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

Type Test	:				(	See Instruc	ctions on Reve	erse Side	)			
Open Flow Deliverability					Test Date: API No. 15 -023-						-21061-00-00	ı
		iiiy										
Company		Ene	aray Mana	nement 11 (	•	KE	Lease ELLER FAR	MS			•	Well Number 33-18
Foundation Energy Management, LLC County Location				Section	TWP	RNG (E/W)			Acres Attributed			
CHEYENNE SE-NE-NW-SE					18	28	28		38W			
Field CHERRY CREEK				Reservoir NIOBR			1		Gas Gathering Connection SOUTHERN STAR			
Completic	on Dat	e			Plug Bac	k Total Dep	oth		Packer S	Set at		_
11/21/2					1351'							
Casing Size 7", 4½"			Weight 17#, 9.5#		Internal Diameter 6.538, 4.090		Set at 153', 1396'		Perforations 1200'		то 1238'	
			Weigh		Internal Diameter		Set at		Perforations		To	
2-3/8" 4.7#				1.	995	1:	1260'				•	
Type Con			-		• .	d Productio	n		Pump Ur	nit or Traveling	_	/ No
SINGL	<u> </u>					NATER arbon Diox	rida.		g/ Nitrog			PUMP
Producing Thru (Annulus / Tubin ANNULUS				))	% C	ace	% Nitrogen			Gas Gravity - G <sub>g</sub>		
Vertical D		1)				Pres	ssure Taps		-		(Meter i	Run) (Prover) Size
		•					•				,	
Pressure	Buildu	p: :	Shut in	11/6	14 at 8	3:45 AM	. (AM) (PM) T	aken	_	20	at	(AM) (PM)
Well on Li	ine:	;	Started	11/7 2	0.14 at 8	3:45 AM	. (AM) (PM) T	aken		20	at	(AM) (PM)
		-	<del></del>				ED SURFACE				Duration of Shut-	21
Statio /	Osifi		Circle one:	Pressure	Flowing	Well Head	Casin		-	Tubing	Detailor of Gridi-	110013
Static / Orifice Dynamic Size		θ	Meter Prover Pressu	Differential re in	Temperature		a	Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>2</sub> )		ad Pressure r (P <sub>e</sub> ) or (P <sub>e</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Property	(inch	es)	psig (Pm)	Inches H <sub>2</sub> 0	[ t	t	psig	psia	psig	psia	KCC W	
Shut-In	-						34					
Flow				<del></del>							DEC 1	<del>1 2014</del>
1					l	ELOW ST	DEAM ATTRIE	LITEC		<u> </u>	REC	L EIVED
DI-4-			Circle one:			LEGAN 211	REAM ATTRIE	OIES				
Plate Coeffiecient		Meter or		Press Extension	Grav Fact	, I	Temperature	Flowing Dev mperature Fa		Metered Flow	GOR (Cubic Fe	Flowing   et/ Fluid
(F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Prover Pressure psia		√ P <sub>m</sub> xh	F		Factor F.,	Factor F		(Mcfd)	Barrel)	Gravity G <sub>m</sub>
												- "
	!											ļ
(D.)2			(D. )2		•		/ERABILITY) (					z = 0.207
(P <sub>c</sub> ) <sup>2</sup> =	1	<del>-</del> :-	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2	P <sub>d</sub> =		1	- 14.4) +		<u> </u>	(P <sub>d</sub> )	· =
(P <sub>c</sub> )² - (F		(P	c)2 - (Pw)2	1. P <sub>c</sub> <sup>2</sup> -P <sub>e</sub> <sup>2</sup>	LOG of formula		Backpress Slope	= "n"	n x	LOG		Open Flow Deliverability
or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>				2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	1. or 2.		Assigned				Antilog	Equals R x Antilog
				divided by: P.2 - P.	2 by:		Standar	d Slope				(Mcfd)
Open Flov	N			Mcfd @ 14.	.65 psia		Deliverabili	ty		<u> </u>	Mcfd @ 14.65 psi	a
The c	unders	igned	l authority, or	behalf of the	Company, s	tates that i	ne is duly auth	norized te	o make th	ne above repo	rt and that he ha	s knowledge of
the facts st	tated ti	herei	n, and that sa	id report is true	e and correc	t. Executed	d this the	5	day of	DEC	EMBER	, 20
									•			
			Witness (ii	anvl						Env	Отралу	
			THEOS (II	~··7/						Fulc	·····puriy	
<del></del>			For Comm	ission						Chec	ked by	

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 theKELLER FARMS 33-18
gas well on the grounds 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  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: 12/5/2014  WCC WICHITA  WCC VIICHITA  WEEVED  RECEIVED  Signature: 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.