KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:					(See Instruc	ctions on Rev	verse Side	∍)				
Open Flow Deliverability					Test Dat	Test Date:			API No. 15 15-071-20176 ~0000				
Compan		Оре	rating, Inc				Lease Sell	•			1-9	Well Number	
County Location Greeley NE NE					Section 9				RNG (E	RNG (E/W) 40W		Acres Attributed	
Field Bradshaw					Reservo L. Win	5. P. L.		Gas Gatherino C DCP Midstrea		A			
Completi 8/80	ion Dat	e			Plug Bac 2960	Plug Back Total Dept 2960		th 🦥 🧀		Packer Set at . None			
Casing Size 4.5			Weight 9.5		Internal 4.09	Internal Diameter 4.09		Set at 3014		Perforations 2904		To 2948	
Tubing Size 2.375			Weight 4.7		Internal I	Diameter	ameter Set at 2950		Perforations		То		
Type Cor Single		ı (De	escribe)		Type Flui Water	Type Fluid Production Water				Pump Unit or Traveling Plunger Yes		r? Yes / No	
Producing Annulus	_	(Anr	ulus / Tubing)	% (% Carbon Dioxide			% Nitrogen			Gravity - G _g	
Vertical Depth(H),								sure Taps				(Meter Run) (Prover) Size	
Pressure	Buildu	p: 8	Shut in 6	-20 2	0/3 at _	0:32	(AM) (PM)	Taken	6-6	?/	13 at 10	:32 (AN) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
1 1 1				·, · · · · · · · · · · · · · · · · · ·	7 1 61 1.7,	OBSERVE	D SURFACE		1		Duration of She	ut-in_24_Hours	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential Inches H ₂ 0	Flowing Well Heat Temperature t		Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	iut-In .750						62				24		
Flow	· ·							•:					
						FLOW STR	EAM ATTRI	BUTES		Γ · · ·		/	
Coeffieci	V 6 / V p /		Circle one: Meter ot rer Pressure psia	Press Extension ✓ P _m x h	Grav Fact F	tor Temperature		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOI (Cubic l Barro	Feet/ Fluid	
(P _c) ² =		:	(P _w) ² =	:	(OPEN FLO	• •	ERABILITY)	CALCUL - 14.4) +		:		$_{a}^{a})^{2} = 0.207$ $_{d}^{b})^{2} = $	
		(P _c	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ²			LOG of formula 1. or 2.		Backpressure Curve Slope = "n"or Assigned		LOG	Antilog	Open Flow Deliverability Equals R x Antilog	
<u> </u>			di	rided by: $P_c^2 - P_w^2$	by:		Standa	rd Slope				(Mcfd)	
						•				٠.			
Open Flow				55 psia	psia		Deliverability			Mcfd @ 14.65 p	osia		
			•	behalf of the			· /	horized to	make the	ne above rego Octo W	rt and that he i	nas knowledge of , 20 <u>13</u> .	
	·		Witness (if a				·		July 1	For C	ompaly ked by	· · · · · · · · · · · · · · · · · · ·	
			, or commiss										

Barrie ...

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 Horseshoe 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 Sell 1-9 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						
A .	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: 10-15-13

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.

RECEIVED KANSAS CORPORATION COMMISSION