KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instructi	ions on Rev	erse Side	9)				
Op	en Flo	w			T+ D-+-				4.04	N- 45			
De	liverab	ilty			Test Date	•				No. 15 023-20228-0	0-00		
Company FOUNDATION ENERGY MANAGEMENT, LI					Lease LC RAILE						1-11	Well Number 1-11	
County Location CHEYENNE SWNE				Section 11		TWP 3S		RNG (E/W) 42W		Acres Attributed			
Field CHERRY CREEK				Reservoir NIOBRA			Gas Gathering Connection KINDER MORGAN			ection	_		
Completion Date 4/26/1985				Plug Back Total Depth 1680'			n		Packer S	Set at			
Casing Size 7", 41/2"			Weight 17#, 9.5#		Internal Diameter 6.538", 4.090"		Set at 353', 1690'		Perforations 1558'		то 1580'		
Tubing Size 2-3/8"			Weigh 4.7 #	Weight 4.7#		Internal Diameter 1.995"		Set at 1520'		rations	То	То	
Type Completion (Describe) SINGLE (GAS))	Pump Unit or Traveling Plun YES, ROD PUMP				/ No			
Producing Thru (Annulus / Tubing) ANNULUS)	% Carbon Dioxide			-	% Nitrog	en .	Gas Gravity - G		
Vertical D	epth(F	l)				Press	sure Taps	···			(Meter F	Run) (Prover) Size	
Pressure	Buildu	p: ·	Shut in3/10)2	0_15 at_3	00 PM	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on L	.ine:	,	Started 3/11	<u> </u> 2	o <u>15</u> at <u>4:</u> —-	n n p M					at		
	<u> </u>		2/			OBSERVE	SURFACE		1		Duration of Shut-	in 25 Hours	
Static / Orifice Dynamic Size Property (inches)		е	Circle one: Pressure Meter Differential Prover Pressure in psig (Pm) Inches H,0		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _a)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			P=10 (1 - 1 / 1)	110.100 1 20			psig	psia 88	psig	psia			
Flow					<u></u>				<u> </u>				
						FLOW STR		BUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h			or Temperature		Deviation Metered Fig. Factor R (Mofd)		GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_m	
	ļ				,					·			
					-	OW) (DELIV					-	2 = 0.207	
$(P_c)^2 =$		_:_		Choose formula 1 or 2	P _a =	 °		' _c - 14.4) +		 :	(P _d)	'= <u></u>	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ²	1. P _e ² -P _a 2. P _e ² -P _d LOG of formula 1. or 2.		Slop Ass	ssigned		roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	_			divided by: P _c ² - P _w	by:	P ₀ ² - P _w ²	Standa	ard Slope	_			(Mola)	
	-												
Open Flo	w			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	<u>a</u>	
			•				•			=	rt and that he ha	-	
the facts s	tated t	herei	in, and that sa	id report is true	and correc			<u> </u>	day of	ECEMBER		, 20 <u>15</u>	
	 -		Witness (i	any)	KANSAS	Receive CORPORATION		1		For C	ompany	<u> </u>	
			For Comm	ission		I AN 0-4	2016 -			Chec	ked by		

CONSERVATION DIVISION WICHITA, 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 RAILE 1-11 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: 12/18/2015
Signature:

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.