## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

**RECEIVED** 

Type Test		<b>5</b> 2	SI			(	See inst	ructi	ons on He	everse Si	ae)					5E	P 1 5 200
	en Flow liverabil	-	4			Test Date 5/19/20							No. 15 - <b>20793-01</b>	<b>7</b> 0		KCC	WICHI
Company		source	es, Inc.						Lease Zweyga	ardt					34-19	Well N	
County Cheyenr	ne		Locat SWSE			Section 19			TWP 3S			RNG (E/1	W)			Acres 80	Attributed
ield Cherry C						Reservoir							nering Conn Systems In		on		
Completic 7/30/200	n Date	)				Plug Bac					Packer Set at					Management of the Management o	
asing Si			Weigl	ht		Internal [	Internal Diameter Set at 6.366 1622'							To	MD 0	an Hala	
Tubing Size Weight In					Internal Diameter Set at				Perforations			724 I	VID O	pen Hole			
					• • •					Open Hole Pump Unit or Traveling Plunger? Yes (No)			)				
Single (			us / Tubin	a)		Dry Ga	arbon D	ioxid	e ·			Flowing % Nitrogen Gas			Gas G	ravity -	G
nnulus	;			<i>3,</i>						_					.6	,	
ertical D 338'	epth(H)	1					Pressure Taps Flange							(Meter 2"	Run) (F	Prover) Size	
ressure	Buildup		ut in _5-1	-	2	08 at 8	:45	(	AM)(PM)	Taken_5	5-20	)	20	08	at_9:15	(	(AM)(PM)
Well on Line: Started 5-20			2	0 08 at 9	:15		(AM) (PM)				20	80	9:30	(	(AM) (PM)		
							OBSEF	RVEC	SURFAC	E DATA				Dur	ation of Shut	-in_24	Hours
Static / ynamic roperty	ic Size Meter Differentia Prover Pressure in		Differential	Flowing Temperature t	Temperature Temperature		$(P_w)$ or $(P_1)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )			Duration (Hours)		id Produced Barrels)			
Shut-In			poig (i iii)		mones 11 <sub>2</sub> 0				psig 150	psia 164.4		psig	psia				
Flow							-		150	164.4				24		0	
. •.							FLOW S	STRE	AM ATTR	IBUTES			1				
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Meter or Extens		Press Extension P <sub>m</sub> xh	Gravity Factor F <sub>g</sub>			Flowing mperature Factor F <sub>11</sub>	F	viati acto F <sub>pv</sub>	Pv (Mcfd)		,	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
				l									83				
12			(D. )2			(OPEN FLO	OW) (DEI			•					-	<sup>2</sup> = 0.2	:07
)2 =		•	(P <sub>w</sub> ) <sup>2</sup> =	Choc	se formula 1 or 2:	P <sub>d</sub> = _		% ¬	***************************************	C - 14.4) -		.4 =	: :		(P <sub>d</sub> )	1	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$				1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		LOG of tormula 1. or 2. and divide by:			Backpressure Curve Slope = "n"or Assigned Standard Slope		n x LOG		Antilog		Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
oen Flow	·				Mcfd @ 14.6	65 psia		i	Deliverab	ility		1		Vicfd	@ 14.65 psi	ia	
						Company, si			is duly au	uthorized	day	of De	e above repor			ıs know	eledge of 20 <u>08</u> .
			Witness (i	f any	)			-	_	-70	in	<i>r</i> W	1 (-)1 For C	ompar	jww		
			For Comm	issio	n			-	<u></u>	<del></del>			Chec	ked by	/		

SEP 1 8 2009	·		
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 34-19H  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 mct/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.  RECEIVED  SEP 1 8 2009  KCC WICHITA			•
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RECEIVED SEP 1 8 2009  KCC WICHITA  Signature:		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	<del></del>
SEP 1 8 2009 KCC WICHITA Signature: Quel Guil	staff as necessary	to corroborate this claim for exemption from testing.	
Signature: <u>Aannell Guvu</u>	Date: 12/10/08		RECEIVED SEP 1 8 2009
			KCC WICHITA
Title: Production Foreman ASSiSta M		Signature: <u>Jannell Guvu</u>	
			F

