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

Type Test	t:				•	(See Instrud	ctions on Re	verse Side	e)					
Open Flow				Test Date	Test Date:				10 4E					
De	liverat	ilty			iest Date	3:				10. 15 23-20769-0	0-00			
Company FOUNDATION ENERGY MANAGEMENT, L					LLC		Lease RUEB F	ARM				Well Number 32-16		
County Location CHEYENNE SWNE				Section 16			TWP 3S		RNG (E/W) 42W		Acres Attributed			
Field					Reservoi NIOBR/				Gas Gath	ction				
Completion Date 5/17/2007				Plug Bac 1676'	k Total Dep	oth		Packer Se	t at					
Casing Size Weight 7", 41/2" 17#, 9.5#				Internal [ 6.538",			Set at 301', 1724'		Perforations 1530'		то 1566'			
Tubing Size 2-3/8"			Weight 4.7#		Internal Diameter 1.995"		Set a	Set at 1614'		Perforations		То		
					Type Fluid Production SALTWATER			Pump Unit or Traveling Plunger? Yes / No YES						
Producing Thru (Annulus / Tubing) TUBING				% C	% Carbon Dioxide			% Nitroge	Gas Gr	Gas Gravity - G <sub>ç</sub>				
Vertical D		1)	<u></u>			Pres	ssure Taps	<del>-</del>			(Meter I	Run) (P	rover) Size	
Pressure	Buildu	n:	Shut in 12/	14 ,	, 15 <sub>at</sub> 1	1:00 AM	(AM) (PM)	Taken		20	at		(AM) (PM)	
Well on L		Γ.	Started 12/	t in 12/14 20 15 at 11:00 AM at 12/15 20 15 at 11:00 AM			(AM) (PM)	Taken			at	(AM) (FM)		
				_		OBSERVE	ED SURFACI	E DATA			Duration of Shut-	<sub>in_</sub> 24	Hours	
Static / Dynamic Property	namic Siz		Circle one: Meter Prover Pressu		Flowing Well Head Temperature Temperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>l</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		,		d Produced Barrels)	
Shut-In	••••		psig (Pm)	Inches H <sub>2</sub> 0		<u> </u>	psig	psia 80	psig	psia				
Flow								•	<u> </u>					
						FLOW STI	REAM ATTR	IBUTES	-					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Fact	Gravity Te		emperature Fa		riation Metered Flow actor R = pv (Mcfd)		et/	Flowing Fluid Gravity G <sub>m</sub>	
					Î		-				,			
					(OPEN FL	OW) (DELI\	/ERABILITY	CALCUL	ATIONS		l(P )	²≔ 0.2	07	
(P <sub>c</sub> ) <sup>2</sup> =		_: _	(P <sub>w</sub> ) <sup>2</sup> =	;	$P_d =$		% (F	c - 14.4) +	14.4 =	:	(P <sub>a</sub> )			
$(P_c)^2 - (P_g)^2$ or $(P_c)^2 - (P_g)^2$		(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. $P_a^2 - P_d^2$ tivided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slop Ass	Backpressure Curve Slope = "n" or Assigned Standard Slope		og [	Antilog De		pen Flow iverability R x Antilog (Mcfd)	
	_										·			
Open Flov	Ar .			Mcfd @ 14.	65 peia		Deliverab	ilitu		3	1cfd @ 14.65 psi	a		
		<del></del>			•									
			•	i behalf of the id report is trui			-			above repor	t and that he ha		ledge of 20 <u>15 .</u> .	
						Rece	ived							
			Witness (it	any)	KANSA	IS CORPORAT	TION COMMISSI	ON		For Co	mpany			
	-	·	For Comm	ssion		DEC 2	<b>1 20</b> 15 <sup>-</sup>			Check	ed by			

	penalty of perjury under the laws of the state of Kansas that I am authorized to request
and that the forego correct to the best of of equipment install	r Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC ing 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 ation and/or upon type of completion or upon use being made of the gas well herein named. It a one-year exemption from open flow testing for the RUEB FARM 32-16 upons that said well:
I further agree	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.
Date: 12/16/2015	Signature: Low Old Title: HSE/Regulatory 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.