KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Rev	erse Side	;)					
Open Flow					Took Date			API No. 15						
De	liverat	oilty			Test Date	∌:				NO. 15 023-20801-(00-00			
Company FOUNDATION ENERGY MANAGEMENT, L					LLC	 -	Lease ZWEYG	Lease ZWEYGARDT			Well Number 41-05			
County CHEYEN	NNE		Locat NENE	ion	Section 5		TWP 4S		RNG (E/W) 41W		Acres Attributed			
Field CHERRY CREEK				Reservoi NIOBRA				Gas Gathering Co SOUTHERN STA		nection R/KINDER MORGAN				
Completion Date 10/10/2007					Total Depth			Packer S	Set at					
Casing Size 7", 41/2"			Weigi 17#,		Internal Diameter 9-7/8",6½"		Set at 302', 1594'		Perforations 1362'		то 1402'			
Tubing Size 2-3/8""			Weigl 4.7#	nt	Internal Diameter 1.995"		Set at 1438'		Perforations		То			
Type Completion (Describe) SINGLE (GAS)				Type Fluid Production SALTWATER			n	YES			g Plunger? Yes / No			
Producing Thru (Annulus / Tubing) TUBING				g)	% C	ide	e		en	Gas Gravity - G _g				
Vertical D	epth(F	1)				Pres	sure Taps			·	(Meter F	Run) (F	rover) Size	
Pressure	Buildu										at			
Well on L	ine:		Started 2/1	92	0 <u>14</u> at <u>1</u>	2:51 PM	(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	_n _26	.75 Hours	
Static / Dynamic Property	Dynamic Size			Meter Differential over Pressure in		Flowing Well Head Temperature t temperature		Casing Wellhead Pressure (P_w) or (P_1) or (P_0)		fubing ad Pressure ·(P ₁) or (P ₀)			id Produced Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0		<u> </u>	psig	psia 59	psig	psia				
Flow														
	- 1			1	1	FLOW STF	REAM ATTRI	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension	Extension Factor		Flowing Temperature Factor F _{rt}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
i														
					(OPEN FL	OW) (DELIV	'ERABILITY)	CALCUL	ATIONS		(D. \2	= 0.2	207	
(P _c) ² =		_:	(P _w) ² =	::	P _d =		% (P,	- 1 4.4) +	14.4 =	:	(P _d) ²			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_g)^2$		(P _e) 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	P _c ² + P _w ²	Backpressure Curve Slope = "n" Assigned Standard Slope		e n x LOG		Antiloti		Open Flow Deliverability quals R x Antilog (Mcfd)	
				divided by: $P_c^2 - P_w^2$	by:	<u> </u>	Jigilla	id globe					,	
Open Flow Mcfd @ 14.6			65 psia		Deliverabi	Deliverability		Mcfd @ 14.65 psia						
		•	•							•	rt and that he ha		•	
the facts st	tated t	herei	n, and that s	aid report is true	and correc		Receiv	I		EPTEMBER	•	1	₂₀ <u>14</u> .	
			Witness (if any)		NANSA	S CORPORATIO	N COMMIS	SION	For C	отралу			
			For Comm	nission		·····	SEP 15.	2014		Chec	ked by			
											-			

I declare under panelty of position	under the laws of the state of Vancos that Law sutherized to require
	y under the laws of the state of Kansas that I am authorized to request -304 on behalf of the operator Foundation Energy Management, LLC
and that the foregoing pressure infor- correct to the best of my knowledge at of equipment installation and/or upon to	mation and statements contained on this application form are true and and belief based upon available production summaries and lease records type of completion or upon use being made of the gas well herein named. In position from open flow testing for theZWEYGARDT 41-05
is on vacuum at the	er lift due to water ral gas for injection into an oil reservoir undergoing ER e present time; KCC approval Docket No roducing at a daily rate in excess of 250 mcf/D est of my ability any and all supporting documents deemed by Commission
Date: 9/11/2014	
KANSAS CORPORATION CONSISSION SEP 1 5 2014 CONSERVATION SILVERINGION CONSERVATION SILVERINGION	Signature: MCRUN MATHUR Title: OPERATIONS ASSISTANT

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.