KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruc	tions on Rev	erse Side,)				
Op	en Flow			÷				A DI	No. 15		·	
Deliverabilty				Test Date	14			API No. 15 15-075-20743 <i>∽0000</i>				
Company		erating, In	c.			Lease Virginia	1			1	Well Number	
County Location Hamilton SE				Section 6		TWP 21S			RNG (E/W) 40W		Acres Attributed 480	
Field Bradshaw				Reservoir Winfiel			Gas Gathering (DCP Midstre			ection		
Completion Date 5-1-2001				Plug Bac 2827	k Total Dep	th	Packer Set at		Set at			
Casing S 4.5	asing Size Weight .5 10.5			Internal E 4.090)iameter	Set at 2831		Perforations 2791		To 2796		
Tubing S 2.375	ubing Size Weight			Internal D 2.0000	Diameter	Set at		Perforations		То		
Type Completion (Describe) Single Gas				Type Fluid Water	d Production	n	Pump Unit or Traveling P Yes			Plunger?' Yes / No		
Producing Thru (Annulus / Tubing)				% Carbon Dioxide				% Nitrogen Gas Gravity - G				
Casing Vertical D	Pepth(H)			·		sure Taps			·····	(Meter I	Run) (Prover) Size	
Pressure	Buildup:	Shut in	4-2 2	0/4 _{at}	Flan 8,'00		Taken	4	3 20.	14 at 8.	00 (AM) (PM)	
Well on L				•						at		
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours	
Static / Dynamic Property	Orifice Size (inches)	Citale one: Meter Prover Press psig (Pm)		Flowing Temperature t	Well Head Temperature t	Casi Wellhead F (P _w) or (P _t	Pressure	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	.625	5	-				53.3	μong	рза	24		
Flow										, 		
					FLOW STE	REAM ATTRI	BUTES					
Plate Coeffiec (F _b) (F Mcfd	ient	Circle one: Meter or rover Pressure psia	Press Extension P _m xh	Extension Fac		Flowing Temperature Factor F _{ft}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Gravity I	
	`				2 4	3-			_			
P _c) ² =	:	(P)² =	: ;	(OPEN FLO	• •	/ERABİLITY) % (P.	CALCUL - 14.4) +		:	(P _a)	$0^2 = 0.207$	
(P _c) ² - (F or (P _c) ² - (F	1	(P _c) ² - (P _w) ²	Choose formula 1 or 2. 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _a ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpressure Curve Slope = "n" Assigned Standard Slope		n x	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
		4					<u></u>				·	
<u> </u>		<u> </u>			:					<u> </u>	<u> </u>	
Open Flo The ι		ed authority, o	Mcfd @ 14.		tates that h	Deliverabi ne is duly au		o make t		Mcfd @ 14.65 ps int and hat he ha		
ne fàcts si		ein, and that s	aid report is true				2	day of 🔏	Septej	nlife	, 20_14.	
• • •	• • •	* , et*		<u> </u>				anil	e Ki	pley		
	-	Witness	(if any)			· –	7	-,	For	company /		

OCT 0 2 2014

	declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request operator Horseshoe Operating, Inc.
	that the foregoing pressure information and statements contained on this application form are true and
corre	ect to the best of my knowledge and belief based upon available production summaries and lease records
of eq	uipment installation and/or upon type of completion or upon use being made of the gas well herein named.
1	hereby request a one-year exemption from open flow testing for the Virginia #1
	vell 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
	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
-1	further agree to supply to the best of my ability any and all supporting documents deemed by Commissio
staff	as necessary to corroborate this claim for exemption from testing.
Date:	9-3-14
Date.	
	\sim \sim \sim 1
i	Signature: Janual Ripley
I	Signature: And 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.

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