KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Instruc	tions on Reve	erse Side)						
Open Flow						Test Date	9:. /	41	API No. 15							
Deliverabilty						<u>4-3-1</u>	14		15-075-2071							
Company Horseshoe Operating, Inc.				_			Lease Simon	Lease Simon			Well Number					
County Hamilto			Location N/2 NW				TWP ⁻ 23S			W)	Acres Attribu 160		ttributed			
Field Bradshaw					Reservoi Winfiel				Gas Gathering Cor Oneok		ction					
Completion Date 5-15-2000					,	Plug Bac	th		Packer S	Set at		·				
Casing Sfze 4.5			Weigi 10.5	ht		Internal Diameter 4.052		Set at 2650		Perforations 2546		то 2638				
Tubing Si 2.375	ize.		Weight 4.7			Internal I 1.995	Diameter	Set at 2639		Perforations		То				
Type Con	n (De	escribe)			Type Flui Water	d Productio	n	Pump Unit or Tra Ye S		it or Traveling	veling Plunger? Yes / No					
Producing Thru (Annulus / Tubing) Casing					· ,	% Carbon Dioxide				% Nitrogen Gas Gravity - G						
Vertical C	epth(H)					Pres	sure Taps				(Meter	Run) (Pi	over) Size		
_				4.	2	11/	Flan			4.:	2	14 0.1	00			
Pressure Buildup: Shut in							`	AM) (PM) AM) (PM)								
							·							, (,		
			·				OBSERVI	ED SURFACE	DATA			Duration of Shut-	in <u>A</u>	4 Hours		
Static / Dynamic Property	namic Size		Circle and: Meter Prover Pressure psig (Pm)		Pressure (Differential In nches H _o 0	Flowing Temperature t	Well Head Temperature t	Wellhead P	Casing lihead Pressure) or (P _t) or (P _c)		ad Pressure (P ₁) or (P ₆)	Duration (Hours)		Liquid Produced (Barrels)		
Shut-In	,50	00	P3 (,	1				75	psia	psig	psla	24	<u> </u>			
Flow																
							FLOW STI	REAM ATTRIE	BUTES	1		<u> </u>				
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension Pmxh		Grav Fac F	tor	Flowing Temperature Factor F _{f1}		eviation Metered Factor R F _{p+} (Mcf		GOR (Cubic Fe Barrel)		FlowIng Fluid Gravity G _m		
!																
(P _c) ² =		:	(P _w) ² =	=	:	(OPEN FLO		/ERABILITY) % (P_	CALCUL - 14.4) +		':	(P_) (P _d)	2 = 0.2 ²	3 7		
			Choose formula 1 c					Backpressure Curve				Open Flow		en Flow		
$(P_c)^2 - (P_d)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		-	P ₂ -P ₂ 1by: P ₂ -P ₃	formula 1. or 2. and divide by: p 2-p 2		Slope = "n" or Assigned Standard Slope		n x LOG		Antilog Eq		verability R x Antilog (Mcfd)		
-	_												·			
Open Flov				 M	Icfd @ 14.6	55 psia		Deliverabil	itv			Mcfd @ 14.65 ps	l fa			
		ianed	l authority o				tates that I			n maka +		rt and that he ha		ledge of		
			n, and that s					-	16	day of	Qual			20 14.		
	-				_	•			(\int_{a}	Nice)	Kinle	4	_ 		
	<u> </u>		Witness ((if any)				_		1	For C	ompany KO	C V	 VICHITA		
			For Comm	nission							Chec	ked by	IAI n	<u>- • • • • • • • • • • • • • • • • • • •</u>		

JUN 2 0 2014 RECEIVED

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 Simon 1-12
gas well on the grounds that said well:
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: 6-16-14
Signature: Auce Ripley 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.