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

Type Test	t;				(	See Instruct	tions on Re	verse Side	*)				
Open Flow				Test Date	Test Date:				API No. 15 -023-21064-00-00				
De	liverat	ilty			rest bate				Cili	10. 10			
Company Foundation Energy Management, LLC					С	Lease KELLER FARMS					,	Well Number 42-12	
County Location CHEYENNE NE-SE-SE-NE				Section	Section 12		TWP 2S		RNG (E/W) 39W		Acres Attributed		
Field CHERRY CREEK					Reservoir NIOBRARA			Gas Gathering Connection SOUTHERN STAR					
Completion Date 11/14/2008				Plug Bac 1252'	Plug Back Total Deptr		n ·		Packer Set at				
Casing Size Weight			ht	Internal [	Diameter			Perforations		То			
7", 41/2"				7#, 9.5#		6.538, 4.090		163', 1291'				1164'	
Tubing Size Weight 2-3/8" 4.7#			ht 4.7#	Internal D	Diameter .995	Set at 1184'		Perforations		То	То		
Type Completion (Describe) SINGLE (GAS)					d Production	n	Pump Unit or Travel		t or Traveling	ng Plunger? Yes / No ROD PUMP			
			nulus / Tubir	ıg)	, % C	arbon Dioxi	de		% Nitroge	n	Gas Gr	avity - G <sub>g</sub>	
ANNUL Vertical D		<del>-</del> j)				Pres	sure Taps				(Meter f	Run) (Prover) Size	
					44 4	4.00 414					···	<u> </u>	
Pressure	Buildu		Shut in	11/4	20_14_at_1	1:30 AIVI	(AM) (PM)	Taken	<del></del>	20	at	(AM) (PM)	
Well on L	ine:		Started	11/5	20 14 at 1	1:30 AM	(AM) (PM)	Taken		20	<u></u> at	(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	iń <u>24</u> Hours	
Static / Orific Dynamic Size		Meter		Pressure Differential ure in	Flowing Temperature	Well Head Temperature	Casing Wellhead Pressure (P, ) or (P, )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Property	(inct	ies)	psig (Pm)		t	t	psig	psia	psig	psia			
Shut-In							66					WICHITA	
Flow			_								DEC	1 2014	
<u> </u>						FLOW STR	EAM ATTR	IBÜTES			RE	CEIVED	
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Motd		Circle one:  Meter or  Prover Pressure  psia		Press Extension P <sub>m</sub> xh	Grav Fact	tor 1	Temperature F		viation Metered Flow actor R F <sub>pv</sub> (Mcfd)		GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G <sub>m</sub>	
							<del></del>	<u> </u>		,			
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> )² :	···	(OPEN FLO	OW) (DELIV		) CALCUL <sup>2</sup> 14.4) +		;	(P <sub>a</sub> ) <sup>(</sup>	² = 0.207 ² =	
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>A</sub> ) <sup>2</sup>		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Chaose formula 1 or 1. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup>			Backpressure Curve		l a v t (	og   ].	-	Open Flow Deliverability	
(P <sub>c</sub> ) <sup>2</sup> - (F	P <sub>a</sub> ) <sup>2</sup>			2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> divided by: 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>	As	orsigned ard Slope			Antilog	Equals R x Antilog (Mcfd)	
	-					,	<del></del>	. 1					
Open Flow Mcfd @ 14.65					.65 psia	5 psia Deliverability			Mcfd @ 14.65 psia				
		-			,		•	5		•	rt and that he ha	s knowledge of	
tne tacts s	tated 1	nerei	n, and that s	aid report is tru	e and correc	ī. ⊨xecuted	this the		day of			, 20	
			Witness	(if any)			-	For Company					
	-		For Com	mission	,		-			Chec	ked by		

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC								
_	oing 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 Illation 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 theKELLER FARMS 42-12								
	ounds that said well:								
(Check	one)								
<u> </u>	is a coalbed methane producer								
	is cycled on plunger lift due to water								
<u> </u>	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.								
sian as necessary	to conoborate this claim for exemption from testing.								
12/5 Date:	/2014								
<u></u>	CUITA								
	CC MIC.								
	Ke 11 lain								
	KCC WICHITA  KCC WICHITA  DE 1 2014  Signature: Makei Mathie								
	ODERATIONS ASSISTANT								
	Title:								
	·								

## 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.