## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test						(	See Ins	struct	tions on Re	verse S	ide	)	•					
	en Flov Iiverabi					Test Date			*	,			No. 1:	-	20.00			
Company		,				11/21/1:	3	•	Lease			15-	075-2	0464-0	)0-0C		Well Nu	ımbor
Linn Ope		Ind	;					٠.	HCU							3020-1		imber .
County Location Hamilton NE				Section 30				TWP 22S			RNG (E/W) 40W			Acres Attributed 640				
Field Bradsha	w				,	Reservoir Winfield					Gas Gathering Connection Oneok Field Services							
Completic 11/16/92		9	•			Plug Bac 2722	k Total	uí			Packer Set at					,		
Casing S 4.5	ize		Weig 9.5	ht		Internal E 4.090	Internal Diameter 4.090			Set at 2770'			Perforations 2614'			то 2719'		
Tubing Si 2 3/8	ize		Weig 4.7	ht		Internal E	Internal Diameter 1.995			Set at 2590'			Perforations			То		
Type Completion (Describe) Single Gas					Type Fluid Production Gas - Water			·			Pump Unit or Traveling Plunger? Yes / No Pump							
		(Ańr	nulus / Tubir	g)			arbon		de			% Nitrog		· ·		Gas Gr	avity -	G <sub>g</sub>
Annulus																.762		
Vertical D 2667	epth(H	)			•			Pres: Flan	sure Taps ne							(Meter   2.069		rover) Size
	Buildup	o: :	Shut in11	/20		0_13_at_1				Taken	11	/21		20	13			(AM) (PM)
Well on L					20												•	
						· .	OBSE	RVE	D SURFAC	E DATA					Dura	tion of Shut-	in_24	Hours
Static / Dynamic Property	namic Size		Circle one:  Meter  Prover Pressure  psig (Pm)		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well I Temperature t			Wellhead (P <sub>w</sub> ) or (F	Casing ellhead Pressure		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$				Liqui	id Produced Barrels)	
Shut-In			P - 3 ( · ···)			- *** * * * * * * * * * * * * * * * * *			psig 45	59.4	-	psig Pump		psia	24			
Flow					÷ -													
				'			FLOW	STR	EAM ATTR	IBUTES	3	L ,	··········					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  Prover Pressure  psia		Press Grav Extension Fact  ✓ P <sub>m</sub> xh F <sub>g</sub>		or Te		Flowing Femperature Factor F <sub>f1</sub>	Deviatio Factor F <sub>pv</sub>		ctor R		GOR (Cubic Feet/ Barrel)			Flowing Fluid Gravity G <sub>m</sub>		
						(ODEN EL	240 (D	F1 13/	EDADU ITV						<u> L</u>			
P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	=	· ·	P <sub>d</sub> =	JW) (U		ERABILITY % (F	) CALC ا <sub>د</sub> - 14.4				:		(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.2 <sup>2</sup> =	207
(P <sub>c</sub> ) <sup>2</sup> - (F		(P	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		ose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ led by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P	2 w	Slo	ssure Cu pe = "n" - or signed lard Slope		nxl	LOG			Antilog	Del Equals	pen Flow liverability s R x Antilog (Mcfd)
Open Flov					Mcfd @ 14.6	65 psia			Deliverab				·		Mofd	@ 14.65 psi	ia	
		ned	l authority	n b	ehalf of the		tates th				d to	make th	ne abo					viedge of
					report is true				•	nd		day of D			i all	. mat ne na		20 <u>13</u> .
			<b>14</b> 27	ns -	<u> </u>					D,	h	Aus	-9	4	is	ren	- K(	CC WIC
			Witness	if any	<i>n</i>									For C	Company	<i>'</i>	f	EC 13
			For Com	nissio	מו				_	·····		·		Chec	ked by		L	

I declare under penalty of perjury	-		thorized to request
exempt status under Rule K.A.R. 82-3	3-304 on behalf of the opera	itor Linn Operating, Inc.	<del></del>
and that the foregoing pressure infor	rmation and statements c	ontained on this application	n form are true and
correct to the best of my knowledge a	ınd belief based upon avai	lable production summaries	and lease records
of equipment installation and/or upon t		<del>-</del>	well herein named.
I hereby request a one-year exem	nption from open flow testi	ng for the HCU 3020-B	···
gas well on the grounds that said well	l:	•	
(Check one)			
is a coalbed metha	·		
is cycled on plung			
		n oil reservoir undergoing E	:R
<u></u>	e present time; KCC appro		
✓ is not capable of p	producing at a daily rate in	excess of 250 mct/D	
I further agree to supply to the be	•		emea by Commissior
staff as necessary to corroborate this	s claim for exemption from	testing.	
10/0/10			
Date: 12/2/13	,	·	
•			
			,
	Signature:	aus Hilaron	
		and Hunan Dry Compliance Advisor	

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.

KCC WICHITA

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