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

_ :	: en Flov liverabi				•	'See Instru 3: 11/25/	uctions on Re	verse Side	•	No. 15 023-	20759-00-00	•
Company	,			•			 Lease		<del></del>			Well Number
		Ene	rgy Manag	ement, LLC	<u> </u>		RUEB FA	RM				43-15
County Location CHEYENNE NE-SE			n 	Section	15	TWP	TWP 3S		RNG (E/W) 42W		Acres Attributed	
Field CHERRY CREEK				Reservoir NIOBR		<u> </u>	Gas Gathering ( Kinder Morga		_	ection		
Completion 10/1/20		9			Plug Bac 1650'	k Total De	pth	•	Packer S	et at		
Casing Si			Weight	<del></del>	Internal D	Diameter	Set		Perfor	ations	То	
7", 4 ½"		17# 9.5#		6.538, 4.090			300', 1696'		1486'	1552'		
Tubing Size 2 3/8"		Weight 4.7#		Internal Diameter 1.995		Set	Set at 1 <b>59</b> 2		ations	То		
Type Con	pletion	(De			Type Flui	d Producti	ion		Pump Un	it or Traveling	-	/ No
SINGL						WATER						PUMP
ANNUL		(Anr	ulus / Tubing	l	% C	arbon Dio	ixide		% Nitroge	en	Gas Gr	avity - G <sub>g</sub>
Vertical D		)				Pre	essure Taps			<del></del>	(Meter I	Run) (Prover) Size
		•				,					•	. –
Pressure	Buildup	o; {	Shut in	1/24	20 15 at 8	3:45 AM	(AM) (PM)	Taken			at	(AM) (PM)
Well on L	ine:	:	Started	1/25 2	0 <u>15</u> at 8	3:45 AM	_ (AM) (PM)	Taken		20	at	(AM) (PM)
							/ED SURFAC				Duration of Shut-	24
Static /	Orific	e e	Circle one:	Pressure	Flowing	Well Head	Cas	ing	1	ubing		
Dynamic Property	Size (inche	•	Meter Prover Pressur	Differential in	Temperature t		<sub>re</sub>   Wellhead	Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		ad Pressure (P <sub>L</sub> ) or (P <sub>C</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Troperty	(1110111	,3)	psig (Pm)	Inches H <sub>2</sub> 0	<u> </u>	,	psig	psia	psig	psia	<del>.,</del>	
Shut-In							61		ļ			
Flow							<u> </u>		_			
				_	-	FLOW ST	REAM ATTE	IBUTES				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circie one: Meter or Prover Pressure psia		Press Extension P <sub>m</sub> xh	Extension Fact		Flowing Temperature Factor F <sub>rt</sub>	Deviation Factor F <sub>pv</sub>		Metered Flov R (Mcfd)	GOR (Cubic Fe Barrel)	I Gravity
	1			_			· -					
			1	<del>-</del>	(OPEN FL	OW) (DELI	······································	) CALCUL	.ATIONS	<u> </u>	(P.)	²= 0.207
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =_	:	P <sub>d</sub> =			- - 14.4) +		:	(P <sub>d</sub> )	
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	-	(P	c)2-(Pw)2	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slo As	ssure Curve pe = "n" - or signed	n x L	.oo.	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
-	$\dashv$	-	d	vided by: Pc2-Pw	2 by:	<u> </u>	Stand	lard Slope	<del>-</del>		·	()
	1			<del></del>								
Open Flor	w			Mcfd @ 14.	.65 psia		Deliveral	oility	I		 Mcfd @ 14.65 ps	ia
The t	undersi	gnec	authority, on	behalf of the	Company, s	states that	he is duly a				rt and that he ha	as knowledge of
the facts s	tated th	erei	n, and that sai	d report is tru	e and correc	t. Execute	ed this the	3	day of	DEC	CEMBER	, <sub>20</sub> <u>15</u>
						_KANSAS (	Received CORPORATION (	ŧ				
			Witness (if	any)		_			ı	ForC	Company	
	·		For Commis	sion		<del></del>	EC 102	<del>UID</del>		Chec	cked by	

CONSERVATION DIVISION WICHITA, KS

	re 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
and that the correct to th of equipmen	e 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 and installation and/or upon type of completion or upon use being made of the gas well herein named.  If request a one-year exemption from open flow testing for the
	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  ragree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as nec	essary to corroborate this claim for exemption from testing.
,	
	Signature: Lath O'H- Title: HSE/Balatay Tach

## 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.