KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instru	ctions on Rev	erse Side)				
= :	en Flo liverat				Test Date):			API	No. 15 -023	3 -21053 -00-00)	
Company		End	oray Mana	goment II (`		Lease ZWEYGAR	DT			·	Well Nu	
County	alion	EIR	Locat	gement, LLC	Section		TWP	<u> </u>	RNG (E	/W)			Attributed
Cheyen	ne		E2-S\	V-SW-SW		6	48			<u>1Ŵ</u>			
Field CHERF	RY C	REE	K		Reservoir NIOBR					thering Conn i ern Star/Ki	ection inder Morgan		
Completion		te			-	k Total Dep	oth	•	Packer \$	Set at			
7/30/20			Weigh		1614' Internal D	Vierneter	Set a		Dode	rations	To		
Casing Size V 7", 4 ½"		•	" 7# 10 <i>.</i> 5#		8, 61/4"	230', 1657'		Perforations 1442'			1460'		
Tubing Size		Weight		Internal [Diameter	Set at		Perforations		То			
2 3/8"		- /D		4.7#		995		1413	Duma II	ait an Travallas	- Diversed - Ves	/ No	
Type Con SINGL	-	יט (טי	escribej			d Production NATER	on .		Pump U	nit or Traveling		YES	
Producing	-	(Anı	nulus / Tubin	g)	% C	arbon Diox	kide		% Nitrog	jen	Gas Gr	avity - (G ₉
Vertical D		1)				Pre	ssure Taps	 	<u> </u>		(Meter	Run) (P	rover) Size
				6/3	14 1	O-00 AM							
Pressure	Buildu	ıp:	Shut in		0 14 at 1	0.00 AIV	_ (AM) (PM)	Taken		20	at	((AM) (PM)
Well on L	ine:		Started	6/4 2	0 14 at 1	U:00 AM	_ (AM) (PM)	Taken		20	at	((AM) (PM)
						OBSERV	ED SURFACE	DATA			Duration of Shut-	_{in 2}	4. Hours
Static /	Orif		Circle ona: Meter	Pressure Differential	Flowing	Well Head		•	1	Tubing ead Pressure) (Hours) (Barrels)		
Dynamic Property	Siz (inch		Prover Pressi psig (Pm)		Temperature t	Temperature t	(P _w) or (P _t		1	r (P ₁) or (P _c)			
Shut-In						-	54	para	parg	psia			
Flow													
						FLOW ST	REAM ATTRI	BUTES	•				•
Plate			Circle one: Meter or	Press Extension	Grav	· 1	Flowing Temperature	Dev	iation	Metered Flor	w GOR		Flowing Fluid
Coeffied (F _b) (F	,)	Pro	ver Pressure	✓ P _m xh	Faci F _s		Factor		ctor PY	R (Mcfd)	(Cubic Fe Barrel)		Gravity
Mcfd			psia		<u> </u>		F _{it}		γ,				G _m
					/ODEN EL)W0 (DEL II	VERABILITY)	CALCUL	ATIONS				
(P _c) ² =		_:	(P _w) ² =	<u> </u>	P _d =		•	- 14.4) +		:	(P _a) (P _d)	² == 0.2 ² ==	
(P _c) ² - (F	P \2	/F	2 _c) ² - (P _w) ²	Choose formula 1 or 2:	LOG of	$ \overline{\Gamma} $		sure Curve		Γ¬			en Flow
or (P _c) ² - (F	-	٧.	c/ (' w/	2. P _e ² -P _e ²	formula 1. or 2.			e = "n" or igned	. nx	rog	Antilog		iverability R x Antilog
(F _e) (r	٠,١٠			divided by: Pc2-P2	and divide by:	P _c ² -P ₂ ²		rd Slope		L J			(Mcfd)
Open Flor	w			Mcfd @ 14.	65 psia		Deliverabi	lity			Mcfd @ 14.65 ps	ia	
The u	unders	igne	d authority, o	n behalf of the	Company, s	tates that	he is duly au	horized to	o make ti		ort and that he ha	s know	ledge of
the facts st	tated t	herei	n, and that s	aid report is true	and correc		d this the Received RPORATION COI		day of	SEP	TEMBER		20
 -			Witness ((any)			_			Far	Company		
		_	For Comm	ission		SE				Che	cked by		
						CONSE!	RVATION DIVIS VICHITA, KS	ION		Olle			

t de deservados e contro								
	of perjury under the laws of the state of Kansas that I am authorized to request A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC							
	ure information and statements contained on this application form are true and							
	wledge and belief based upon available production summaries and lease records							
-	or upon type of completion or upon use being made of the gas well herein named.							
• •	ear exemption from open flow testing for theZWEYGARDT 14-6							
gas well on the grounds that s	•							
(Check one)								
is a coalbed methane producer								
is cycled on plunger lift due to water								
\vdash	e of natural gas for injection into an oil reservoir undergoing ER							
is on vacuum at the present time; KCC approval Docket No.								
✓ Is not capa	able of producing at a daily rate in excess of 250 mcf/D							
I further agree to supply t	to the best of my ability any and all supporting documents deemed by Commission							
	prate this claim for exemption from testing.							
,	•							
Date: 9/11/2014	<u>—</u>							
	[] . [] . Af							
Received KANSAS CORPORATION COMMISSION	Signature: Mall Mall							
SEP 15 2014	Title: OPERATIONS ASSISTANT							
	nue							
CONSERVATION DIVISION								

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.