KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instructions on Reverse Side)											
Open Flow Deliverabilty					Test Date	Test Date:			API No. 15 15-023-20846-00-00						
Company FOUNDATION ENERGY MANAGEMENT, LI				LLC		Lease ZIMBELN	Lease ZIMBELMAN			Well Number 31-31					
County Location CHEYENNE NW-NE				Section 31		TWP 3S		RNG (E/W) 41W		,	Acres Attributed				
				Reservoir NIOBRA			Gas Gathering C SOUTHERN S			Connection TAR/KINDER MORGAN					
Completion Date 2/4/2008				Plug Baci 1662'	k Total Dept	h		Packer S	Set at						
Casing Size 7", 41/2"			Weigh 17#, 1		Internal Diameter 6.538", 4.052"		Set at 324', 1704'		Perforations 1498'		то 1540'				
Tubing Size 2-3/8""			Weigh 4.7#	1	Internal D 1.995"	Internal Diameter 1.995"		Set at 1559'		rations	То	То			
Type Con SINGLE			escribe)			Type Fluid Production SALTWATER				nit or Traveling		ger? Yes / No			
Producing Thru (Annulus / TANNULUS			nulus / Tubing	ing)			de	% Nitrogen			Gas Gravity - G				
Vertical D	epth(H	l)				Pres	sure Taps				(Meter F	Run) (Pr	over) Size		
Pressure Buildup:			Shut in		15 at 2	15 at 2:00 PM		(AM) (PM) Taken		20		_ at(Al			
Well on Line:			Started 12/3	o <u>15</u> at <u>2</u> :	15 at 2:00 PM () (PM) Taken		20	at	(AM) (PM)			
						OBSERVE	D SURFACE	DATA		,	Duration of Shut-	_{in} _24	Hours		
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	· ·			
Shut-In							 	105		, , , , , , , , , , , , , , , , , , ,					
Flow			<u>-</u> .												
	- 1					FLOW STR	EAM ATTRIE	UTES			-				
Plate Coefficeient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Fact	Gravity Factor F		Flowing Devi Temperature Fa Factor F		Metered Flow R (Mcfd)	y GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m		
(P _c)² =		_:	(P _w) ² =	:	(OPEN FLO	• •	ERABILITY)		ATIONS 14.4 =	:	(P _a) ² (P _d) ²	e 0.20	07		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P ₀) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	1. P _c ² -P _d ² 2. P _c ² -P _d ² LOG of formula 1. or 2. and divide		Backpress Slope 	Backpressure Curve Slope = "n" or Assigned Standard Stope		LOG []	Antilog	Ope			
Open Flo	w	Mcfd @ 14.65 psia					Deliverabil	Deliverability			Mcfd @ 14.65 psia				
		•	•		• •		•			•	rt and that he ha				
the facts s	tated ti	here	in, and that sa	id report is tru	e and correc	t. Executed	this the 16	-	day of L	ECEMBER		, 2	. <u>15</u> .		
			Witness (i	fany)	KANS	Rece AS CORPORAT	ived TON COMMISSIO	 ON		For C	Сотралу				
			For Comm	ission		DEC 2	1 2015 -			Che	cked 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 ZIMBELMAN 31-31 gas well on the grounds that said well:
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: 12/16/2015
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.