KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Re	verse Side)					
Open Flow						est Date: API No. 15 023-20785-00-00								
Deliverability Test Da						∌ :			API	No. 15 023-	20705-00-00			
Company	,				-		Lease				V	Vell Number		
Foundation Energy Management, LLC							ZWEYGARDT					42-32		
				Section	=			RNG (E		A	Acres Attributed			
CHEYENNE SENE						32 3S				1W				
					Reservoir NIOBRARA			Gas Gathering Connection Kinder Morgan/Southern Star						
					Plug Back Total Depth				Set at	odinom otal				
7/10/20	80				1596'									
Casing Size			Weight		Internal Diameter		Set at		Perforations		Ťo 4.42.41			
7", 4 ½"			17 Weight	' # 9.5#	6.538, 4.090 Internal Diameter		305', 1639' Set at		1396' Perforations		1434' To			
Tubing Si 2 3/8"	128			4.7#	1.995		1467'		renorations		10			
					Type Fluid Production				nit or Traveling	Plunger? Yes	/ No			
SINGLE					SALTWATER						PUMP			
					% (% Carbon Dioxide				jen	Gas Gra	Gas Gravity - G		
ANNULUS														
Vertical D	epth(F	i)				Pres	sure Taps				(Meter F	lun) (Prover) Size		
				8/12	15 1	1.00 AM								
Pressure	Buildu	p: :	Snut in	0/12 2	0 <u>15</u> at 1	1.00 AIVI	(AM) (PM)	Taken		20	at	(AM) (PM)		
Well on L	ine:	:	Started	8/13 ₂₁	0 <u>15</u> at_	1:30 PM	(AM) (PM)	Taken		20	at	(AM) (PM)		
					r 	OBSERVE	D SURFAC				Duration of Shut-i	n 26.5 Hours		
Static /	Orifi		Circle one: Meter	Pressure Differential	Flowing	Well Head	Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration	Liquid Produced		
Dynamic Si Property (inc		nes) Prover Pressure			Temperature t	Temperature t	(P _w) or (P _t) or (P _c)		(P _w) or (P _t) or (P _c)		(Hours)	(Barrels)		
			psig (Pm)	Inches H ₂ 0	<u>.</u>		psig	psia	psig	psia				
Shut-In							102							
Flow														
						FLOW STR	EAM ATTR	IBUTES						
Plate		Circle one: Pre		Press	Gravity		Flowing Day		viation Metered Flow		GOR	Flowing		
Coefficient		Meter ot Prover Pressure		Extension	Fac	tor 1	Temperature		actor R		(Cubic Fee	Fluid Gravity		
(F _b) (F _p) Mofd		psia		√ P _m xh	, F,	•	Fil		F _{pv} (Mcfd)		Barrel)	G _m		
-		-	Į.		/ODEN 51				4710110		1			
(D.12			(D. \2		•	OW) (DELIV		•				= 0.207		
(P _c) ² =		- -	(P _w) ² =_	hoose formula 1 or 2:	P₀≖	 `		² , - 14.4) +	1		(P _d) ²			
(P _c) ² - (F	2 ₄)2	(P	(P _w) ² - (P _w) ²	1. P _c ² -P _a ²	LOG of formula			ssure Curve pe = "n"	пх	106		Open Flow Deliverability		
or (P _a) ² - (P _d) ²				2. P _c ² -P _d ²	1. or 2.	D 2 D 2	Assigned		· " ^		Antilog	Equals R x Antilog		
	•		٥	ivided by: $P_c^2 - P_w^2$		P _c ² - P _w ²	Stand	lard Slope				(Mcfd)		
_												•		
Open Flow Mcfd @ 14.65 psla				Deliverability			Mcfd @ 14.65 psia							
Open Floy	<u>w</u>			MCTO @ 14.	65 psia		Deliverat	oliity			victo @ 14.65 psia	1		
The u	undersi	gnec	l authority, on	behalf of the	Company, s	states that h	e is duly a		o make th		t and that he has	s knowledge of		
the facts st	tated th	nerei	n, and that sai	d report is true	and correc	t. Executed	this the		day of	SEP	TEMBER	, 20		
	-		Witness (if	any)		- K eC		HITA.		For C	ompany			
						cr) ഉദ പ	R4E						
			For Commis	ssion		JEI	² 8 2	บเว	_	Chec	ked 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 42-32 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 Commission
staff as necessary to corroborate this claim for exemption from testing.
Date:
KCC WICHITA Signature: SEP 28 2015 RECEIVED KCC WICHITA Signature: OPERATIONS ASSISTANT 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.