KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	: en Flow liverabil				Test Date			everse Side	APII	No. 15	စစစ်			
Company 06/				00/00/2	06/08/2014 to 06/13/2014 Lease				071-20776 ~ 0006 Well Number					
RXXXX	nke _X	Horseshoe Operating, Inc.					Chester ·		5110 (54	A D	#2			
County Greeley		Location W/2 E/2 NE			Section 19		TWP 17S		RNG (E/W) 40W			Acres A	ttributed	
Field Bradshav	W			/infield, Upper Ft. Riley			Gas Gathering Connection DCP Midstream							
Completion Date 11/12/03					Plug Back Total Depth 3068				Packer Se	et at				
Casing Size 4.5			Weight 10.5	Internal Diameter 4		Set at 3075		Perforations To 2966-76, 2980-86						
Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995		Set at 2992		Perforations To					
Type Completion (Describe) Single (Gas) Type Fluid Pro Salt Water							n		Pump Unit or Traveling Plunger? Yes / No Pumping Unit					
		Ann	ulus / Tubing)		% (Carbon Dioxi	de		% Nitroge	en	Gas Gr	ravity - G	\hat{a}_g	
Annulus Vertical Depth(H) Pre Flar							sure Taps				(Meter Run) (Prover) Size 2 inch			
Pressure	Buildun		Shut in06/08	3 ,	0 14 _{at} 1			Taken 06	6/13	20	14 _{at} 4:15 P		AM) (PM)	
Well on L											at		AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_125	5.0 Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressure	2000	Flowing Temperature t	Well Head Temperature t	emperature t Wellhead P		Wellhea (P _w) or	ibing d Pressure (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In		+	psig (Pm)	Inches H ₂ 0		-	psig 82	95.4	n/a	n/a	125.0	n/a		
Flow		+					02	00.1	1.00	100	120.0	1110		
				1		FLOW STE	REAM ATTR	IBUTES		1				
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Gra Fac F	vity .	Flowing Temperature Factor F _{f1}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	(Cubic Fe	GOR (Cubic Feet/ Barrel)		
(P _c) ² =		:	(P _w) ² =	:	(OPEN FL	OW) (DELIV		') CALCUL P _c - 14.4) +		:	(P _a)) ² = 0.20	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² - P _a ² 2. P _c ² - P _a ² ded by: P _c ² - P _w ² LOG of formula 1. or 2. and divide by:		Backpress Slope 0 P 2 - P 2 Assig		essure Curve pe = "n" - or ssigned dard Slope	n x l	og [Antilog	Open Flow		
Open Flor	L w			Mcfd @ 14.	65 psia		Deliverat	oility			Mcfd @ 14.65 ps	ia		
	***************************************	ined	authority on			states that h			o make the	above reno	ort and that he ha		edge of	
			, and that said				_	_		ctober	. 1		20 14	
			Witness (if a	nv)			-	1	mice	Ky	bley K	ANSAS CO	Received ORPORATION COM	
							74	0			0	NC	V 10 20	
			For Commiss	noff						Che	cked by		ERVATION DIVIS WICHITA, KS	

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	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request
	der Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	going pressure information and statements contained on this application form are true and
	t of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Chester #2
as well on the g	rounds that said well:
(Check	
	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 agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
taff as necessar	y to corroborate this claim for exemption from testing.
oate: 10/28/2014	
Jale: _10/20/2019	
	Signatura Oppica Kindur
	Signature:
	Title: Production Assistant

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 32-3-304, 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.