KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	ions on R e v	rerse Side	∌)				
Ор	en Flo	w			.	: 11/10/20	115			No. 15 023-	21282_0	0-00	
Del	liverab	ilty			Test Date	: 11/10/20	313		API	No. 15 020	21202-0	0-00	
Company	,						Lease					We	Il Number
Founda	ation	Ene	ergy Manag	jement, LL0	2		NIPPS						13-33
County			Locati		Section		TWP		RNG (E/			Act	es Attributed
CHEYE	NNE		NE-N	V-NW-SW	Reservoir	33	58	<u> </u>		9W			:
Field PRARIE	E STA	٩R			NIOBRARA				Gas Gathering Connection Kinder Morgan		ection		
Completic		e				k Total Dept	h		Packer S	Set at			
4/21/20 ² Casing Si			Weigh	<u> </u>	1494 Internal D	Nameter	Set a	+	Perfo	rations	т	<u>. </u>	
7", 4 ½" 17# 11.6#					3, 4.000	416, 1538		. 0110	1330'	•	1361'		
Tubing Si			Weigh		Internal E	-	Set a		Perfo	rations	7	ō	
2 3/8"				4.7#		995		1401					
Type Com	•	n (De	escribe)			d Production	ו		Pump Ur	nit or Traveling	Plunger?	Yes / ROD F	
SINGL		/Anr	nulus / Tubing	١		NATER	de		% Nitrog	en		as Gravi	
ANNUL	-	(A)	idios / Idoling	,	<i>7</i> 8 C	AIDON DIOXI	uc .		70 THILLOG		•	ago Ciavi	.y - G
Vertical D		1)				Press	sure Taps				(1	Meter Rur	n) (Prover) Size
							·						
Pressure	Buildu	p: :	Shut in	11/9	15 at 9	9:15 AM	(AM) (PM)	Taken		20	at		(AM) (PM)
Well on Li	ine:		Started	11/10 2	0 <u>15</u> at <u>9</u>	9:15 AM	(AM) (PM)	Taken		20	at		(AM) (PM)
			-			_	D SURFACE				- Duration o		24
			Circle one:	Pressure	Ι		Casi		T -	Tubing	Duralion	i Gildein _	riours
Static / Dynamic	Orifi Siz		Meter Prover Pressu	Differential	Flowing Temperature	Well Head Temperature	Wellhead I		Wellhe	ad Pressure	Duratio (Hours		Liquid Produced (Barrels)
Property	(inch	es)	psig (Pm)	re in Inches H ₂ 0	t	t	(P _w) or (P _t	psia	psig	r (P ₁) or (P _c)	(riodis	"	(Daireis)
Shut-In				-			77	pour	F-3		. •		
Flow						<u>.</u>							
						FLOW STR	EAM ATTRI	BUTES	<u>.</u>				
Plate			Circle one:	Press	Grav	rity _	Flowing	Dev	/iation	Metered Flov	,	GOR	Flowing
Coeffieci (F _b) (F		Pro	Meter or over Pressure	Extension √ P _m x h	Fac:	(GF	Temperature Factor	1	actor =	R (Mcfd)	(0	ubic Feet/ Barrel)	Fluid Gravity
Mefd			psia	V F XII	. '	1	Fit		F _{pv}	(10.0.0)		Dancij	G _m
			-		(OPEN EL	OW) (DELIV	FRARILITY)	CAL CUI	ATIONS		<u> </u>	4- 10	
(P _c) ² =			(P _w) ² =		$P_d =$	- "		· - 14.4) +				$(P_a)^2 = (P_d)^2 =$	
ره ۱۰				Choose formula 1 or 2			1	ssure Curve				\ a/	
(P _c) ² - (F)²	(F	2 _c) ² - (P _w) ²	1, P _c ² -P _a ²	LOG of formula			e = "n"	n x	LOG	Antilo		Open Flow Deliverability
(P _c) ² - (F	o _a)² │			2. P _c ² -P _d ²	1. or 2. and divide	P _e 2 - P _w 2		or signed	-		Antio	9 E	quals R x Antilog
				divided by: $P_c^2 - P_w$	2 by:	<u> </u>	Standa	ard Slope					(Mcfd)
Open Flov	W			Mcfd @ 14	.65 psia		Deliverab	ility			Mcfd @ 14	.65 psia	
The t	unders	igne	d authority, or	behalf of the	Company, s	states that h	e is duly au	thorized t	to make th				knowledge of
the facts st	tated t	herei	in, and that sa	id report is tru	e and correc	t. Executed	this the	3	day of	DEC	CEMBER		, 20
							Received						
			Witness (i	any)			RPORATION 6	OMMISSION	1	For	Сотрапу		
			F h			— n r	C 10 2	115 —		<u> </u>	skad b		
			For Comm	SSION		DL	10 2	V 10		Che	cked by		

CONSERVATION DIVISION WICHITA, KS

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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 NIPPS 13-33 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: Jath Olh

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.