KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= '	:: en Flo liverat					Test Date		struct	ions on Re	verse Side	•	No. 15 023-	21278-00-00			
Company							<u>. </u>		Lease					Well Nu	mber	
		Ene	ergy Mana	age	ment, LLC				NIPPS					23-3	4	
County Location CHEYENNE NE-SW-NE-SW				Section	Section 33			TWP 5S		/w) 9 W		Acres A	ttributed			
Field PRARIE STAR					Reservoir NIOBRARA				Gas Gathering Conne Kinder Morgan		ction		-			
Completic 4/15/20		te				Plug Bac 1475'	k Total	Dept	h	-	Packer 8	Set at				
Casing Size Weight			Internal (Internal Diameter			Set at		rations	То						
			7# 11.6#		6.538, 4.000		00	•		1332'		1358'				
Tubing Size Weight 2.7#				Internal Diameter 1.995			Set at 1373		Perforations		То					
2 3/8"	nletio	n /D	occribo)	4.	.7#			uction		13/3	Dumo Ili	nit or Traveling	Plunger? Voc	/ No		
Type Completion (Describe) SINGLE					Type Fluid Production SALTWATER				Fullip Oi	int of fraveing		PUM	IP			
		(Anı	nulus / Tubir	ng)			arbon		de		% Nitrog	jen	Gas Gr			
ANNUL	.US														•	
Vertical D	epth(l	1)			-			Press	sure Taps				(Meter I	Run) (Pr	over) Size	
Pressure	Buildu	ıp:	Shut in	1(0/7 2	0_14_at_1	1:00 /	AM	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on Li	ine:		Started	1(0/8 20	0 <u>14</u> at <u>1</u>	1:00 A	AM_	(AM) (PM)	Taken		20	at	(AM) (PM)	
							OBSE	RVE	D SURFACI	E DATA			Duration of Shut-	in2	4Hours	
Static / Dynamic Property	mic Size		Meter Prover Press		Pressure Olfferential in	Flowing Well Heat Temperature Temperat		ature	Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	,	f Produced Barrels)	
· ·		psig (Pm		Inches H ₂ 0		-			psig psia		psig	psia			-	
Shut-In								_	68		<u> </u>					
Flow																
						1	FLOW	STR	EAM ATTR	IBUTES	-		1			
Plate Coeffieclent (F _b) (F _p) Mcfd		Circle and: Meter or Prover Pressure psia			Press Extension P _m xh	Gravity Factor F _g		Flowing Temperature Factor F ₁₁		Fa	iation ictor pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
				Ĺ												
P _c)² =			(P)2:	_	:	(OPEN FL	OW) (D	ELIV I	ERABILITY)) CALCUL '			(P ₄) (P ₄)	² = 0.20	07	
c/		-	(w/		ose formula 1 or 2:			Ŧ		-		 ,	V 4/			
$(P_e)^2 - (P_a)^2$ or $(P_e)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		2	1. P _c ²-P _s ² 2. P _c ²-P _s ² lea by: P.²-P _s ²	LOG of formula 1. or 2, and divide by:		, 2 W	Backpressure Curve Slope = "n"		n x LOG		Antilog	Deli Equals	Open Flow Deliverability quals R x Antilog (Mcfd)	
				CARILE .		-,-										
Open Flow	v				Mcfd @ 14.	65 psia			Deliverab	ility		 	//cfd @ 14.65 psi	a		
			•						-	12		•	t and that he ha		14	
ie iacis st	ated t	nerei	n, and that s	aid i	report is true	and correc	t. Exec	uted	this the		day of				20	
			Witness	(if any	()		-	 -	_			For Co	ompany KANSA	LS CORPO	RATION COMM	
		=	For Com	nissio	on				_			Check	ced by	NOV	1 4 2014	

exempt status und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request for Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC loing pressure information and statements contained on this application form are true and
·-	of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the
gas well on the gr	ounds that said well:
_	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
	2/2014
	Signature: Xukul Nathun Title: OPERATIONS 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 reads the form signed and dated on the front side as though it was a verified report of annual test results.

KANSAS CORPORATION COMMISSION