Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:				(See Instruc	tions on Revo	erse Side))					
Open Flow					Test Date: API No. 15 -023-2									
De	liverab	ilty			Test Date):			API	No. 15 -023	-2 1000-00-00			
Company	,		•		•		Lease	•			<u> </u>	Nell Num	her	
		Ene	rgy Manag	jement, LLC		Z	WEYGARI	TC			•	43-3		
County			Location		Section		TWP		RNG (E/	W)		Acres At	tributed	
CHEYE	NNE		<u>NW-N</u>	N-NE-SE		33	38		4	IŴ				
Field					Reservoir					hering Conn				
CHERRY CREEK				NIOBRARA				Southern Star/Kinder Morgan						
Completic		е			-	k Total Dep	oth		Packer S	iet at				
7/30/20			181-1-6		1563'	M	0-1-1		D		-			
Casing Size 7", 4½"			Weigh 17	#, 11.6#	Internal Diameter 6.538, 4.000		Set at 255', 1605'		Perforations 1371'		то 1408'			
			Weigh		Internal Diameter		Set at		Perforations		To			
-			4.7#	1.	1425'		,		10					
Type Con	pletion	n (De	escribe)	ļ	Type Flui	d Productio	n	_	Pump Ur	it or Traveling	Plunger? Yes	/ No		
SINGLE (GAS)					SALTWATER				Yes			-Rod Pump		
Producing	Thru	(Anr	nulus / Tubing)	% C	% Carbon Dioxide				en	Gas Gra	Gas Gravity - G		
ANNUL														
Vertical D	epth(H	1)				Pres	ssure Taps				(Meter F	lun) (Pro	ver) Size	
									<u>.</u>					
Pressure	Buildu	p: 8	Shut in	12/21 2	o_15_at_9	9:40 PM	(AM) (PM)	Taken		20	at	(A	M) (PM)	
				12/22	. 15 9	:40 PM	(414) 4514	-						
Well on Li	ine:		Started	2	0 <u></u> at		. (AM) (PM)	laken		20	at	(A	M) (PM)	
						OBCEDU	TO CHIDEACE	DATA	-			_ 24	ļ	
			Circle one:	Pressure		OBSERVI	ED SURFACE		1	ūbing	Duration of Shut-i	n I	Hours	
Static / Orif		fice Meter		Differential	ifferential Flowing		Wellhead P	Casing Wellhead Pressure		ad Pressure	Duration	Liquid	Liquid Produced	
Property	(inch		Prover Pressu		t temberature	Temperature t	(P _w) or (P _t) or (P _c)		(P _w) or (P ₁) or (P _c)		(Hours)	(Barrels)		
			psig (Pm)	Inches H ₂ 0			psig	psia	psig	psia				
Shut-In							40		<u> </u>					
Flow														
						FLOW STI	REAM ATTRIE	RUTES	1			<u> </u>		
Dinks	İ		Circle one:			T		T	- 1				T1 (
Plate Coefficcient (F _b) (F _p) Motd		Meter or Prover Pressure psia		Press Extension	Grav Fact	· .	emperature		viation Metered Flow actor R		GOR (Cubic Fee	.,	Flowing Fluid	
				✓ P _m x h			Factor		- pv	R (Mcfd)	Barrel)	Gravity		
				• •	ļ., ,		F _{tt}	ļ	_				G _m	
					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS		(D.)2		,	
(P _c)² =		:	(P) ² =	:	•		•	- 14.4) +		:	(P _a) ²	e 0.20	′	
			ı	Choose formula 1 or 2				sure Curve	T T					
(P _c) ² - (F		(P	c)2- (P _w)2	1. P _c ² -P _a ²	LOG of formula		Stope	า = "ก"	l n x i	.og	a		n Flow erability	
$(P_a)^2 - (P_d)^2$				2. P _c ² -P _d ²	P2 P2 1, or 2.		P 2 P 2 Assigned		· · ·· · · - · · ·		Antilog	Equals i	Equals R x Antilog	
			•	livided by: $P_c^2 - P_w^2$	by:	<u> </u>	Standa	rd Slope	_			(N	(cfd)	
									ļ					
											_			
]	-	<u> </u>									
Open Flor	N			Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 psi	а		
The i	ındersi	ianec	l authority, or	behalf of the	Company, s	tates that I	he is dulv aut	horized t	o make th	e above repo	rt and that he ha	s knowle	dae of	
								28			EMBER		15	
me racis si	iaieū (l	iereli	n, and that sa	id report is true	and correc	ı. ⊏xecutê			day of		· <u></u>	, 20	·	
							Received —							
	_	-	Witness (if	any) .	,	KANSAS COR	PORATION COM	MISSION	_	For	Company			
			For Comm	gelon		1A)	പ്രക	29		CL-	alcad hu			
			r-or Comm	DOLUTI		JAľ	V 0 4 2018	3		Che	cked by			

CONSERVATION DIVISION WICHITA, KS

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 43-33 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:12/28/2015
Signature: <u>Lauto Olbo</u> 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.