KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: en Flo	w	J.,_		Test Date		tions on Re	erse Side	•	No. 15				
De	liverat	oilty			Test Date	·.				023-21084-0	00-00			
Company FOUNDATION ENERGY MANAGEMENT, L				LLC		Lease ZWEYG	Lease ZWEYGARDT				Well Number 14-33B			
County Location CHEYENNE NW-NE-SW-SW				Section 33			TWP 3S		RNG (E/W) 41W		Acres Attributed			
Field CHERR	Y CR	EEK			Reservoir NIOBRA					hering Conn	ection VKINDER MOR	GAN		
Completion 9/2/2008		te			Plug Baci 1525'	k Total Dep	th		Packer S	Set at				
Casing Size Weight 7", 4½" 17#, 10.5				Internal E 9-7/8",6		Set at 250', 1569'		Perforations 1312'		то 1390'				
Tubing Size 2-3/8""			Weight 4.7#		Internal Diameter 1.995"		Set at 1413'		Perforations		То	То		
Type Con			escribe)	· · · · · ·		d Productio	n		Pump Ui	nit or Traveling	Plunger? Yes	/ No		
Producing	-	(Anı	nulus / Tubing	g)	% C	arbon Diox	ide		% Nitrog	en	Gas Gr	avity - C		
Vertical D		⊣)				Pres	sure Taps				(Meter I	Run) (Pi	rover) Size	
Pressure	Buildu	ıp:	Shut in 1/8	2	0_14_at_9:	20 AM	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on Line:			Started 1/9	rted <u>1/9</u> 20		14 at 11:50 AM		(AM) (PM) Taken		20	at	at (AM) (P		
						OBSERVE	D SURFACI	E DATA			Duration of Shut-	n 27.	50 Hours	
Static / Orific Dynamic Size Property (inche		ze e	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well He Temperature t		Mollhood Proceits		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)	Liquid	Liquid Produced (Barrels)	
Shut-In							paig	31	paig	paia				
Flow														
						FLOW STR	REAM ATTR	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m xh	Grav Fact F _g	or	Flowing Temperature Factor F ₁₁	ture Factor		Metered Flov Ř (Mcfd)	w GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
										*				
(P _c) ² =			(P.)²=				/ERABILITY)		.ATIONS - 14.4 =		(P _a) ⁽	= 0.2	07	
			P _c) 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: $P_c^2 - P_a^2$	LOG of formula 1. or 2: and divide	P. 2 - P. 2	Backpres Slop Ass	ssure Curve be = "n" or signed ard Slope	n x	Г٦	Antilog	Op Deli Equals	en Flow verability R x Antilog Mcfd)	
			-	and by tellw	-3.	<u> </u>				_			!	
	Ì												ı	
Open Flor	N			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 psi	3		
The t	ınders	ignec	d authority, or	n behalf of the	Company, s	tates that h	ne is duly au	thorized t	o make th	ne above repo	rt and that he ha	s knowi	ledge of	
the facts st	tated t	herei	n, and that sa	aid report is true		R.	this the 11 eceived ORATION COM		day of <u>S</u>	EPTEMBER	8	,2	20 14 .	
			Witness (i	fany)		SEP	15 201			For C	Company			
			For Comm	ission		CONSERV Wid	- 'ATION DIVISI CHITA, KS	ON		Chec	cked by			

Received KANSAS CORPORATION COMMISSION SEP 15 2014	Signature: <u>Muller Mather</u> Title: OPERATIONS ASSISTANT
	to the best of my ability any and all supporting documents deemed by Commission brate this claim for exemption from testing.
is cycled is a source is on vacu √ is not cap	ed methane producer on plunger lift due to water e of natural gas for injection into an oil reservoir undergoing ER sum at the present time; KCC approval Docket No able of producing at a daily rate in excess of 250 mcf/D
gas well on the grounds that (Check one)	
and that the foregoing press correct to the best of my know of equipment installation and I hereby request a one-ye	where information and statements contained on this application form are true and whedge and belief based upon available production summaries and lease records for upon type of completion or upon use being made of the gas well herein named. Ear exemption from open flow testing for theZWEYGARDT 14-33B
	of perjury under the laws of the state of Kansas that I am authorized to request A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC

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.