KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Reve	erse Side	!)					
Open Flow				Test Date:					No 15 -181	-20445-00-00				
De	liverab	ilty			iesi Daii	ə.			API	110. 15	20110 00 00			
Company					_	_	Lease			,	1	Well Nu		
Foundation Energy Management, L			Section	ŀ		HELMAN TWP		AAN.		24-2	24 attributed			
County SHERM	AN			-SE-SW		24	6S		RNG (E/	OW	•	ACIES A	unbulea	
Field GOODLAND				Reservoi				Gas Gathering Connection Kinder Morgan		ection				
Completic	n Dat	e				k Total Dep	th		Packer S					
8/11/20					1486′									
Casing Size 7", 41/2"			Weight 17#, 10.5#			Internal Diameter 6.538, 4.052		Set at 469', 1528'		rations 1362'	To 1390'	1390'		
Tubing Size			Weight		Internal Diameter		Set at		Perforations		То			
2-3/8"				4.7#		.995		437'		***				
Type Com	•		•		• •	d Production NATER	n		Pump Ur	nit or Traveling	Plunger? Yes	/ № PUN	tp	
			nulus / Tubing)		Carbon Dioxi	ide		% Nitrog	en	Gas Gr			
ANNUL		•	· ·	,					·			•	g	
Vertical D	epth(F	1)				Pres	sure Taps				(Meter F	Run) (Pr	over) Size	
				4010										
Pressure	Buildu	p:	Shut in	12/9	15 at 1	9:00 AM	(AM) (PM) T	aken		20	at	(AM) (PM)	
Well on Li	ine:		Started	12/10 2	o <u>15</u> at <u>1</u>	0:00 AM	(AM) (PM) T	aken		20	at	(AM) (PM)	
													5	
· · ·	_	-	Circle one:	I Dynamus	 	OBSERVE	D SURFACE		Γ.	Eshian I	Duration of Shut-	in	.oHours	
l I		е .е	Meter	Pressure Differential	Flowing Temperature	Well Head Temperature	Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration	Liquid Produced		
Property	(inch		Prover Pressur psig (Pm)	e in Inches H₂0	t	t	(P _w) or (P _t)	or (P _c)	(P _w) or	r (P _t) or (P _c) psia	(Hours)	(E	Barrels)	
Shut-In			1				32	psia	psig	psia				
Flow														
L						FLOW STR	REAM ATTRIE	UTES				1		
Plate	İ		Circle one:	Press	Grav	iitu	Flowing	Day	iation	Metered Flow	GOR		Flowing	
Coeffiecient (F _b) (F _b)		Meter or Prover Pressure		Extension	Fac	tor	Temperature Factor	Fac	ctor	R	(Cubic Fe	er/ I	Fluid Gravity	
Mcfd			psia	√ P _m xh	F,	1	F _{ft}	·	pv	(Mcfd)	Barrel)		G _m	
	l							ļ				1		
			•		(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		/D \	² = 0.2	07	
(P _c) ² =		_:	(P _w) ² =_	:	P _d =		% (P _e	- 14.4) +	14.4 =	:	(P _d)			
				hoose formula 1 or 2		Г٦	Backpress			ГЛ		On	en Flow	
(P _c) ² - (F or	_	(1	P _c) ² - (P _w) ²	1. P_{c}^{2} - P_{a}^{2} 2. P_{c}^{2} - P_{d}^{2}	formula 1. or 2.			r	. nx	LOG	Antilog		verability R x Antilog	
(P _a) ² - (F	o _d) ²			ivided by: $P_a^2 - P_a$	and divide	P ₂ - P _w 2	Assi Standar			. []			(Mcfd)	
									<u> </u>					
Open Flov	N			Mcfd @ 14.	.65 psia		Deliverabili	ty			Mcfd @ 14.65 psi	а		
The u	ınders	igne	d authority, or	behalf of the	Company,	states that h	· ·		o make th		rt and that he ha	ıs know		
the facts st	tated t	herei	n, and that sa	id report is tru	e and correc	t. Executed	this the	16	day of	DEC	EMBER	, 2	20	
						Rea	eived							
			Witness (If	any)	KAN	SAS CORPOR	ATION COMMISS	ION		For C	Company			
			For Commi	ssion		∏F Ր ን	1 2015			Chor	cked by			
			, or contin			-LU L	I ZUIJ			Cilot				

exempt st	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC the 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
of equipm I here	nent installation and/or upon type of completion or upon use being made of the gas well herein named. Beby request a one-year exemption from open flow testing for the
	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 her agree to supply to the best of my ability any and all supporting documents deemed by Commission eccessary to corroborate this claim for exemption from testing.
Date:	12/16/2015
	Signature:HSE/Regulatory Tech

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.