KCC WICHITA

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

Туре Те	st:						(See Instri	uctions or	n Rev	erse Side	<del>)</del> )					
□ o	pen Flo	w														
D	eliverat	oilty				Si Si	e: 10				API N 15-0	No. 15 <b>)71-20-7</b> 7	77~09	· 00		
Compan		Ope	erating, In	 1C.		_0/5/	10	Leas Wa	e llace	 9		77 20 77			Well No	ımber
County Greele			Loca NW			Section 22		TWP	,		RNG (E/V	V)			Acres	Attributed
Field Bradsh	naw					Reservoi						ering Conn		· · · · · · · · · · · · · · · · · · ·		
Completi 11/17/0		e				Plug Bac 2850	ck Total De	epth		<del> </del>	Packer Se	et at				
Casing S	Size		Weig 10.5				Diameter		Set at 2844		Perfora 2818		<del></del>	To 2826		
Tubing S 2.375	ize	<del></del>	Weig	ht		Internal I 1.995	Diameter		Set at 2840	1	Perfora			То		
Type Cor Single		n (D			= ""		id Producti				Pump Unit	or Traveling	Plunge	r? Yes	/ No	
	g Thru	(An	nulus / Tubir	ng)			Carbon Dio	xide			% Nitroge	n	······	Gas Gr	avity - (	Э <sub>0</sub>
Vertical C	-	1)					Pre	essure Tar	os					(Meter I	Run) (P	rover) Size
			Shut in	<u> </u>				•				_	-:-			
				•				$\overline{}$			•				•	(PM)
Well on L	ine:		Started		2	0 at		_ (AM) (F	PM) "	Taken		20	at		'	(AM) (PM)
							OBSERV	ED SURI	FACE	DATA	·····		Duration	n of Shut-	in d	4 Hours
Static / Dynamic Property	Orlfic Size (inche	9	Circle one: Meter Prover Press psig (Pm)	ure	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperatur	re (P <sub>w</sub> )	or (P <sub>1</sub> )	ressure ) or (P <sub>c</sub> )	Wellhead (P <sub>w</sub> ) or (	bing I Pressure P <sub>1</sub> ) or (P <sub>c</sub> )	1	ration ours)		d Produced Barrels)
Shut-In			, -5 (,					psig		99 39	psig	psia	2	4		
Flow															1	
							FLOW ST	REAM A	TTRIE	BUTES	<u> </u>	1			<u></u>	
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension  P <sub>m</sub> xh		Gravity Te Factor Te F <sub>g</sub>		emperature F		viation Metered Flo actor R F <sub>ev</sub> (Mcfd)		w GOR (Cubic Fee Barrel)			Flowing Fluid Gravity G <sub>m</sub>
		,		<u> </u>	*(	(OPEN FLO	OW) (DELI	VERABIL	ITY).	CALCUL	ATIONS			(P <sub>a</sub> ):	<sup>2</sup> = 0.2	.07
(P <sub>c</sub> ) <sup>2</sup> =		_:_	(P <sub>w</sub> ) <sup>2</sup> =		:	P <sub>d</sub> =		_%	(P <sub>c</sub>	- 14.4) +	14.4 =	<del>:</del>		(P <sub>d</sub> )	² =	
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(P	<sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. 2.	se formula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ $d by: P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>		Slope Slope Assi	sure Curve e = "n" or igned rd Slope	n x LC	oe [	An	tilog	Del Equals	pen Flow iverability R x Antilog (Mcfd)
Open Flow	<u>_</u>				Mcfd @ 14.6	55 psia		Delive	erabil	lity			Mcfd @	14.65 psi	a	
	···	ned	authority, o				tates that				to make the			·		ledge of
			n, and that s							<i>i</i> 1	day of _	ctoli				20 10
			Witness (	if any)		· · · · · · · · · · · · · · · · · · ·	<del></del>		_		Janic	U ITY	Company	<u>/</u>	RE	CEIVED
			For Comm	nission		1			_			Che	cked by		OCT	1 4 201

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 Wallace 3-22  gas well on the grounds that said well:
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
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gas well off 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
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: 10 11 10
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Signature: Janes 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.