KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: oen Flo	w	ONE	I OINI S		See Inst	ructi	ions on Reve		<u>=)</u>	023.	21085-00-00		
De	liverab			Test Date: 11/13/2015					API	No. 15 020	21003-00-00			
Company Foundation Energy Management, LLC					Lease ZWEYGARDT						V	Vell Nu 11-3		
County Location CHEYENNE NE-SE-NW-NW					Section	32		TWP 3S		RNG (E/W) 41W		Д	cres A	ttributed
Field CHERRY CREEK				Reservoir NIOBRARA					Gas Gathering Conne Kinder Morgan/S					
Completion Date 9/10/2008				Plug Bac 1644'	k Total D	epth	ו	Pa		Set at	·			
Casing S 7", 4 ½'			Weigh 17		Internal Diameter 6.538, 4.000			Set at 280', 1687'		rations 1440'	то 1480'			
Tubing Size Weig				t 4.7#	Internal Diameter 1.995			Set at 1502'		Perforations		То		
Type Completion (Describe) SINGLE				Type Fluid Production SALTWATER					Pump Unit or Traveling Plunger?			Yes / No ROD PUMP		
Producing Thru (Annulus / Tubing) ANNULUS					% C	% Carbon Dioxide				% Nitrog	en	Gas Gravity - G _g		
Vertical D		H)				Р	ress	ure Taps				(Meter R	lun) (Pi	rover) Size
Pressure	Buildu	p:	Shut in	11/12 2	0 15 at 1	1:45 A	<u>M</u>	(AM) (PM) 1	 Гакеп		20	at	(AM) (PM)
Pressure Buildup: Shut in 11/12 20 15 at 11:45 AM (AM) (PM) Taken 20 at										(AM) (PM)			
			<u></u>			OBSER	RVE	SURFACE	DATA			Duration of Shut-i	n2	4 Hours
Static / Dynamic Property	Dynamic Size		Circle ane: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H _s 0	lemperature lempera			I Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		l v		i Produced Barrels)
Shut-In	Shut-In							72	haia	poig	μοια			
Flow														
	1		Circle and			FLOW S	STRI	EAM ATTRIE	UTES					· ·
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Fac	Gravity Factor , F _g		Flowing emperature Factor F _{it}	Deviation Factor F _{pv}		Metered Flov R (Mcfd)	(Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
			4- 10		•			RABILITY)					= 0.2	07
(P _c) ² =		 :	(P _w) ² =	Choose formula 1 or 2.	P _d =		<u></u> %	ľ		14.4 =	 ;	(P _d) ²	=	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² - P _s ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide	formula 1. or 2. and divide p 2 p 2		Backpressure C Slope = "n"		лх	LOG	Antilog Del		en Flow iverability R x Antilog (Mcfd)
			05!-	D. F				Motel @ 14 GE nois						
Open Flo		lana	al authority an	Mcfd @ 14.		totoo the		Deliverabil	-	n maka ti		Mcfd @ 14.65 psia		ladge of
		_	-	i benair of the				-				rt and that he has CEMBER		15 20
			Witness (i	any)	K	ANSAS CO	-Rec	ceived — RATION COMMI	SSION		For	Company		
For Commission DFC 1 0 2015								Checked 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 ZWEYGARDT 11-32B 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. Date: 12/7/2005
Signature: Lawto Olfon- Title: #SE/Baydatecy Tach

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.