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

Type Test	i:					(	See Inst	ructic	ons on Rev	verse Side	e)							
= '	en Flo liverat					Test Date	Test Date: API No. 15 15-023-20801-00-00											
Company FOUNDATION ENERGY MANAGEMENT, LLC									Lease ZWEYGARDT						Well Number 41-05			
						Section 5	Section				RNG (E	E/W)			Acres Attributed			
						Reservoi					Gas Ga SOUT	_		ection /KINDER MORGAN				
·					Plug Bac 1552'	k Total [	Depth	ı		Packer Set at								
Casing Size Weight				Internal I	Internal Diameter 6.538",4.090"			t , 1594'	Perforations 1362'			то 1402'						
						Internal Diameter			Set at 1438'		Perforations			То				
					Type Flui					Pump Unit or Traveling Plunger? Yes / No YES-PUMPING UNIT								
Producing	g Thru		rulus / To	ıbing)			arbon D		е		% Nitro	gen			Gas Gr	avity - G	i <sub>g</sub>	
ANNUL Vertical D		H)					F	ressu	ure Taps						(Meter I	Run) (Pr	over) Size	
Pressure	Buildu	p:	Shut in _	2/19		0_15 at_2	:00 PM	1(	(AM) (PM)	Taken	-		20	(	at	(	AM) (PM)	
Well on Line: Started 2/20 2				0 <u>15</u> at <u>2</u>	4E 2:00 DM						) at							
							OBSE	RVED	SURFACE	DATA				Durat	ion of Shut-	in_24	Hours	
Static / Dynamic Property	Siz	rifice Circle or Size Meter ches) Prover Pre		er essure	Pressure Differential in Inches H <sub>o</sub> 0	Flowing Well Heat Temperature Temperat			wellhead Pressure $(P_w)$ or $(P_l)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)			
Shut-In			poig (	,	monos rigo				psig	psia 52	psig		osia					
Flow	-																	
							FLOW	STRE	AM ATTRI	BUTES								
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		re	Press Extension ✓ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>n</sub>		Fa	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)		GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
						(OPEN FL	OW) (DE	LIVE	RABILITY)	CALCUI	LATIONS					<sup>2</sup> = 0.2	07	
(P <sub>c</sub> ) <sup>2</sup> =		<u> </u>	(P,	) <sup>2</sup> ==	oose formula 1 or 2	P <sub>a</sub> =		%		' <sub>e</sub> - 14.4) +	1		; 		(P <sub>d</sub> )	² = T		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>			1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	formula 1. or 2. and divide p2.p2		Backpressure Curvi Slope = "n" or Assigned Standard Slope		n x 106		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)			
				_l		<u> </u>			<b>D</b> -0	1114				N4:43	© 44 05 1			
Open Flo					Mcfd @ 14.	,			Deliverab			-			@ 14.65 psi			
		_		-	report is true									ort and	that he ha		edge of	
	U l		., and III	vaiu	.opon to titl	LING GOILGE		1								Re	ceived	
			Witr	ess (if ar	iy)			_					For	Company	,	CORPO	RATION COMMISS	
			For	Commissi	ion				_				Che	cked by	,		<del>1 6 201</del> 5	
															CO		TION DIVISION 11TA, KS	

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
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.
Received  KANSAS CORPORATION COMMISSA  CONTROL OF THE PROPERTY
Date: 3/6/2015 KANSAS CORPORATION COMMISSAS
CONSERVATION DIVISION WICHITA, KS  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.