KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			(See Instructions on Reverse Side)										
Open Flow Deliverabilty				Test Date	: :	AP! No. 15 15-023-20786-00-00							
Company		ENERGY	MANA	GEMENT,	LLC		Lease ZWEYO	SARDT			43-32	Well Number	
County CHEYEN	NNE		ocation	<u> </u>	Section 32		TWP 3S		RNG (E/W)		Acres Attributed		
Field CHERR	Y CRE	EK			Reservoir NIOBRA					thering Conn	ection KINDER MOR	GAN	
Completic 9/20/200					Plug Bac 1511'	k Total Depti	 ו		Packer \$	Set at			
Casing S 7", 4½"	ize		Veight 7#, 11	.6#	Internal I 6.538",		Set a	at ', 1553'	Perfo	rations 8'	то 1 390'		
Tubing Si 2-3/8""	ize		Veight .7#	··- <u>-</u>	Internal [1.995"		Set a	at	Perfo	rations	То		
Type Con		(Describe) 3)				d Production		Pump Unit or Traveli YES, ROD PUN					
Producing		Annulus / 1	Tubing)		% C	arbon Dioxid	de	% Nitrogen		· · · · · · · · · · · · · · · · · · ·	Gas Gravity - G _s		
Vertical D	epth(H)	···· <u>=</u>			-	Press	ure Taps				(Meter	Run) (Prover) Size	
Pressure	Buildup	: Shut in	3/10	2	0_15_at_1	2:30 PM	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on L	ine:	Started	3/11	2	0 <u>15</u> at 2	:00 PM	(AM) (PM)	Taken		20	at	(AM) (PM)	
,						OBSERVE					Duration of Shut-	25.5 Hou	
Static / Dynamic Property	Orific Size (inche	Me Prover I	one: ler Pressure (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P _w) or (P	Pressure	Wellhe	Tubing ead Pressure r (P _t) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In					-		porg	54	paig	pola			
Flow													
	1	- Circle		 -		FLOW STR		IBUTES					
Plate Coeffictient (F _b) (F _p) Mcfd		Gircie one: Meter or Prover Pressure psia		Press Extension P _m x h	nsion Factor		Flowing Temperature Factor F _{rt}		eviation Metered Flo Factor R F _{pv} (Mcfd)		v GOR (Cubic Fe Barrel)	- Crowitu	
(P _c) ² =		· (F	1 12 =	:	(OPEN FLO	OW) (DELIVE) CALCUL ² _c - 14.4) +			(P _a)	² = 0.207	
			Che	ose formula 1 or 2		 `	T	ssure Curve			(1 a/	1	
(P _c) ² - (F or (P _c) ² - (F	구 _a) ² 구 _a) ²	(P _a) ² - (P _w)		 P_c² - P_s² P_c² - P_d² ded by: P_c² - P_w² 	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slop As	ssure Curve	, ,	LOG	Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)	
				_									
		_ .											
Open Flo	w			Mcfd @ 14.	65 psia		Deliverability		Mcfd @ 14.65 psia				
				ehalf of the report is true						ne above repo DECEMBER	ort and that he ha	is knowledge of	
iauto S	acou iii	orom, and t	المد عطال	τορυπ ις παθ	zana comec	. LAGUUIEG	ans the <u></u>		uay Ui	<u></u>		, zu <u></u>	
		Wi	tness (if an	y)	<u>. </u>	KANSAS C	Receive ORPORATION	d COMMISSIO	ON .	For C	Company		
		For	Commissi	on		J,	AN 04	2013	- , , 	Che	cked 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 43-32	
gas well on the grounds that said well:	
(Check one) 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 Commissi	O.D.
staff as necessary to corroborate this claim for exemption from testing.	511
Date: 12/28/2015	
Signature: Cauth O'the	
Title: HSE/Regulatory Tech	

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.