KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Reve	erse Side	9)					
Open Flow Deliverabilty				Test Date	9 :		API No. 15 15-023-20786-00-00							
Company FOUNDATION ENERGY MANAGEMENT, LI				LLC		Lease ZWEYG/	Lease ZWEYGARDT			Well Number 43-32				
			Location NE-SE	on	Section 32			TWP 3S		RNG (E/W) 41W		Acres Attributed		
Field CHERRY CREEK				Reservoir NIOBR/					hering Conne		DER MORGAN			
Completion Date 9/20/2007				Plug Bac 1511'	k Total Dept	th		Packer Set at						
Casing Size 7", 41/2"			Weigh 17#, 1			Internal Diameter 9-7/8",61⁄4"		Set at 291', 1553'		Perforations 1348'		то 1390'		
Tubing Size 2-3/8""			Weigh 4.7 #	;	Internal [1.995"	Internal Diameter 1.995"		Set at 1424'		Perforations		То		
Type Completion (Describe) SINGLE (GAS)					d Production	n	Pump Unit or Trav YES		nit or Traveling	ng Plunger? Yes / No				
Producing	-	(Ап	nulus / Tubing)	% Carbon Dioxide				% Nitrogen Gas Gravity - G _q					
Vertical E		H)				Pres	sure Taps				(Meter F	Run) (Pr	over) Size	
Pressure	Buildu	ıp:	3/10) 2	14 at 1	:30 PM	(AM) (PM)	Faken		20	at	(AM) (PM)	
Well on Line:		Started 3/11	2	0 <u>14</u> at <u>1</u>	:30 PM	(AM) (PM)	Taken		20	at	(AM) (PM)		
							D SURFACE				Duration of Shut-i	24	Hours	
Static / Orifice Dynamic Size Property (inches)		:0	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Hea Temperature t		Wallbaari Pressure		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia				l Produced Barrels)	
Shut-In				2				70	paig	рана				
Flow														
						FLOW STR	EAM ATTRI	BUTES					 -1	
Plate Coeffiecient (F _p) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension Pmxh	Extension Factor		Flowing Femperature Factor F _{ft}	Deviation Factor F _{pv}		Metered Flow Fl (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
														
(P _c) ² =		:	(P _w)² =	:	(OPEN FL		ERABILITY) % (P	- 14.4) +		:	(P _a) ² (P _d) ²	e 0.20)7	
$(P_c)^2 - (P_a)^2$ or $(P_0)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	Thoose formula 1 or 2 1. $P_c^2 - P_d^2$ 2. $P_c^2 - P_d^2$ iivided by: $P_c^2 - P_d^2$	2: LOG of formula 1. or 2. and divide P 2. p		Backpressure Curve Slope = "n" Assigned Standard Slope		, nxlog		Antilog De		en Flow verability R x Antilog Mcfd)	
					-								-	
Open Flow Mcfd @ 14.6			65 psia	l Deliverat			Mcfd @ 14.65 psia							
The (unders	igned	d authority, or	behalf of the	Company, s	states that h	e is duly aut	horized t	o make th	e above repor	t and that he ha	s knowl	edge of	
the facts s	tated t	herei	in, and that sa	id report is true	e and correc	t. Executed	this the 11		day of _S	EPTEMBER		, 2	20 14 .	
			Witness (if	any)			ORPORATION CO	_	N	, For O	ompany			
			For Commi	ssion	· · · · · ·	SE	P 15 2	V14		Chec	ked by			

exempt status under Rule K.A.R. 82-3 and that the foregoing pressure info correct to the best of my knowledge a of equipment installation and/or upor	ry under the laws of the state of Kansas that I am authorized to request 3-304 on behalf of the operator Foundation Energy Management, LLC ormation and statements contained on this application form are true and and belief based upon available production summaries and lease records a type of completion or upon use being made of the gas well herein named.
	mption from open flow testing for the ZWEYGARDT 43-32
gas well on the grounds that said we	ell:
is a source of nat is on vacuum at the state of is not capable of	ger lift due to water ural gas for injection into an oil reservoir undergoing ER ne present time; KCC approval Docket No producing at a daily rate in excess of 250 mcf/D nest of my ability any and all supporting documents deemed by Commission
Date: 9/11/2014	
Received KANSAS CORPORATION COMMISSION SEP 15 2014 CONSERVATION DIVISION WICHITA, KS	Signature: Mokel Mathan 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.