## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test				•	Oce Madde	dons on he	- 136 OIDE	,					
	en Flow liverabilty	,		Test Date	ə:			API	<sub>No. 15</sub> -181	-20369-00-00			
Company		nergy Mana	gement, LLC	· .	ı	Lease P. HELMA	.N			,	Well Nur 13-2		
County SHERM		Locat		Section 24		TWP 6S		RNG (E/W) 40W		Acres Attributed			
Field GOODLAND		1444-1		Reservoir BEECHER ISLAN				Gas Gathering Connect Kinder Morgan		ection			
Completion Date		<u> </u>	Plug Back Total				Packer S						
7/7/200 Casing Si		Weigl	nt	1477' Internal C	Diameter	Set a	t	Perfo	rations	То			
8-5/8",			24# 9.5#	8.097, 4.090		429', 1517'		1281'		1308'			
Tubing Si. 2-3/8"	z <del>e</del>	Weight 4.7#		Internal Diameter 1,995		Set at 1332'		Perforations		То			
Type Com SINGL					d Production	n	_	Pump Ur	it or Traveling	_	/ No PUM	 Р	
Producing ANNUL		nnulus / Tubin	g)	% C	arbon Dioxi	ide		% Nitrog	en	Gas Gra	evity - G	9	
Vertical D					Pres	sure Taps				(Meter F	Run) (Pr	over) Size	
Pressure	Buildun	Shut in	11/3	14 <sub>at</sub> 7	7:45 AM	(AM) (PM)	Taken	•	20	at			
Well on Li	·	Started	11/4 20	14 at 7	7:45 AM					at			
		•		•				11			2		
	Orlina	Circle one:	Pressure	Floring	I	D SURFACE Casi		1	ubing	Duration of Shut-i	<u>n</u>	Hours	
Static / Dynamic Property	Orifice Size (inches)	Meter Prover Press psig (Pm)	Differential ure in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	(P <sub>w</sub> ) or (P	) or (P <sub>e</sub> )	(P <sub>#</sub> ) or	ad Pressure (P <sub>c</sub> ) or (P <sub>c</sub> )	Duration (Hours)		Produced arrels)	
Şhut-In		paig (i iii)	menes n <sub>2</sub> 0			psig 66	psia	psig	psia	KCC	₩IC	HITA	
Flow								·		DEC	112	2014	
			1		FLOW STE	REAM ATTRI	BUTES			RE	CEI	 /ED	
Plate Coefficci (F <sub>b</sub> ) (F <sub>c</sub> Mcfd	ent ) P	Cirole one: Meter or Prover Pressure psia	Press Extension ✓ P <sub>m</sub> xh	Grav Fact F <sub>g</sub>	tor	Flowing Temperature Factor F <sub>it</sub>	Fa	ation ctor pv	Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	et/	Flowing	
,			-	•	OW) (DELIV	'ERABILITY)					= 0.20	 )7	
$(P_c)^2 = (P_w)^2 = (P_w$		Choose formula 1 or 2:	P,=	<del></del> '	1	(P <sub>e</sub> - 14.4) +		: :	(P <sub>d</sub> )²	, ,			
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	<ol> <li>P<sub>c</sub><sup>2</sup> - P<sub>a</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> <li>divided by: P<sub>c</sub><sup>2</sup> - P<sub>w</sub><sup>2</sup></li> </ol>	LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slop	e = "n" or ligned ard Slope	nxl	.og	Antilog	Deliv Equals	en Flow verability R x Antilog Mcfd)	
			<u> </u>		<u> </u>								
Open Flov	N		Mcfd @ 14.6	55 psia		Deliverab	lity		1	Vicfd @ 14.65 psi	a		
			n behalf of the laid report is true				5	make th		t and that he ha EMBER		edge of	
		Witness (	if any)			-			ForC	ompany			
		Far Comr	nission		<del></del>				Chec	ked by			

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC
	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.  P. HELMAN 13-24
	reby request a one year exemption non open now testing for the
jas we	ll 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
	rther 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.
	12/5/2014
Date: _	——————————————————————————————————————
	12/5/2014  WCC WICHITA  WELL 11 2014  DEL Signature:  Signature:
	KCC 11 5014
	UEL CENEU
	RED (Xihal) & south (1)
	Signature: ( ) M//// // ///// W/
	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.