KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	n Flow			(See Instruc	tions on Reve	erse Side	9)			
	ri Flow verabilty			Test Date	3;			API	No. 15 -023	-21065-00-00	
Company						Lease				•	Well Number
	tion Er		gement, LLC		KE	LLER FAR	MS				13-17
County CHEYEN	INE	Locat SW-N	ion IW-SW	Section 	17	TWP 2S		RNG (E.	W) BW		Acres Attributed
Field CHERRY CREEK				Reservoir NIOBR					Gas Gathering Connection SOUTHERN STAR		
Completion 12/1/200		•		Plug Bac 1445'	k Total Dep	th		Packer (Set at		
Casing Siz 7", 4½"	e	Weigi 1	nt 7#, 10.5#	Internal D	Diameter 8, 4.052	Set at	1489'	Perfo	rations 1294'	то 1320'	
Tubing Size	e	Weigl		Internal D		Set at		Perfo	rations	To	
2-3/8"			4.7#		.995		384'				
Type Comp SINGLE					d Production NATER	n		Pump Ui	nit or Traveling	_	/ №) PUMP
Producing	Thru (A	nnulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G _g
ANNULU											
Vertical De	pth(H)				Pres	sure Taps				(Meter F	Run) (Prover) Size
Pressure B	uildup:	Shut in	10/1 2	0_15_at_2	2:15 PM	(AM) (PM) T	aken		20	at	(AM) (PM)
Well on Lin	10:	Started	10/2 20	15 at 2	2:30 PM	(AM) (PM) T	aken		20	at	(AM) (PM)
_					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours
Static /	Orifice	Circla ona: Meter	Pressure Differential	Flowing	Well Head	Casin Wellhead P	•		Tubing ad Pressure	Duration	Liquid Produced
Dynamic Property	Size (inches)	Prover Press	I I	Temperature t	Temperature t	(P _w) or (P _t)	or (P _a)	(P,,) o	r (P _t) or (P _c)	(Hours)	(Barrels)
Shut-In		F-S (m)				psig 8	psia	, psig	psia		
Flow						<u></u>					
					FLOW STR	REAM ATTRIE	BUTES	٠			
Plate Coeffiecier (F _b) (F _p) Mcfd		Circle ona: Meter or trover Pressure psia	Press Extension			Flowing Temperature Factor F _{it}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_m
		-									
			<u> </u>	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		/P \	? = 0.207
(P _c) ² =	:	(P _w) ² =	::	$P_d =$		% (P _c	- 14.4) +	14.4 =	:	(b ^q);	
(P _c) ² - (P _a)		(P _c) ² - (P _w) ²	1. P _c ² - P _z ²	LOG of formula		Backpressure Curve Slope = "n"		n x LOG		Antilog	Open Flow Deliverability
or (P _c) ² - (P _d))²		2. P _c ² -P _d ² divided by: P _c ² -P _w ²	1. or 2. and divide by:	P _c ² -P _w ²	Assi Standar					Equals R x Antilog (Mcfd)
	_			 		<u> </u>		_			
Otan Flau			N-4-1 @ 14	OT!-		Dalhianahili	.			N-64 @ 44 CF	_
Open Flow			Mcfd @ 14.6	oo psia		Deliverabili	ıy			Mcfd @ 14.65 psi	<u> </u>
		•	n behalf of the aid report is true				16	o make th	•	rt and that he ha CEMBER	s knowledge of
		-	-								· ——-
		Witness	If any)	···-	KANSAS CORF	Received — PORATION COMA	IISSION		For	Company	
		For Com	níssion			2 1 2015			Chec	cked by	

exempt statu and that the correct to the of equipmen	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request us under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records to installation and/or upon type of completion or upon use being made of the gas well herein named. I request a opervear exemption from open flow testing for the KELLER FARMS 13-17
•	request a one year exemption for open new testing for the
gas well on t	the grounds that said well:
l further	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 agree to supply to the best of my ability any and all supporting documents deemed by Commission essary to corroborate this claim for exemption from testing.
Date	1.11- ()11
	Signature:

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.