## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Te	est:						(See Instru	uctions on F	Reverse Sid	de)	,			•	
	pen	Flow								,					
	elive	rabilty				5-22	ate: -/2			A1 07	PI No. 15 <mark>1-20733-0</mark> 0	)-00		•	
Compar Horses		Oper	ating, Inc.					Lease Joy		· ·		. 1	Wel	l Number	
County Gree1	County Location Greeley SW SE				Sectio 6	n	TWP 20S		RNG (E/W) 39W		Acres Attributed				
Field Bradsh	aw					Reserv				Gas Ga	athering Con	nection		<del></del>	
Complet		ate			<del></del>		ack Total De	neh			Midstream				
6-16-20	000					2869	TĐ	pırı		Packer None	Set at				
4.5	ing Size Weight 10.5				Interna 4.090	Diameter	Set at 2887		Perforations 2830		то 2843				
Tubing 8 2.375				Internal	Diameter	Set at 2844		Perforations		То					
Type Cor Single			escribe)				uid Production		<u> </u>	Pump U	nit or Travelin Unit - Roc	g Plunger? Yo	es / N	0	
			inulus / Tub	ing)	· · · · · · · · · · · · · · · · · · ·		Carbon Diox	kide	<del></del>	% Nitro			Gravity	- G	
Annulu		// IX				<del></del>								□g	
Vertical [	Jeptn	(H)					Pres Flan	ssure Taps 1 <b>ge</b>	-			(Met	er Run)	(Prover) Size	
Pressure	Build	lup:	Shut in	5-	21 2	0/2 at_	8:08	(AN) (PM)	Taken	5-	22 20	12 at 8,	08	(AN) (PM)	
Well on L	ine:		Started	·	2	0 at _		(AM) (PM)	Taken	·	20	at		_ (AM) (PM)	
tala, I smale							OBSERVE	D SURFAC	E DATA			Duration of Sh	ıt-in	24 Hours	
Dynamic S		rifice Circle or Meter Size Prover Pre ches) psig (Pi		Differential in		Flowing	Well Head	Mollhood	Casing Wellhead Pressure		ubing ad Pressure	Duration		Liquid Produced (Barrels)	
						Temperature t	Temperature t	nperature   (P \ (P			(P <sub>t</sub> ) or (P <sub>c</sub> )	(Hours)	-		
Shut-In	.3	15				•			73.2	<u> </u>	1	24			
Flow															
	<u>-</u>	<del>г</del> -		т-			FLOW STR	EAM ATTR	IBUTES						
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd			Circle one: Meter or Prover Pressure psia		Press xtension P <sub>m</sub> x h	Gra Fac	tor 7	Flowing Femperature Factor	Devide Factor	tor	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
<del></del>		-		<u> </u>	•										
<b>(D.</b> )						(OPEN FL	OW) (DELIVI	ERABILITY)	CALCULA	TIONS		(P.	) <sup>2</sup> = 0.	207	
$(P_c)^2 = \underline{\hspace{1cm}}$		_:_	(P <sub>w</sub> ) <sup>2</sup>		<u> </u>	P <sub>d</sub> =	9	6 (P	<u>- 14.4) + </u>	4.4 =	<u> </u>		) <sup>2</sup> =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide	P <sub>2</sub> <sup>2</sup> - P <sub>y</sub> <sup>2</sup>	Backpressure Curve Slope = "n"or Assigned		n x L	og 📗	Antilog	De	Open Flow Deliverability Equals R x Antilog	
		<u> </u>		divided b	y: P <sub>0</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	by:	<u> </u>		rd Slope				ļ	(Mcfd)	
<del></del>							<del></del>		·	<del> </del>		· · · · · · · · · · · · · · · · · · ·			
Open Flow		* T .	<del></del>	Mc	fd @ 14.6	l 5 osia		Deliverabil	lity	<u> </u>		10fd @ 14.05	<u> </u>		
The ur	nders	gned	authority, o			******	lates that he			make the		ofd @ 14.65 ps		uladas - f	
ië facts sta	ited t	erein	, and that s				. Executed t		U	ay of	July	. anu mai ne na		vledge of 20 12	
द्राक्षण १८४८	n ard	ile)								nice	RI	les		ECEIVED	
			Witness (				· :	<del></del>	Jan .	juce	FortCor	mpany		1 3 2012	
		7	For Comm	nission					Tork Earl		Checke	ed by		2 4014	

KCC WICHITA

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l c	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	t status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and th	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	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
gas we	ll on the grounds that said well:
	(Check one)
	is a coalbed methane producer
	is a source of natural age for injection into an all transmits and in the second secon
	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
	To not supusion of producing at a daily fate in excess of 250 mc//D
. I fu	ther 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.
Date:	7-9-12
,	
	Signature: Janual Ripley
	Title: Production Assistant
	1100.

## 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.