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

Type Test	t:				(	See Instruct	tions on Reve	erse Side	<del>=</del> )					
Open Flow						ا م ۸	No. 15							
Deliverabilty				Test Date 11/10/20			API No. 15 15-023-20865-00-00							
Company		N EN	NERGY MA	NAGEMENT	, LLC		Lease LAMPE				12-33	Well Nu	mber	
County CHEYENNE			Locat SWNW		Section 33			TWP 3S		RNG (E/W) 41W		Acres Attributed		
Field CHERR	Y CRI	EEK				Reservoir NIOBRARA				Gas Gathering Connection SOUTHERN STAR/KIN				
Completion Date 2/22/2008					Plug Bac 1586'	Plug Back Total Depth		า		Packer Set at				
Casing S 7", 41/2"			Weigh 17#.			Internal Diameter 6.538", 4.052"		Set at 243', 1648'		rations 9'	To 1416'	то 1416'		
Tubing Size			Weigh		Internal Diameter		Set at		Perforations		То			
2-3/8"		4.7#			1.995"		1441'							
Type Completion (Describe) SINGLE (GAS)				SALTV	Type Fluid Production SALTWATER			YES -	nit or Traveling ROD PUM	P				
Producing ANNUL		(Anı	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	ren	Gas Gr	avity - G	ने <sub>व</sub> 	
Vertical D	epth(F	1)				Pres	sure Taps				(Meter I	Run) (Pi	rover) Size	
Pressure Buildup: Sh		Shut in 11/	nut in 11/9 20.		15 at 8:30 AM		(AM) (PM) Taken		20	at	_ at (AM) (PM			
Well on Line:			Started 11/10 20		20 <u>15</u> at <u>8</u>	15 at 8:30 AM		Taken		20	at	(AM) (PM)		
			ı			OBSERVE	D SURFACE	DATA			Duration of Shut-	<sub>in_</sub> 24	Hours	
Static / Dynamic Property	Orifi Siz (inch	е	Circle one: Meter Prover Pressi		Flowing Temperature t	Well Head Temperature t	Wellhead P	Casing Tubing ellhead Pressure Wellhead Pressure Duration $(P_t)$ or $(P_t)$ or $(P_c)$ (Hours)			Liquid Produced (Barrels)			
Shut-In	(111011		psig (Pm)	Inches H <sub>2</sub> 0	· ·	`	psig	psia 50	psig	psia				
Flow														
						FLOW STR	EAM ATTRIE	UTES					1	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Grav Fac	tor 1	emperature Fac		itation Metered Flow actor R F <sub>pv</sub> (Mcfd)		GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>	
				•	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(D.)	²= 0.2	07	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	::	P <sub>d</sub> =	• •	•		- 14.4 =	:	(P <sub>d</sub> )			
(P <sub>o</sub> ) <sup>2</sup> - (I or (P <sub>o</sub> ) <sup>2</sup> - (I	a.	(F	P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or  1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>	LOG of formula			sure Curve = "n" or	- n x	LOG	Antilog	Deli	en Flow iverability R x Antilog	
(1,0)	d)			divided by: $P_c^2 - P_c$	and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		d Slope		L J		,	(Mcfd)	
Open Flo	w			Mcfd @ 14	 1.65 psia		Deliverabil	itv			Mcfd @ 14.65 ps	ia		
<u>.</u>		igne	d authority, o		·	states that h			to make th	••	rt and that he ha	-	ledge of	
the facts s	tated t	here	in, and that s	aid report is tru	e and correc	t. Executed	this the 3		day of	ECEMBER		,;	20	
						Makieke Oi	Received ORPORATION CO	MMISSE)	N.					
			Witness (	it any)						For C	Company			
***	· -		For Comr	nission		— DE	EC 10 <del>2</del>	<del>/ b</del>		Chec	ked by		<del></del>	

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 Foundation Energy Management, LLC
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 LAMPE 12-33  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: 12/1/2015
Signature: Latte O'H-  Title: HSE/Preglatery Tech

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.