## 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.

W2410 Zweygardt 34-19H St. Francis St. Francis Flow

May-08

140	80 80 79 79 79 79 79 78 78 77 78	MCF DO  78  79  79  79  79  78  78  77  79  78  79  78  79  78  79  78	OWN BBLS  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S (Maximum length 110 characters)
	80 79 79 79 79 78 78 77 78	79 79 79 78 78 77 79 78 79 78	0 0 0 0 0 0 0 0	
	79 79 79 79 79 78 78 77 78	79 79 79 78 78 77 79 78 79 78	0 0 0 0 0 0 0 0	
	79 79 79 79 78 78 77 78	79 79 78 78 77 79 78 79 78	0 0 0 0 0 0 0	
140	79 79 79 78 78 77 78	79 78 78 77 79 78 79 78	0 0 0 0 0 0 0	
140	79 79 78 78 77 78 77	78 78 77 79 78 79 78	0 0 0 0 0 0	
140	79 78 78 77 78 77	78 77 79 78 79 78	0 0 0 0 0	
140	78 78 77 78 77	77 79 78 79 78	0 0 0 0	
140	78 77 78 77	79 78 79 78	0 0 0	
140	77 78 77	78 79 78	0 0 0	
140	. 78 77	79 78	0 0	
140	77	79 78	0 0	
140				
	77	78		
		70	0	
	78	79	0	
	77	78	0	
	77	78	0	
	76	53	0	
	77	72	0	
	76	78	0	
150	77	78	0	shut in for test
220	68	17	0	open
	72	88	0	•
	81	87	0	
	81	88	0	
	73	80	0	
	73	80	0	
	77	82	0	
	76	85	0	
150	82	85	0	
	81	85	0	
	78	83	. 0	RECE
				-
	150	77 76 150 82 81	77 82 76 85 150 82 85 81 85 78 83	77 82 0 76 85 0 150 82 85 0 81 85 0

Total 2395

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JAN 2 9 2009

CONSERVATION DIVISION WICHITA, KS

W2410

Zweygardt 34-19H

St. Francis

St. Francis

Flow

June-08

	Casing		Н	RS Water	REMARKS
DATE	PSI	STATIC MCF	D	OWN BBLS	(Maximum length 110 characters)
6/1/2008		78	83	0	•
6/2/2008		77	83	0	
6/3/2008	150	77	83	0	
6/4/2008		75	84	0	
6/5/2008		74	84	0	
6/6/2008		74	86	0	
6/7/2008		75	85	0	
6/8/2008		75	83	0	
6/9/2008		76	83	0	
6/10/2008	150	78	82	0	
6/11/2008		78	81	0	
6/12/2008		80	79	0	
6/13/2008		. 82	79	0	
6/14/2008		80	79	0	
6/15/2008		84	77	0	
6/16/2008		78	79	0	
6/17/2008	150	81	80	0	
6/18/2008		78	80	0	
6/19/2008		78	80	0	
6/20/2008		77	81	0	
6/21/2008		78	81	0	
6/22/2008		78	81	0	
6/23/2008		80	81	0	
6/24/2008	150	77	80	0	
6/25/2008		80	80	0	
6/26/2008	•	83	80	0	
6/27/2008		76	60	0	
6/28/2008		72	60	0	
6/29/2008		73	64	0	
6/30/2008		73	64	0	
7/1/2008			•	0	

Total

2362

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JAN 29 2009

CONSERVATION DIVISION WICHITA, KS

W2410 Zweygardt 34-19H St. Francis St. Francis Flow

-	-	_	.,	
Jı	u	ly	/-	08

	Casing			HRS	Water	REMARKS
DATE	PSI	STATIC	MCF	DOWN	BBLS	(Maximum length 110 characters)
7/1/2008	-	75	77	7	0	
7/2/2008		80	77	7	0	
7/3/2008		75	78	}	0	
7/4/2008		75	78	}	0	
7/5/2008		83	78	}	0	
7/6/2008	150	85	75	i	0	
7/7/2008		83	75	i	0	
7/8/2008		79	76	<b>;</b>	0	
7/9/2008		77	79	)	0	
7/10/2008		78	79	)	0	
7/11/2008		83	79	)	0	
7/12/2008		77	75	;	0	
7/13/2008	150	73	78	}	0	
7/14/2008		83	80	1	1	
7/15/2008		80	8	}	0	
7/16/2008		83	C	)	0	
7/17/2008		78	4		0	
7/18/2008		97	47	,	0	
7/19/2008		63	8		3	
7/20/2008		67	37		0	
7/21/2008	150	67	28		0	
7/22/2008		76	47		0	
7/23/2008		73	18	;	0	pinched in to work on
7/24/2008		95	0	1	0	
7/25/2008		92	0	) (	0	
7/26/2008		65	20		0	
7/27/2008		61	29		0	
7/28/2008		71	28		0	
7/29/2008		62	27		0	
7/30/2008		136	27		0	
7/31/2008	150	67	26		5	

Total 1438

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