KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: en Flo	w	OILE	· Onti O	ا ۱۸۵۱۲۱۲	(See Instruc	tions on Rev	erse Side	e)	INADILIT	1 1201		
Deliverabilty					Test Date:				API No. 15 15-023-20847-00-00				
Company FOUNDATION ENERGY MANAGEMENT, LLC							Lease ZIMBELI	MAN				Well Number	
County Location CHEYENNE NW-NE				Section 31		TWP 3S			RNG (E/W) 41W		Acres Attributed		
Field CHERRY CREEK				Reservoi NIOBRA					nering Conne IERN STAR	ection KINDER MOR	GAN		
Completic 2/4/2008		е			Plug Bac 1694'	k Total Dep	th		Packer S	et at			
Casing Size 7", 41/2"			Weight 17#, 1		Internal Diameter 6.538", 4.052"			Set at 311', 1737'		rations 3'	то 1544'	• •	
Tubing Size 2-3/8""			Weight 4.7#		Internal Diameter 1.995"			Set at 1571'		ations	То		
Type Completion (Describe) SINGLE (GAS)					d Productio VATER	n	Pump Unit or Travel YES, ROD PUI				/ No		
Producing Thru (Annulus / Tubing) ANNULUS				% C	arbon Diox	ide		% Nitrogen		Gas Gravity - G _g			
Vertical D		l)				Pres	sure Taps				(Meter F	Run) (Prover) Size	
Pressure	Buildu	p :	Shut in12/2	2	0_15_at_2	:30 PM	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on L	ine:		Started 12/3	20	0 <u>15</u> at <u>2</u>	·30 DM					at		
						OBSERVE	D SURFACE	DATA			Duration of Shut-i	n_24Hour	
Static / Orific Dynamic Size Property (inche		e Prover Pressure		Pressure Differential re in Inches H ₂ 0	temperature temperatur		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_l) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							1	98	poig	psia			
Flow													
			Circle one:		<u> </u>	FLOW STE	REAM ATTRI	BUTES	i			1	
Plate Coeffiecient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Gravity Factor F _g		Temperature Factor		viation Metered Flow actor R F _{pv} (Mcfd)		GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G _m	
					<u> </u>								
/D \2			(D. \2		•		/ERABILITY)					= 0.207	
$(P_c)^2 = \underline{\qquad \qquad }$ $(P_c)^2 - (P_a)^2 \text{or} \qquad $		(P _a) ² - (P _w) ²		Choose formula 1 or 2. 1. $P_c^2 - P_g^2$ 2. $P_d^2 - P_d^2$ Iivided by: $P_c^2 - P_g^2$	LOG of formula 1. or 2. and divide p 2. p				B D X LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
								· · · ·	-				
Open Flow Mcfd @ 14.65 p				_ 65 psia	psia Deliverability		Mcfd @ 14.65 psia						
The u	ındersi	igne	d authority, on	behalf of the	Company, s	states that h	ne is duly aut	horized t	o make th	e above repor	rt and that he ha	s knowledge of	
the facts s	tated th	nerei	n, and that sa	id report is true	e and correc	t. Executed	this the 16		day of D	ECEMBER		, 20 15	
			Witness (if	any)	KANS	Rece SAS CORPORA	eived — TION COMMISSI	ON		For C	отралу		
			For Commi	ssion		DEC 2				Chec	ked by		

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 32-31 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: 12/16/2015
Signature: Catalan O'lon Title: 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.