KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:				(See Instructions on Reverse Side)								
Open Flow					Test Date	.		AI					
D ₁	eliveral	oilty			5-22	-12				1 No. 15 <mark>1-20805-0</mark> 0	0-00		
Compan Horses		Оре	erating, Inc	•	TATE OF	* A	Lease Foster				3-7	Well Nu	umber
County Greele	ý		Location SW	on ,	Section 07		TWP 20S	* 1	RNG (E		Taran da	Acres /	Attributed
Field (%)	YO:2	:			Reservoi Winfiel			la .		thering Conn Midstream	ection	. "	
Completi 1/11/05		te		· · · · · · · · · · · · · · · · · · ·		k Total Dept	íh		Packer	Set at			
Casing S 4.5	Size		Weight	·	Internal I 4.052		Set a 2890	t	Perf	orations 05-2819	To 2864-	2870	
Tubing S 2.375	ize		Weight		Internal 0 2.000	Diameter	Set at 2871		Perfe	orations	To		
Type Cor Single	npletio	n (D				d Production			Pump U	nit or Traveling	Plunger? Yes	/ No	
	g Thru	(An	nulus / Tubing)		arbon Dioxi	de	,	% Nitro	gen	Gas Gr	avity - (G _g
14				·	· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·		5 · \ /5	
Vertical E 2960						5 14 5	sure Taps					, ,	rover) Size
Pressure	Buildu	p:	Shut in	5-21 2	0 /2 at_	11:38	(PM)	Taken	5.0	22_20	12 at 11:3	38	(AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	1	(AM) (PM)
71 Says	i de la companya de l					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 2	4 Hours
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) pskq psia		Tubing ead Pressure or (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In						-		603	psig	рыа	24		
Flow												,	,
						FLOW STR	EAM ATTRI	BUTES					<u></u>
Plate Coeffieci (F _b) (F Mcfd	ent ,)	Cime one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Gravity Factor T F _g		Flowing emperature Factor F _{ff}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	(Cubic Fe	GOR (Cubic Feet/ Barrel)	
···						No. 1	<u>.</u>						
				•	•	OW) (DELIVI	ERABILITY)	CALCUL	ATIONS		(P _a)	² = 0.2	.07
(P _c) ² =	<u>'</u>	<u>-:</u>	(P _w) ² =	:	P _d = .		6 (P	- 14.4) +	14.4 = _		(P _d)	<u>'=</u>	
$(P_c)^2 - (P_a)^2$ $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		hoose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ wided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2: and divide p 2 p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
							s.'						
enthe co			etati a la la la										
Open Flov	V.	, . r.	**************************************	Mcfd @ 14.6	35 psia		Deliverabil	ity			Mcfd @ 14.65 psi	a	
he facts st	ated th	ereir		behalf of the		Executed		?/_	make to day of	he above repo	nt and that he ha	s know	ledge of 20 12 .
•			Witness (if a	iny)			and a constant		0	For C	company		
			For Commis	sion	······································	JUL (0 5 2012			Chec	ked by	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

KCC WICHITA

	der penalty of perjury u				to request
exempt status ur	nder Rule K.A.R. 82-3-30	04 on behalf of the	operator Horseshoe	Operating, Inc.	
and that the fore	egoing pressure informa	ation and stateme	nts contained on thi	s application form ar	e true and
correct to the be	st of my knowledge and	belief based upor	available productio	n summaries and lea	se records
of equipment ins	tallation and/or upon typ	e of completion or	upon use being mad	de of the gas well here	ein named.
l hereby requ	uest a one-year exempti	ion from open flow	testing for the Fos	er 3-7	* + 4
gas well on the g	rounds that said well:	• •			
(Chec	k one)			• *	
	is a coalbed methane	producer		••	
	is cycled on plunger	lift due to water	•		
	is a source of natural	gas for injection i	nto an oil reservoir u	ndergoing ER	
	is on vacuum at the p	resent time; KCC	approval Docket No.		
\checkmark	is not capable of proc	ducing at a daily ra	ate in excess of 250	mcf/D	
	ee to supply to the best ry to corroborate this cla			cuments deemed by	Commission
Date: 6-24	-12	7.			
7		Signature:	Janice Rip	ley	
		Title: Pro	duction 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.