RECEIVED

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

Type Test	:	•		G(	See Instruct	tions on Re	verse Side	e) '		•			
Op	en Flow			T1 D-1				4.51	N. 45	ali			
✓ Deliverabilty				Test Date: 12/04/13			API No. 15 15-075-20754 <b>– OO TOO</b>						
Company Linn Operating Inc				Lease HCU			Well Number 3111-B				er .		
County Location Hamilton NE SW SW			Section 31			TWP 21S		W) <u>.</u>	Acres Attribute 640		outed		
Field Bradshaw				Reservoir Winfield			Gas Gathering Connection Oneok Field Services						
Completion Date 8-30-01			Plug Bac 2880'	Plug Back Total Depth 2880'			Packer Set at						
Casing Si 4.5	sing Size Weight 5 10.5		Internal E 4.052	Internal Diameter 4.052		Set at <b>2926</b> '		rations O'	то 2750'				
Tubing Si 2 3/8	•		Internal E 1.995	Internal Diameter 1.995		Set at <b>2809</b> '		rations	То				
Type Completion (Describe) Single Gas				Type Fluid Production Gas - Water			Pump Unit or Traveling Plunger? Pump			Yes / No Yes			
Producing Annulus		nnulus / Tubir	ig)	, % C	Carbon Dioxi	de .		% Nitrog	en	Gas G .789(	ravity - G <sub>g</sub>		
Vertical D	epth(H)			•	Pres	sure Taps					Run) (Prove	r) Size	
2740				<u> </u>	Flan	ge	<u>.</u>			2.070	)		
Pressure	Buildup:	Shut in 12	/03	13 at 1	1:00 AM	(AM) (PM)	Taken 12	2/04	20	13 at 11:00	AM (AM)	(PM)	
Well on Li	ine:	Started	2	20 at		(AM) (PM)	Taken		20	at	(AM)	(PM)	
					OBSERVE	D SURFAC	E DATA			Duration of Shut	-in <u>24</u>	Hours	
Static / Dynamic Property	Orifice Size (inches)	Circle one:  Meter  Prover Press psig (Pm)	1	Temperature Temperature		$(P_w)$ or $(P_t)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In		poig (t iii)	mones 11 <sub>2</sub> 0			psig 50	psia 64.4	Pump	psia	24			
Flow													
					FLOW STR	EAM ATTR	IBUTES				· · · · · · · · · · · · · · · · · · ·		
Plate Coeffieci (F <sub>b</sub> ) (F <sub>p</sub> Mcfd	ent ) P	Circle one: Meter or rover Pressure psia	Press Extension P <sub>m</sub> xh	Extension Fact		tor Temperature		Deviation Metered Flor Factor R F <sub>pv</sub> (Mcfd)		v GOR (Cubic Fo Barrel	eet/	lowing Fluid iravity G <sub>m</sub>	
P <sub>c</sub> ) <sup>2</sup> =	······································	(P <sub>w</sub> ) <sup>2</sup> =		(OPEN FLO	OW) (DELIV		) CALCUL P <sub>c</sub> - 14.4) +				) <sup>2</sup> = 0.207 ) <sup>2</sup> =		
(P <sub>c</sub> ) <sup>2</sup> - (F		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_v^2$	LOG of formula 1. or 2. and divide		Backpre Slop As:	ssure Curve pe = "n" - or signed ard Slope		.og [	Antilog	Open F Delivera Equals R x (Mcfi	bility Antilog	
i							****			•			
Open Flov	w		Mcfd @ 14	.65 psia		Deliverab	ility			Mcfd @ 14.65 ps	sia		
										rt and that he h	_		
ie racts st	ated there	ein, and that s	aid report is tru	e and correct	t. Executed	this the	41	day of	1 /	1	, 20 _		
					·	. ,	XIN	aus	-Hu	enou.	(AA ) (A		
		Witness	(if any)						For C	Company	CC W		
		For Comr	nission			-		<del></del>	Chec	ked by	DEC 1	3 201	

I declare under penalty of perjury under the la	aws of the state of Ka	nsas that I am au	thorized to request
exempt status under Rule K.A.R. 82-3-304 on behal	If of the operator Linn	Operating, Inc.	
and that the foregoing pressure information and s	tatements contained	on this application	n form are true and
correct to the best of my knowledge and belief base	ed upon available prod	duction summarie	s and lease records
of equipment installation and/or upon type of compl	etion or upon use bein	ig made of the gas	well herein named.
I hereby request a one-year exemption from op	en flow testing for the	HCU 3111-B	
gas well on the grounds that said well:	·		
	•		
(Check one)			
is a coalbed methane producer			-
is cycled on plunger lift due to v	water	•	
is a source of natural gas for inj	ection into an oil rese	rvoir undergoing E	R
is on vacuum at the present time	e; KCC approval Dock	et No	
is not capable of producing at a	a daily rate in excess o	of 250 mcf/D	
			• .
I further agree to supply to the best of my abili	ty any and all support	ing documents de	emed by Commission
staff as necessary to corroborate this claim for exe	emption from testing.		
		• .	
Date: 12/5/13			
Date			
	•	,	
		1.7	
Signatur	re: Maine	teltres	•
		Nianco Advisor	
Tit	le: Regulatory Comp	marice Advisor	
3	· ·		

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.

DEC 1 3 2013