KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:					(See Instru	ictions on Rev	erse Sia	le)		=			
Ope	en Flow													
Det	liverabilt	y			Test Dat	3				1 No. 15 5-20672-00-(00			
ompany orsesho	oe Ope	rating, Inc.				,	Lease Johnson	· · · · · · · · · · · · · · · · · · ·			1A	Well N	umber	
ounty amilton		Loc	cation	*	Section		TWP		RNG (E	E/W)		Acres	Attributed	
eld		E/2 \$	5VV		12 Reservo	ir	248		41W	thering Conn	action			
radshav					Winfield	d		·	Oneok	•	ection .			
ompletio '30/98					Plug Bad 2361' T	ck Total De D	pth		Packer	Set at				
asing Siz 5	ze	We 10.	ight 5		Internal 4.052	Internal Diameter 4.052		Set at 2360		orations 60-51	To 2320	то 2320-2 3		
ubing Size Weight 4.7				Internal Diameter 2.000		Set at 2333		orations	To					
	pletion (Describe)				id Production			232		2327			
ngle		·			Water		וזכ			unit or Traveling Unit - Rod	Plunger? Yes	/ No		
roducing nnulus		nnulus / Tut	oing)		% (Carbon Diox	kide		% Nitro	jen	Gas G	iravity - (3 _g	
rtical De						Pre	ssure Taps				(Meter	Run) (P	rover) Size	
A 10			Flange					· · · · · · · · · · · · · · · · · · ·	2"					
ressure E	Buildup:	Shut in	9-	<u>-/0</u> 2	o <u>∕</u> 3at_	1:00	- (AM) (PM) -	Taken	9-	20/	<u>/3</u> at/	00	(AM) (PM)	
ell on Lir	ne:	Started	-	20	0 at		(AM) (PM)	raken		20	at	((AM) (PM)	
					1 .	OBSERVI	ED SURFACE	DATA			Duration of Shut	t-in 2	4 Hour	
atic /	Orifice Size	Meter Prover Pressure		Pressure Differential	Flowing	Well Head	rature Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration	Liquid Produced (Barrels)		
	(inches)			in Inches H ₂ 0	Temperature t	Temperature t					(Hours)			
hut-in	500								psig	psia	24			
low												-		
						FLOW STE	REAM ATTRIE	UTES	·			!		
Plate Coeffiecient		Circle one: Meter or		Press Grav		ity Flowing		Deviation Meter		Metered Flow	ed Flow GOR		Flowing	
		Prover Pressure		Extension	i rac		Temperature Factor		Factor F		(Cubic Fe		Fluid Gravity	
Mcfd		psia		✓ P _m xh	F		F,,	r	pv	(Mcfd)	Barrel	G _m		
														
² =		(P _w) ²	_		(OPEN FLO		ERABILITY)			·· · · · · · · · · · · · · · · · · · ·) ² = 0.20	07	
				se formula 1 or 2:	T		<u></u>	14.4) +	14.4 =		(P _d)	<u> </u>		
(P _c)² - (P _a))² (P _c)² - (P _w)²	1.	P _c - P _a 2	LOG of formula		Backpress Slope		nxl				en Flow	
P _c)2- (P _d))2			. P _c ² -P _d ²	1. or 2. and divide	0.00	D 2 Assign] " ^ `	.00	Antilog	Deliverability Equals R x Antilog		
·			divide	d by: P _c ² - P _w ²	by:	P.2. P.2	Standard		<u> </u>			۱) ۰	Mcfd)	
							1							
						***				:	···	<u></u>		
n Flow	e grante in the	· · · · · · · · · · · · · · · · · · ·		/lcfd @ 14.6			Deliverabilit				lcfd @ 14:65 psi			
							,	orized to	make the	above report	and that he ha	s knowle	edge of	
acts state	ed there	in, and that s				Executed	this the	<u>1</u> d	lay of/	10vem	ull	, 2	<u> </u>	
Daviet 189	2018 (2013) 	Marke	e i Agenti. Rei Agenti	Σ.,		i kari		(an	ice R	ipleis	KC	C WIC	
		Witness					· .	//		For Co	neany	NN	V 2 1 2	
	W. Y. 2. 24	For Com	mission							Checke	ed by		v 65 6	

I declare under penalty of perj	rjury under the laws of the state of Kansas that I am authorized to request
exempt status under Rule K.A.R. 82	2-3-304 on behalf of the operator Horseshoe Operating, Inc.
and that the foregoing pressure in	nformation and statements contained on this application form are true and
	ge and belief based upon available production summaries and lease records
•	oon type of completion or upon use being made of the gas well herein named.
	xemption from open flow testing for the Johnson 1A
gas well on the grounds that said w	
(Check one)	
is a coalbed met	ethane producer
is cycled on plur	unger lift due to water
is a source of na	atural gas for injection into an oil reservoir undergoing ER
is on vacuum at	t the present time; KCC approval Docket No.
✓ is not capable of the 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 the	this claim for exemption from testing.
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·	
·	
Date: 11-19-13	
	Signature: Daniel Ripley
	Signature:Anice Ripley

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.