KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	::					(See Instru	ictions on l	Reverse S	rde)					
Open Flow				Test Date: 10/29/2015								023	3-21169-00	00		
De	liverab	ilty				Test Date	10/23/	2013			APIN	10, 15 -020	-21103-00	-00		
Company	,							Lease						Well N	lumber	
		Ene	ergy Mana	aen	nent. LLC	2	K	ELLER F							3-13	
County			Loca			Section		TWP			RNG (E/W	<u></u>		Acres	Attributed	
CHEYE	NNE		NW-8	8E-N	NE-SE_		13		2S		39\	Ń				
Field						Reservoir						aring Conn				
CHERR			:K			NIOBRA						IERN ST	AR			
Completic		е				Plug Baci 1375'	k Total De	pth			Packer Se	t at				
12/4/201 Casing Si			 Weig	ht		Internal D	liameter		t at		Perfora		To	-		
7", 4½"			_	17#, 11.6#			8, 4.00		143', 1419'			1196'	• -	1240'		
			Weig			Internal D			Set at		Perfora		To			
2-3/8"			_	4.7	7 #	1.	995		1263'							
Type Con	npletio	n (De	escribe)			Type Flui	d Producti	ion			Pump Unit	or Traveling		es / No		
SINGLE (GAS)						SALTV	VATER							ROD PUMP		
		(Anı	nulus / Tubir	ıg)		% C	arbon Dio	xide			% Nitroger	n	Gas	Gravity -	G _g	
ANNUL													_			
Vertical D	epth(H	ł)					Pre	essure Taps					(Mei	ter Run) (Prover) Size	
Pressure	Buildu	p:	Shut in	10/	28 ₂	0 15 at 8	3:00 AM	_ (AM) (PN	/i) Taken_			20	at		. (AM) (PM)	
Well on Li	ino:		Started	10/	29 2	₀ 15 at 8	:00 AM	/ A N A') / ED A	A) Takan			20	at		_ (AM) (PM)	
Well Off L	iri o .		Statieu			0 at		_ (AWI) (FA	n) laken_			20	at		- (AIM) (LIM)	
-							OBSERV	ED SURFA	CE DATA				Duration of SI	nu t-in	24 Hours	
04-V- /	0-20		Circle one:		Pressure	Floring			asing .		Tut	ing	Daramon or or	1	110010	
		ifice Meter			Differential	Flowing Temperature	Weil Head Temperatur	Wellhe	Wellhead Pressure		Wellhead	Pressure	Duration	Líq	Liquid Produced	
Property	(inch	es)	Prover Pressure psig (Pm)		in Inches H ₂ 0	t	t	(P _w) or	(P _w) or (P _t) or (P _c)			P _I) or (P _c)	(Hours)		(Barrels)	
Shut-In			P=-3 (· ···/		1101100 112			psig	psia		psig	psia		•		
Shut-in				-				65					•			
Flow																
			•			•	FLOW ST	REAM AT	TRIBUTES	<u> </u>	•			•		
Plate	Ì		Circle one:		Press	1 0	14	Flowing	Ι.						Flowing	
Coefficcient (F _b) (F _p) Mcfd		<i>Meter</i> or <i>Prover Pressure</i> psla			Extension	Grav Fact	- 1	Temperatur	a I		iation ctor	Metered Flov		OR : Feet/	Fluid	
				√ P _m xh		F _g		Factor		F	pv	(Mcfd)	Ba	rrel)	Gravity G _m	
-			•	1				', '''					_		-m	
	J,					<u> </u>									.]	
						(OPEN FLO	ÓW) (DELI	IVERABILI	TY) CALC	UL	ATIONS		,	$(P_a)^2 = 0$	207	
(P _c)² =		_:	(P _w) ² :	=	:	P. =		%	(P _c - 14.4)	į +	14.4 =	:		P _a) ² =		
				Choos	se formula 1 or 2	:]		Backr	ressure Cu						Open Flow	
(P _o) ² - (F		(P)2-(P _w)2		. P _c - P _a 2	LOG of formula		8	Slope = "n"		n x LC	og .	Antilog		eliverability	
or (P _c)² - (F)²				. P _c ² -P _d ²	1, or 2, and divide	P.2 - P.2		or Assigned		·		Antilog	Equa	lls Fl x Antilog	
				divide	$dby: P_c^2 - P_w^2$	by:	.° . m.	Sta	ndard Slope	=			_		(Mcfd)	
	ŀ															
_		•	_						_				<u>-</u>	Ti T		
													_			
Open Flor	w			ľ	Mcfd @ 14.	65 psia		Deliver	ability				Mcfd @ 14.65	psia		
The I	ındersi	ianea	d authority of	n he	half of the	Company, s	tates that	he is duly	authorized	1 14	n make the	above repo	ort and that he	has kno	wledge of	
		_	•			• •		•				-	CEMBER		15	
the facts si	tated ti	nerei	n, and that s	aid r	eport is true	e and correc	t. Execute	ed this the .	=	_	day of				, 20	
								Received								
			Witness	(if any))	K		PORATION CO	DMMISSION			Fore	Company			
								* 4 D D	\4 <u>c</u>							
			For Com	mission	1		DE(C 10 ?(nd)			Che	cked 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 the KELLER FARMS 43-13
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: 12/7/2015
Signature: <u>Jaille O'ha</u> Title: <u>HSE/Maclatery</u> Tcch

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.