KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	•				(See Instruct	ions on Re	verse Side))			
Open Flow Deliverabilty				Test Date: 3-7-13				API No. 15 075-20641-00-00				
Company Horses		perating,	Inc.		· · · · · · ·	, .	Lease Georg	e			1	Well Number
County Location Hamilton NW SW SE				Section 1				RNG (E/ 42W	W)		Acres Attributed 320	
Field Bradshaw					Reservoir Winfield				Gas Gathering Connection Oneok Field Services			
Completion Date 10/23/97				Plug Back Total Depth 2735				Packer S	let at			
Casing Si	asing Size Weight 5 10.5			Internal 0 4.052	Internal Diameter 4.052		Set at 2739		rations 3	то 2708		
ubing Size Wei .375 4.7			ight		Internal D 2.000	Diameter Set a 2710			Perforations		То	
Type Completion (Describe) Single - Gas				Type Flui Water	Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes / No				
/I . ·		innulus / Tu	bing)		% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	ravity - G _g
/ertical D				•			sure Taps	<i></i>	-		(Meter	Run) (Prover) Size
Pressure	Buildup:	Shut in		3-6 2	0/3 at /		(AM) (PM)	Taken	3-	-720/	13 at 10.	30 ((ANJ) (PM)
Well on Li	ne:	Started					(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut	-in 24 Hou
Static / Dynamic Property	Orifice Size (inches	Mete Prover Pro	Citate one: Meter Prover Pressure psig (Pm)		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_t) or (P_s) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	.500	_ 	,	Inches H ₂ 0			44	psia	parg	рыа	24	
Flow	~											<u></u>
			_		-	FLOW STR		RIBUTES				
Plate Coeffieck (F _b) (F _p Mcfd	· .	Climb one: Meter or Prover Pressure psia		Press Extension	Grav Fact F _s	tor T	Flowing Temperature Factor F ₁₁		riation actor	Metered Flow R , (Mcfd)	GOR (Cubic Fe Barrel)	eet/ Fluid Gravity
P _c) ² =	:	(P _w) ² =	:	(OPEN FLO	OW) (DELIV		') CALCUL P _c - 14.4) +		<u> </u>) ² = 0.207) ² =
(P _o) ² - (P or (P _o) ² - (P	(a) ²	(P _c)²- (P _w)²		ose formula 1 or 2: 1. P _c ² -P _a ² 2. P _c ² -P _d ² decloy: P _c ² -P _w ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Backpressur Slope = or- Assign Standard		nxi	x rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
		• • •	+									
pen Flow	<u> </u>		1	Mcfd @ 14.	65 psia		Deliveral	oility			Mcfd @ 14.65 ps	ia
	_	-						uthorized t		ne above repo	rt and that he h	as knowledge of
e facts st	ated the	ein, and tha	t said	report is true	and correct	t. Executed	this the	10-	day of _	iko	Pinle	, 20 <u>/ </u>
		Witne	ss (if an	y)					July 1	For	droparfi	KOO:
		For C	mmissk	on			,		-	Chec	cked by	KCC WIC

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exempt statu	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request us under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc. foregoing pressure information and statements contained on this application form are true and
of equipmen	e best of my knowledge and belief based upon available production summaries and lease records t installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the George 1
	he grounds that said well:
! further	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 agree to supply to the best of my ability any and all supporting documents deemed by Commission assary to corroborate this claim for exemption from testing.
Date: <u>6-/</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.