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

Type Test					(	See Instruct	ions on Reve	rse Side	)			
Deliverabilty					Test Date 9/15/20					No. 15 023-20954-0	00-00	
Company FOUNDATION ENERGY MANAGEMENT, LLC							Lease RUEB FARM				Well Number 33-16B	
County Location CHEYENNE NWSE				Section 16		TWP 3S		RNG (E/W) 42W		,	Acres Attributed	
Field CHERRY CREEK				Reservoir NIOBRARA					hering Conne R MORGAN			
				Plug Back Total Depth 1727'		ħ		Packer Set at				
Casing Size 7", 41/2"			Weigh 17#, 1			Internal Diameter 6.538", 4.052"		Set at 315', 1768'		rations 3'	то 1568'	
Tubing Size 2-3/8"			Weigh 4.7#			Internal Diameter 1.995"		Set at 1603'		rations	То	
Type Completion (Describe) SINGLE (GAS)					Type Flui	d Production	Pump Unit or Tr YES, ROD I		•	veling Plunger? Yes / No		
Producing Thru (Annulus / Tubing) ANNULUS				% C	arbon Dioxi	ie	% Nitrogen		en	Gas Gravity - G		
Vertical D		1)	·			Press	sure Taps				(Meter F	Run) (Prover) Size
Pressure	Buildu	p:	Shut in9/1	4 2	0_15_at_1	0:00 AM	(AM) (PM) T	aken		20	at	(AM) (PM)
Pressure Buildup:       Shut in 9/14       20 15 at 10:00 AM (AM) (PM) Taken       20 at 10:05 AM (AM) (PM) Taken       20 at 10:05 AM (AM) (PM) Taken							at	(AM) (PM)				
						OBSERVE	D SURFACE	DATA			Duration of Shut-i	n_24Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	Shut-In		P4-3 (1)				psig psia 58		psig	psia	• ••	
Flow												
	1	_		_	1	FLOW STR	EAM ATTRIB	UTES	1			
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Citale one: Meter or Prover Pressure psia		Press Extension P <sub>m</sub> x h	Gravity Factor . F <sub>g</sub>		Flowing Devia Femperature Fact Factor F <sub>p</sub>		ctor R		v GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G <sub>m</sub>
(P <sub>c</sub> ) <sup>2</sup> =		_;	(P <sub>w</sub> ) <sup>2</sup> =	` ;	(OPEN FLO		ERABILITY) (		ATIONS 14.4 =	:	(P <sub>a</sub> )² (P <sub>d</sub> )²	= 0.207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>o</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide P2_P2		Backpressure Curve Slope = "n" or Assigned Standard Slope		1		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flo	NA/			Mcfd @ 14.	65 neia		Deliverabili	h/			Mcfd @ 14.65 psi	3
		igned	d authority, or		•	tates that h		•	o make th		ort and that he ha	<del></del>
the facts s	tated t	herei	n, and that sa	uid report is true	and correc	t. Executed	this the 3		day of D	ECEMBER	·	, 20 _15
Witness (if any) KAN						KANSAS CO	Received_ PRPORATION CO	MMISSION		For	Company	
<del></del>			For Comm				C 10 20			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 RUEB FARM 33-16B gas well on the grounds that said well:
(Check one)  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: Lawt Olh- Title: ItsE/Angulatery 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.