KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Reve	erse Side	9) -				
Open Flow				Test Date	_Test Date:			API No. 15					
De	liverabl	lty 			7-/8-	14				5-20596 — 00	180		
Company Horseshoe Operating, Inc.					Lease Sinsbaugh					1	Well Number		
County Location Hamilton C SW				Section 17		TWP 22S		RNG (E/W) 41W		Acres Attributed			
Field I					Reservoir Winfield			Gas Gathering Connection Oneok					
Completion Date				Plug Bac 2700'	Plug Back Total Depth 2700'				Set at		<u> </u>		
Casing Size Weight				Internal E 4.000	Diameter	Set at 2732			rations 4'	To 2688'			
Tubing Size Weight 2-3/8 4.7					Internal Diameter Set at 2.000 2690'			Perfo	rations	То	То		
					Type Fluid Production				Pump Unit or Traveling Plunger? Yes / No Pump Unit - Rod				
Producing Thru (Annulus / Tubing)					% Carbon Dioxide				jen	Gas Gr	avity - G		
Annulus							· ·		_				
Vertical D	Pepth(H)				Flan					2"	Run) (Prover) Size	
Pressure	Buildu	o: {	Shut in	7-17 2	014at /	1:15	(AM) (PM) 1	aken	7-/	20.	14 at //./	(5 (AM) (PM)	
Well on L	ine;	8	Started	2	0 at		(AM) (PM) 1	aken		20	at	(AM) (PM)	
41	ψ. ē	,*i				OBSERVE	D SURFACE	DATA	,		Duration of Shut-	in <u>24</u> Hours	
		fice Circle one: Meter Prover Pressure		ſ	Flowing Well Hea		I Malhand Proceure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	.51		psig (Pm)	Inches H ₂ 0			psig .	^{psia} 48	psig	psia	24		
Flow	100	_		1		-		, ,					
						FLOW STE	REAM ATTRIE	BUTES	· -				
Plate Coefficcient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Extension Fact		or. Temperature		iation ctor _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity: G _m	
			· ·					•					
			/D \2	_			ERABILITY)					= 0.207	
(P _c) ² =	- T	<u>-:</u> _	(P _w) ² =	Choose formula 1 or 2	P _d =		% (P _c	- 14.4) +			(P _a):	, ,	
(P _c) ² - (I or (P _c) ² - (I		(P	(P _w) ²	1. P _c ² - P _s ² 2. P _c ² - P _d ² divided by: P _c ² - P _s ²	LOG of formula 1. or 2. and divide by:	P.2-P.2	Slope	= "n" or gned	пх	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			• •			J							
					<u> </u>		*				•		
Open Flow Mcfd @ 14.65			65 psia	psia Deliverability			Mcfd @ 14.65 psia						
				n behalf of the				5/a	day of	ne above repor	t and that he ha	s knowledge of	
			Witness (i	any)		KANSAS	Received CORPORATION CO	MARION	Jactor	Force	ompany		
			For Comm	ission			; ·· vivilloi <u>i C(</u>	JIVIMISSION	٠	Chec	ked by	<u> </u>	

AUG 29 2014

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 Sinsabaugh #1
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: 8-36-14
Signature:

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.