KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	a:						(See Instruc	ctions on Rav	erse Sid	e)							
	oen Flo	W				Tost Dat	. .				ADLA	lo. 15					
☐ De	eliverat	ilty				Test Dat	ון		j.	5-		-20790-00	-00				
Compan		Оре	erating, In	C.			<u></u>	Lease Lee	·· ···					3-27	Well N	ımber	
County Location Greeley C NE/4			Section 27		TWP 17S				NG (E/W)			Acres Attributed					
					Reservoir Winfield			Gas Gathering Connection DCP Midstream									
- 14 4 to 4				Plug Bad 3026	k Total Dep	oth		Par	cker Se	t at		-		<u> </u>			
Casing Size Weight 4.5 10.5			·	Internal 4.052	Diameter	Set at 3030		Perfora			To 2930-32						
Tubing Size 2.375			Weight 4.7			Internal (Diameter	Set at 2983		Perforations 2936-38				To 2952-67			
Type Con Single	npletion	n (De	escribe)			Type Flui Water	id Productio		<u> </u>			or Traveling	Plunger		/ No		
Producing	Thru	(Anr	nulus / Tubin	(B)			Carbon Diox	ide	·····	% 1	Nitroge	n		Gas Gra	avity - (3,	
Vertical D	epth(H	i)					Pres	sure Taps		_				(Meter F	Run) (P	rover) Size	
Pressure	Bulldu	 p: {	Shut in	<u> 7-</u>	5 2	0 // at _8	8:30	(AM)(PM)	Taken		1-6	20	//_ at_	8:30	<u> </u>	AM) (PM)	
Well on L	ine:	;	Started		20	0 at		(AM) (PM)								AM) (PM)	
							OBSERVE	D SURFACE	DATA				Duration	of Shut-i	in_2	4 Hours	
Static / Dynamic Property	Dynamic Size		Maler Prover Preceure		Pressure Differential in Inches H_0	Flowing Well He Temperature t		Wallhood Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _a) psig psia		Pressure		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In									159	<u> </u>	hziñ	psia	24	7			
Flow																	
	<u> </u>			_		-,-	FLOW STE	REAM ATTRIE	BUTES						-		
Plate Coefficient (F _b) (F _p) Mcfd		Gittle one: Metar or Prover Pressure psla			Press Extension P _m xh	Grav Fact	tor	Flowing Temperature Factor F _{II}		Peviation Factor F _{ev}		Metered Flow R (Mcfd)	(GOR (Cubic Feet Barrel)		Flowing Fluid Gravity G _m	
				L		(ODEN EL	200 (25)					·					
(P _a) ² =		<u>.:</u>	(P _w) ² =		<u>:</u>	P _d =	=	ERABILITY) % (P.	- 14.4) +			:		(우 _a)² (우 _d)²	= 0.2	07	
(P _e) ^z - (P or (P _e) ^z - (P	*)s *)s	(P)²- (P _w)²	1	p2.p2	LOG of formula 1, or 2, and divide	p 2 - p 2	Backpress Slope 	: = "n" :r gned	-	n x LO	G]	Antil	og	Dell Equals	en Flow verability Fl x Antilog Mcfd)	
		-		JVIO	odby: P.z. P.z	ьуг	<u> </u>	Standar	ч экуре	\dashv			· · · · · · · · · · · · · · · · · · ·				
					-								-			-	
Open Flow	<u>'</u>				Mcfd @ 14.6	5 psia		Deliverabili	ity			. N	cfd @ 1	4.65 psla	1		
					half of the (e is duly auti	a	o ma dav o	7	above report	and tha	it he has		edge of	
												liples			 مار		
			Witness (II									Forfo	mpany		-KE	00146 0	
			For Comm	asion								Check	ed by		-MA'	<u>Y 1 Z Z</u> UI	

l de	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
exempl	at the foregoing pressure information and statements contained on this application form are true and
anu mo	to the best of my knowledge and belief based upon available production summaries and lease records
of equip	oment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the Lee 3-27
	If on the grounds that said well:
•	(Check ane)
	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
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	necessary to corroborate this claim for exemption from testing.
Doto:	5/9/11
Jaic	
	•
	Signature: <u>Janice Ripley</u>
•	Title: Production Assistant

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.