KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

million SESE 5 23S 41W 640 addshard Passervoir Gas damening Connection Oneok Field Services Winfield Passer Set at Partorations To 2561'	Type Test:			7, 1	•	6	See Instru	uctions on R	everse Side	∍)					
1,204/13	Оре	en Flow				Test Date		, x	,	ΔΡΙ	, No. 15				
In Operating Inc. Containing Containin	√ Deli	iverabilty	<i>i</i>						· .			00-00	•		
Publish			nc	•	· · · · · · · · · · · · · · · · · · ·	* , .						05		mber .	
morphelion Date 2075 2075 208 2075 208 208 208 2095 208 2095 208 2095 208 2095 208 2095 2095 2095 2095 2095 2095 2095 2095	County Location					Section TWP 5 23S									
Plug Back Foot Packer Set at 202075	^{ield} Iradshav	N	N. T.												
5	Completion /20/75	n Date		F 1			Total De			Packer S	et at				
Second S	asing Siz	ze ·					iameter								
The undersigned authority, on behalf of the Company, States that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is frue and correct. Executed this he is 5th day of December Procure of Size (P, 2 ¹ , P, 2 ² , P, 2 ³ , P	ubing Siz	ze .		ıht '			iameter			Perfo	rations	То			
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that said report is true and correct. Executed this the								ion			nit or Traveling	g Plunger?		* .	
Pressure Taps (Mater Run) (Prover) Size (AST) Size (AST) (AS	roducing	Thru (A		ng)		·% C	arbon Dic	oxide			en			\hat{a}_{g}	
essure Buildup: Shut in 12/03 20 at 11:00 AM (AM) (PM) Taken 20 at			•						and the second			(Me	eter Run) (Pi	rover) Size	
Started 20 at (AM) (PM) Taken 20 at (AM) (PM) Taken 20 at (AM) (PM)		Buildup:	Shut in12	2/03	2	0_13 at_1			l) Taken 1	2/04				(AM) (PM)	
Comparison Com	Vell on Lir	ne:	Started		20	0 at		(AM) (PM	l) Taken	·	20	at	· (AM) (PM)	
Continue		•					OBSERV	/ED SURFA	CE DATA		Ŷ.	Duration of S	Shut-in 24	Hours	
Part	Static / Dynamic	Size	Meter Prover Pres	Differential '		Temperature	Temperatu	d Wellhea	Wellhead Pressure		Wellhead Pressure				
FLOW STREAM ATTRIBUTES Plate Coefficient (F ₂) (F ₂) (F ₃) (F ₄) (F		(mones	psig (Pm) · Inc	thes H ₂ 0			psig	psia	psig	psia	.24	2		
Plate Coefficient	Flow							30	32.4	Fump			•.		
Plate Coefficient			<u> </u>		•		FLOW S	TREAM ATT	RIBUTES						
Coefficient (F _p) (F _p) Prover Pressure psial P _m xh P _m	Plate		Circle one:		Prace	1					· · · · · · · · · · · · · · · · · · ·			Flowing	
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P _a) ² = (P _w) ² = (P _a) ² = (P	Coefficie		Prover Pressure	E	Extension		or	Temperature Factor	emperature Fa		ictor R		oic Feet/	Fluid Gravity	
P _a = % (P _c · 14.4) + 14.4 = (P _a) ² = Open Flow	•			1								,			
P _a = % (P _c · 14.4) + 14.4 = (P _a) ² = Open Flow						(OPEN FLO	OW) (DEL	IVERABILIT	Y) CALCUL	ATIONS			(P)2 - 0.2	07	
Per Flow Mcfd @ 14.65 psia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the Witness (if any) For Commission In x LOG Slope = "n" or x LOG Slope = "n" or x LOG Assigned Standard Slope Slope = "n" or x LOG Assigned Standard Slope North Slope = "n" or x LOG Assigned Standard Slope North Slope = "n" or x LOG Antilog Antilog Antilog Antilog Antilog Antilog Open Flow Slope = "n" or x LOG Assigned Standard Slope North Slope = "n" or x LOG Assigned Standard Slope North Slope = "n" or x LOG Antilog Antilog Open Flow Deliverability Mcfd @ 14.65 psia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of day of December 20 13 Witness (if any) For Company Checked by DEC 13 2	o _c)² ≐	·	(P _w) ²		<u> </u>	. P _d =			100		•		$(P_d)^2 = $		
Po 2 - (P _d) 2 Assigned Standard Slope Men Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 5th day of December 20 13 Witness (if any) For Commission Checked by DEC 13 2	$(P_c)^2 - (P_a)^2$		$(P_c)^2 - (P_w)^2$	1. 1	O 2 - P 2	formula		Slope = "n"				Antilog	Deli	Deliverability	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the	(P _c) ² - (P _d) ²					and divide p2 - p2		Assigned							
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facts stated therein, and that said report is true and correct. Executed this the	Open Flow	v		Mo	fd @ 14.0	65 psia		Delivera	ability		٠,,, ه	Mcfd @ 14.6	5 psia		
Witness (if any) For Commission Checked by DEC 13 2	The u	ndersigr	ned authority,	on beha	ulf of the	Company, s	tates that	he is duly a				ort and that h	e has know	ledge of	
For Commission Checked by DEC 13 2	e facts sta	ated the	rein, and that	said rep	ort is true	and correct	. Execute	ed this the	5th	day of D	ecember		,2	20 13	
For Commission Checked by DEC 13 2				•	÷. •	, ', :			L	Mar	y-4	tun	Liter		
			Witness	(if any)							For	Company	- ING	O VVIO	
			For Com	mission			• •			;	Che	cked by	DE	C 13 21	
		*			•							٠		RECEIV	

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 Linn Operating, Inc. 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 HCU 0531 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 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: 12/5/13
Signature: Man Hully Title: Regulatory 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.

MCC WICHITA

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