Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	: en Flo	A1	OIL.		,	See Instruct		verse Side	•					
	liverabi				Test Date	Date: 11/5/2015				API No. 15 -023-21311-00-00				
Company Foundation Energy Management, LLC						Lease R. ZWEYGARDT					\	 Well Nu 43-3		
County Location CHEYENNE SW-SW-NE-SE				Section	32	TWP			RNG (E/W) 39W		Acres A	ttributed		
Field F					Reservoir NIOBRARA				Gas Gathering Connection					
Completion Date 6/3/2011				Plug Bac 1496'	Plug Back Total Depth 1496'			Packer S	Set at					
Casing Si 7", 4½"	4½" 17#, 11.6#			[‡] , 11.6#	Internal E 6.538	Diameter 3", 4.00"	Set at 385', 1542'				то 1399'			
Tubing Si 2-3/8"	Tubing Size Weight 2-3/8" 4.7#				Internal I	Diameter .995		Set at 1394'		rations	То			
Type Completion (Describe) SINGLE (GAS)				Type Fluid Production SALTWATER			•	Pump Ur	nit or Traveling		ger? Yes / No ROD PUMP			
Producing Thru (Annulus / Tubing) ANNULUS					% C	% Carbon Dioxide			% Nitrogen		Gas Gra	Gas Gravity - G _g		
Vertical D	epth(H)				Press	sure Taps				(Meter F	Run) (P	rover) Size	
Pressure	Buildu	o;	Snut in	11/4 2	o_15_at_8	3:30 AM	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on Li	ine:		Started	11/5 2	o 15 at 9	9:30 AM 	(AM) (PM)	Taken		20	at	(AM) (PM)	
·						OBSERVE	D SURFAC	E DATA	_		Duration of Shut-i	n2	25 Hours	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressur psig (Pm)	Meter Differential Prover Pressure in		Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing ad Pressure (P _L) or (P _S) psia	· · · · · · · · · · · · · · · · · · ·		d Produced Barrels)	
Shut-In							46		psig	, , , , , , , , , , , , , , , , , , ,				
Flow						EL OUZ OTO	FAM ATTO	IDUTES:						
Plate			Circle one:	<u> </u>		FLOW STR	Flowing		ĺ				Flowing	
Coeffictient (F _b) (F _p) Mofd		<i>Meter</i> or <i>Prover Pressure</i> psia		Press Extension ✓ P _m x h	Extension Fact		Factor	Fa	iation Metered Flow ctor R (Mcfd)		GOR (Cubic Fer Barrel)	et/	Fluid Gravity G _m	
				· · · · · · · · · · · · · · · · · · ·		<u> </u>								
(P _c) ² =		:	(P) ² =	:	(OPEN FLO	OW) (DELIV) CALCUL ² a - 14.4) +		:	(P _a)² (P _d)²	e 0.2 e =	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		$(P_c)^2 - (P_w)^2$ 1. F		hoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ wided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide		Backpressure Curve Stope = "n"or Assigned Standard Stope		n x	LOG	Antitog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow Mcfd @ 14.65 psia					Deliverability			Mcfd @ 14.65 psia						
		_	d authority, on		, ,		-	_		•	rt and that he ha		ledge of 15	
						!	Received_			- · · ·				
			Witness (if				RPORATION C				company			
			For Commis	sion		DE	C 10 21	לוט		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 operatorFoundation 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 R. ZWEYGARDT 43-32B 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.
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.