KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Reve	erse Side	?)					
Op	en Flo	w			Test Date				40	.No. 45 =023	-21001-00-00)		
☐ De	liveral	oilty			iesi Dale) :			AP	1 100, 15 020	21001 00 00			
Company	,						Lease					Well Nu	mber	
Founda	ation	Ene	ergy Mana	gement, LLO		Z	WEYGARI	DT				42-	<u>·1</u>	
County			Locat		Section		TWP		RNG (E		•	Acres A	ttributed	
Cheyen	ne		E2-N	N-SE-NE	D	1	48			2W				
Field CHERF	RY C	REE	ĸ		Reservoir NIOBR					thering Conne nern Star/Kii	nder Morgan			
Completic			<u> </u>			k Total Dep	th		Packer		naor morgan			
7/10/20	08				1595'									
Casing Size			Weigh			Internal Diameter		Set at		orations	То	· •		
			7# 11.6#		9 7/8, 61/4"		211', 1616'		1394'	1432'	1432° To			
2 3/8"		Weight 4.7#			Internal Diameter 1.995		Set at 1470'		orations	10				
Type Con	npletic	n (De	escribe)	7.11		d Production		770	Pump U	nit or Traveling	Plunger? Yes	/ No	<u></u>	
SINGL	-	•	,			VATER					_	YES		
Producing	j Thru	(Anı	nulus / Tubin	g)	% C	arbon Dioxi	ide		% Nitro	jen	Gas Gr	avity - C		
TUBIN						<u>.</u>								
Vertical D	epth(i	- I)				Pres	sure Taps				(Meter I	Run) (Pr	over) Size	
Pressure	Builde	ıp:	Shut in	6/17 2	o <u>14</u> at	1:00 PM	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on L	ine:		Started	6/18			AM) (PM)							
							· · · · · · · · · · · · · · · · · · ·							
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in2	4. Hours	
Static /	Orif	ice	Circle one: Meter	Pressure	Flowing	" I Wellhaad Praccure I Wellhaad Praccure I Littration		D	Hould Deadus ad					
Dynamic	Siz		Prover Pressi	Differential in				I	'					
Property	(inch	103)	psig (Pm)	Inches H ₂ 0		τ	psig	psia	psig	psia				
Shut-In							140							
Flow														
L					L	EL OIM DEE						<u> </u>		
			Círcia ona:	1	1	FLOW STR	REAM ATTRIE	01E9					1	
Plate Coeffiect			Meter or	Press Extension	Grav Fact		Flowing Temperature		iation ctor	Metered Flow R		GOR Flowing ubic Feet Fluid		
(F _b) (F Mcfd		Pro	<i>ver Pressure</i> psia	✓ P _m xh	F		Factor F _{it}	1	- DA	(Mcfd)	Barrel)	ev	Fluid Gravity G	
Micio							'11						G _a	
										<u> </u>				
					(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P.)	e = 0.20	07	
(P _c) ² =		_:	(P _w)² =	:	$P_d =$		% (P _c	- 14.4) +	14.4 = _	:	(P _a)			
(P _c) ² - (F	2 \2	(6	(P _y) ² • (P _y) ²	Choose formula 1 or 2.	LOG of	$\overline{}$	Backpress			Г٦		Ор	en Flow	
or	_	- (1	د). و (۲۰۰۱).	2. P ₂ - P _d ²	formula 1. or 2.		Slope) = "N")('	. n x	rog	Antilog		verability	
(P _c)2- (F	2 ₀)2			divided by: P2-P2	and divide	P _c ² -P _w ²		gned d Slope					R x Antilog Mcfd)	
			"		+		+							
			1				<u> </u>		_			 -		
Open Flov	N			Mcfd @ 14.	65 psia		Deliverabili	ity		I	Mcfd @ 14.65 psi	a		
The	ındare	ianec	Lauthority o	n hehalf of the	Company e	tates that h	o ie dulu auti	notized to	n maka ti	no above ropo	rt and that he ha	e knowl	lodge of	
								10112ea 11 11	o make u		rt and that he ha TEMBER		14	
the facts st	ated t	herei	n, and that sa	aid report is true	and correct	Executed	this the		day of	<u> </u>		, 2	20	
						INNIOAS C(DRPORATION CO	MMISSION	ľ					
			Witness (i	f any)		SE	P 15 20	14		Fer C	отралу			
			For Comm	ircion		CONsc				- Ch	kad hu			
			FOLCOUR	HDIGEN		ا	RVATION DIVIS	SION		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 42-1 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:9/11/2014
Received KANSAS CORPORATION COMMISSION SEP 15 2014 CONSERVATION DIVISION WICHITA, KS Signature:

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.