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

Type Test	t:				. (	See Instruc	tions on Rev	erse Side	i)				
Open Flow			Test Date:				API No. 15 -023-21071-00-00						
☐ De	liverab	oilty			iesi Daie				OI I I	10. 15			
Company		Ene	ergy Mana	gement, LL	C ;	KE	Lease LLER FAF	RMS				Well Number 11-17	
County CHEYENNE			Locat SW-S	ion E-NW-NW	Section	Section 17		TWP 2S		RNG (E/W) 38W		Acres Attributed	
Field CHERRY CREEK				Reservoir NIOBRARA			Gas Gathering Connection SOUTHERN STAR						
Completion Date 12/2/2008			Plug Bac <b>1440'</b>	Plug Back Total Depth 1440'			Packer Se	et at					
Casing Size		Weigl	nt	Internal [	Internal Diameter		Set at		Perforations		То		
7", 4½"				7#, 9.5#	6.538, 4.090		263', 1483'		1300'		1338'		
Tubing Size 2-3/8"			Weigi	nt 4. <b>7</b> #	Internal Diameter 1.995		Set at 1294'		Perforations		То		
Type Completion (Describe) SINGLE (GAS)				Type Fluid Production SALTWATER			Pump Unit or Traveling Plunger? Yes / No ROD PUMP						
-	_	(Ал	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitroge	n	Gas G	avity - G <sub>g</sub>	
Vertical D		<del>1</del> )				Pres	sure Taps				(Meter	Run) (Prover) Size	
				10/29	14 8	NA OO:							
Pressure	Buildu		Shut in	40/00	20 <u>'                                   </u>	0.00 AM	(AM) (PM)	Taken		20 .	at	(AM) (PM)	
Well on L	.ine: 		Started	10/30 2	0 14 at 0	S.UU AIVI	(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	-in <u>24</u> Hours	
Static / Orific Dynamic Size Property (inche		ce	Circle опе: Meter	Pressure Differential	Flowing Well Head		emperature (P.) or (P.)		Tubing Wellhead Pressure		Duration Liquid Produced		
		Prover Press		1 ' ' ' '	Temperature t	Temperature t			1	P <sub>L</sub> ) or (P <sub>e</sub> )	(Hours)	(Barrels)	
Froperty	(mich		psig (Pm)	Inches H <sub>2</sub> 0	,		psig	psla	psig	psia	KCC_	WICHITA	
Shut-In							97				DEC	1 2041	
Flow											DEC	1 2014	
						FLOW STR	EAM ATTRI	BUTES			RE	CEIVED	
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> )			Circle one:	Press	Grav	ritv	Flowing	Dev	iation Metered Flow		GOR	Flowing	
		Pro	Meter or ver Pressure	Extension	Fact	tor	Temperature Factor	Fa	ctor	R	(Cubic Fe	et/ Fluid Gravity	
Mcfd		,	psia	√ P <sub>m</sub> xh	√ P <sub>m</sub> xh F <sub>g</sub>		F,		pv	(Mcfd)	Barrel)	G <sub>m</sub>	
				<u></u>									
					•	• •	ERABILITY)	CALCUL	ATIONS			<sup>2</sup> = 0.207	
(P <sub>c</sub> )² =		_:_	(P <sub>w</sub> ) <sup>2</sup> =	:;	P <sub>d</sub> =	<del></del>	% (P <sub>c</sub>	- 14.4) +	14.4 =	<del>:</del>	(P <sub>d</sub> )	<sup>2</sup> =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_r)^2$		(F	)2 - (P_)2	Choose formula 1 or 2	LOG of		Backpressure Curve Slope = "n"			[		Open Flow	
		, Ç, , w,		2. P.2-P.2	formula 1. or 2.				n x LC	.0G	Antilog	Deliverability Equals R x Antilog	
(F <sub>6</sub> ) (F	- <sub>0</sub> /-			divided by:. $P_a^2 - P_w^2$	and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		gned rd Slope	_	L		(Mcfd)	
<u>.</u> .													
Open Flow Mcfd @ 14.68					65 psia	5 psia Deliverability			Mcfd @ 14.65 psia				
				n behalf of the								as knowledge of	
tne facts si	tated ti	nerei	n, and that s	aid report is true	e and correc	i. Executed	this the		day of			, 20 <u>14</u> .	
			Witness (	if any)						For Co	ompany		
			For Comm	nission			_			Check	sed by		

exempt status un and that the fore correct to the bes of equipment inst	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operatorFoundation Energy Management, LLC going pressure information and statements contained on this application form are true and st of my knowledge and belief based upon available production summaries and lease records callation and/or upon type of completion or upon use being made of the gas well herein named. Here a one-year exemption from open flow testing for theKELLER FARMS 11-17 rounds 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  se to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date:	75/2014 CHITA
	VCC WICHITA  WET 1 2014  Signature:   OPERATIONS ASSISTANT  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 must be signed and dated on the front side as though it was a verified report of annual test results.