable of producing at a daily rate  I further agree to supply to the best of my ability any and staff as necessary to corroborate this claim for exemption fro	in excess of 250 mcf/D all supporting documents deemed by Commission
Date:	
Signature:	COPERATIONS ASSISTANT

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.