KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(-	See Instruc	tions on Rev	erse Side	;)		,		
= :	en Flo liverab				Test Date	:				No. 15 023-20949-0	0-00		
Company FOUND		l EN	IERGY MAI	NAGEMENT,	LLC		Lease ZWEYG	ARDT		\	21-6	Vell Nu	mber
County CHEYEN	NNE		Locati NE-NW		Section 6		TWP 4S	-	RNG (E/	W)		Acres A	ttributed
Field CHERR	Y CRE	EEK			Reservoir NIOBRA					hering Conne	ection KINDER MOR	GAN	
Completic 2/27/200		e		_	Plug Back 1651'	k Total Dep	th		Packer S	Set at	•		
Casing Si 7", 4½"	ize		Weigh 17#, 1		Internal D 6.538",		Set at 293',	1693'	Perfo 149:	rations 2'	т _о 1531'		
Tubing Si 2-3/8""	ze		Weigh 4.7#	it	Internal D		Set at 1542		Perfo	rations	То		
Type Con			escribe)		Type Fluid SALTV	d Productio	π			nit or Traveling		/ No	
Producing	•	(An	nulus / Tubing	g)	% C	arbon Dioxi	ide		% Nitrog	en	Gas Gra	avity - G	à,
Vertical D		I)			-	Pres	sure Taps				(Meter F	Run) (Pi	rover) Size
Pressure	Buildu	p: ·	Shut in3/1.	22	0_15_at_1	2:30 PM	(AM) (PM)	Taken		20	at	(AM) (PM)
Well on L	ine:		Started 3/13	3 20	0 <u>15</u> at 12	2:30 PM	(AM) (PM)	Taken	····	20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	n_24	Hours
Static / Dynamic Property	Orifi Siz (inch	8	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	(P _w) or (P _t	ressure or (P _c)	Wellhe (P _w) o	rubing ad Pressure r (P ₁) or (P _c)	Duration (Hours)		d Produced Barrels)
Shut-In			pag (,,	1130 1120			psig	psia 78	psig	psia	·	<u> </u>	
Flow													
	1			ı		FLOW ST	REAM ATTRI	BUTES					
Plate Coeffice (F _b) (F Mcfd	ient	Pro	Circle one: Meter or over Pressure psia	Press Extension	Grav Fact	or	Flowing Temperature Factor	Fa	iation Metered Flow ctor R (F _{pv} (Mcfd)		(Cubic Fe Barrel)	e V	Flowing Fluid Gravity G _m
			-								<u> </u>		
(P _c) ² =		_;		::	P _d =	• •	/ERABILITY) % (P		-ATIONS - 14.4 ≔	:	(P _a)' (P _d)'	= 0.2 =	07
$(P_o)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P _o) ² - (P _w) ²		Choose formula 1 or 2. 1. $P_a^2 - P_a^2$ 2. $P_a^2 - P_d^2$ divided by: $P_a^2 - P_a^2$	1. P ₀ ² -P _a ² LOG of formula 2. P ₀ ² -P _d ² 1. or 2. and divide		Stop Ass	Backpressure Curve Stope = "n" or Assigned Standard Stope		roe	Antilog	Open Fit Deliverab Equals R x (Mcfd)	
				-				-					
Open Flow				Mcfd @ 14.65 psia			Deliverability		Mcfd @ 14.65 psia				
The (unders	igne	d authority, o		•	states that h	ne is duly au	horized t	o make ti		rt and that he ha		ledge of
the facts s	tated t	herei	in, and that sa	aid report is true		Dec	I this the 18 eived ATION COMMIS		day of _	ECEMBER		,;	<u>15</u> .
Witness (if any)				,,,,,,	JAN 0 4 2016			For Company					
			For Comm	nission		CONSERVA	TION DIVISION HITA, KS	1		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 21-6
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: 12/18/2015
Cotton 04 -1
Signature: Lawthin O'lhour
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.