RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(See Instructi	ions on Re	verse Side)		•		
Ор	en Flow	•	• .		•				1: 45	•		
√ Del	liverabilty			Test Date 12/04/13					16. 15 75-20481-0	00-00		
Company Linn Ope		nc ·				Lease HCU			• •	3531-	Well Number B	
County Location Hamilton C SE			Section 35				RNG (E/W) 41W			Acres Attributed 640		
Field Bradsha	w			Reservoir Winfield					ering Conne			
Completion Date 12/7/90					Plug Back Total Depth 2590			Packer Se	t at	ALLES		
Casing Size Weight 4.5 9.5		Internal D	Internal Diameter 4.090		at O'	Perforations 2392'		т _о 2546'				
Tubing Size Weight		•	Internal Diameter 1.995		Set at 2531'		Perforations		To			
	npletion ([4.7 Describe)		Type Flui	d Production			•	or Traveling	.	/ No .	
Single Gas Producing Thru (Annulus / Tubing)				Gas - Water % Carbon Dioxide			Pump % Nitroge	n		Yes Gas Gravity - G		
Annulus Vertical Depth(H) 2465				Pressure Taps Flange				.795 (Meter Run) (Prover) Siz 2.067"				
Pressure	Buildun:	Shut in	3 ,	13 _{at} 1	1:00 AM		Taken 12	/04	20	13 _{at} 11:00		
Well on L											(AM) (PM)	
				*	OBSERVE	D SURFAC	E DATA			Duration of Shut	24Hours	
Static / Dynamic Property	Oynamic Size Prover Press		Pressure Differential in Inches H ₂ 0	al Temperature Tempera		wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		P13 (11)				psig 25	99.4	Pump	psia	24		
Flow								·		,		
					FLOW STR	EAM ATTR	RIBUTES					
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure . psia	Press Extension P _m xh	Grav Fac F	tor T	Flowing Temperature Factor F _{tt}		Deviation Metered FI Factor R (Mcfd)		y GOR (Cubic Fo	eet/ Fluid	
			,									
(P _c) ² =		(P _w) ² =		(OPEN FL	OW) (DELIV		() CALCUL P _c - 14.4) +) ² = 0.207) ² =	
(P _c) ² - (F	,	(P _c) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ² vided by: P _c ² -P _d	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpre Slo As	essure Curve pe = "n" - or ssigned dard Slope	n. x LC	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			· · ·		÷ *				:			
Open Flo	w	· · · · · · · · · · · · · · · · · · ·	Mcfd @ 14	.65 psia		Deliverat	oility			Mcfd @ 14.65 ps	ia	
The (undersigne	ed authority, on	behalf of the	Company, s	states that he	_			•	rt and that he ha	•	
he facts st	tated there	ein, and that said	d report is true	e and correc	t. Executed	this the 5	th	day of De	cember 上 1	, , ,	, 20 <u>13</u>	
		•					SY	ans	-Th	corete		
•		Witness (if a	ny)			٠			For C	Company	KCC WICH	

		-			nat I am authorized	to request
•	er Rule K.A.R. 82-3					
					application form a	
				•	summaries and lea	
• •	•		-	-	e of the gas well her	ein named.
I hereby reque	est a one-year exer	nption from ope	n flow testin	g for the HCU	3531-В	
gas well on the gr	ounds that said we	II:				
(Check	one)			. •		
	is a coalbed meth	ane producer				
	is cycled on plung	•	ter			
	is a source of nati			oil reservoir ur	dergoing FR	
	is on vacuum at th	•		*	oorgonig <u>-</u> ii	
	is not capable of				mcf/D	
I further agree	e to supply to the b	est of my ability	any and all	supporting doc	cuments deemed by	v Commission
	to corroborate thi		-	· · · · · ·	•	,
Date: 12/2	5/12				e.	
Date: 7 9 2		•	•			
			•			
•		Signature	Ma	un thi	Arles	
		Title	Regulato	ry 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.

DEC 13 2013