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

Type Tes	t:			ı	(See Instruc	tions on Re	verse Side	)				
☐ Op	oen Flow	1										
De	liverabil	ty		Test Date	e: ~//				I No. 15 1 <b>-20205</b> — (	OOOO		
Company						Lease		<del></del>		,	Well Nu	ımber
	ioe Ope	erating, Inc.	ation	Section		Ross		RNG (E	AAA	3	A A	Attributed
County Greeley		C NE		16		18W		39W	744)		ACIES A	, KUIDAIĞO
Fleid Bradsha	w			Reservoi Winfield					thering Conne Lidstream		-	
Complete 9-17-80	on Date			Plug Bac 2987'	k Total Dept	ih		Packer :	Set at			
Casing S 4-1/2"	ize	Wels 10.5		Internal ( 4.052	Diameter	Set <i>a</i> 299		Perfo 291	orations O'	т <sub>о</sub> 2927'	,	
Tubing Si 2-3/8"	ize	Weig 4.7	ght	Internal I 1.995	Dlameter	Set a 282		Perio	rations	To		
Type Con Single -		(Describe)		Type Flu Water	ld Production	1		Pump U	nit or Traveling	Plunger? Yes	/ No	
Producing Annulus		Annulus / Tubi	ng)	% (	Carbon Dioxi	də		% Nitrog	jen	Gas G	ravity - (	3,
Vertical D					Pres	sure Taps	<del></del>			(Meter	Run) (P	rover) Size
Pressure	Buildup	Shut in	2-2	20 <u></u> at	9:00	(AM) (PM)	Taken	2-3	20	// at 9;	00	AM) (PM)
Well on L	.ine:	Started		20 at	·	(AM) (PM)	Taken		20	at	(	AM) (PM)
<del></del>					OBŞERVE	D SURFACI	E DATA	<del></del>		Duration of Shut	t-in 2	4Hours
Static /	Orific	Circle one	Pressure Differentia	Flowing	Well Head	Cas Wellhead		4	Tubing and Pressure	Duration		d Produced
Dynamic Property	Size (inche:	Prover Pres psig (Prr	sure in	Temperature	Temperature t	(P <sub>w</sub> ) or (P			r (P <sub>1</sub> ) or (P <sub>6</sub> )	(Hours)	1 '	Barrels)
Shut-In	.62	5					106	ļ		24		
Flow	<u>.</u>				EI OW STE	EAM ATTR	IDUTES	<u> </u>			<u></u>	
Plate		Circle one:	Dense.			Flowing					7	Flowing
Coeffied	lent	Meter or Prover Pressure	Press Extension	Gra Fac	· 1 •	Temperature		lation ctor	Metered Flow R	GOR (Cublc F		Fluid
(F <sub>b</sub> ) (F		psla	√ P_xh	F	•	Factor F <sub>ri</sub>	'	pv	(Mcfd)	Вале		Gravity G <sub>m</sub>
<u></u>		<del> </del>										
(P <sub>o</sub> ) <sup>2</sup> =		: (P <sub>u</sub> )²		(OPEN FL P <sub>a</sub> =	OW) (DELIV ,		) CALCUL <sup>2</sup> - 14.4) +				) <sup>2</sup> = 0.2 ) <sup>2</sup> =	07
			Choose formula 1 o	7 2:		Т.	ssure Curve		г л I		1	on Clau
(P <sub>e</sub> )2 - (I	P_)2	(P <sub>a</sub> )² - (P <sub>w</sub> )²	1. P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup>	LOG of formula	'		pe = "n"		LOG	Antilog		oen Flow iverability
(P <sub>e</sub> )² - (I	P <sub>a</sub> )2		2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - F	1, or 2, and divide by:	P <sub>0</sub> 2-P <sub>w</sub> 2		signed ard Slope			•		R x Antilog ( (Mcfd)
		<del> </del>	awasay. F <sub>a</sub> - r	<del>*</del>   9.	<u> </u>						<del> </del>	
			··				· · · · · · · · · · · · · · · · · · ·				-	
Open Flo	w		Mcfd @ 1	4.65 psla		Deliverab	ility			Mcfd @ 14.65 p	sia	
					•		uthorized 1	o make t	he above repo	rt and that he h	as know	rledge of
the facts s	tated the	erein, and that	said report is tr	ue and correc	t. Executed	this thec	ot	day of	1 rug	1.	, <sup>;</sup>	20 <u>[                                   </u>
<del></del>		Witness	(if any)		<del></del>	-		mic	e rip	Compan)	REC	EIVED-
						_				though his	*1*V-	<del>7 7 7011</del>

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to requexempt 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 correct to the best of my knowledge and belief based upon available production summaries and lease record equipment installation and/or upon type of completion or upon use being made of the gas well herein named thereby request a one-year exemption from open flow testing for the Ross #3  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  is on vacuum at the present time; KCC approval Docket No.
correct to the best of my knowledge and belief based upon available production summaries and lease reco of equipment installation and/or upon type of completion or upon use being made of the gas well herein nam I hereby request a one-year exemption from open flow testing for the Ross #3  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  is on vacuum at the present time; KCC approval Docket No.
I hereby request a one-year exemption from open flow testing for the Ross #3  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  is on vacuum at the present time; KCC approval Docket No.
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is on vacuum at the present time; KCC approval Docket No.
is not expelle of producing at a daily rate in average of OEO
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 Comm staff as necessary to corroborate this claim for exemption from testing.
Date: <u>5-24-11</u>
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.