KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(See Instr	uctions on Re	verse Side	e)				
Oρ	Open Flow									4.01.1	u. 45			
Deliverabilty					Test Date: 1-3-14				API No. 15 . 071-20455-00-00					
Company Horseshoe Operating, Inc.						<i>/</i>	Lease Floyd			·	2	Well Number		
County Location Greeley C SE NW					Section 24		TWP 19S			RNG (E/W) 40W		Acres Attributed 640		
						Reservoir Winfield				Gas Gathering Connection DCP Midstream				
					Plug Bac 2941	Plug Back Total Depth 2941				Packer Set at None				
Casing S 4.5	asing Size Weight 5 10.5					Internal E 4.04	Diameter		Set at 2845		Perforations 2830		то 2841	
Tubing Si 2.375	ubing Size			Weight 4.7			Internal Diameter 1.995		Set at 2900		Perforations		То	
Type Completion (Describe)					Type Flui Water	Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Yes Rod				
Producing Annulus	-	(Anı	nulus / Tubin	ıg)		% C	arbon Dio	oxide	 	% Nitroge	in	Gas Gr	ravity - G	g
Vertical Depth(H)							Pressure Taps					(Meter	Run) (Pr	over) Size
2975						Flange				,	: u/ - 0:	<u> </u>		
Pressure		•	Shut in	4		•		2 (AM) (PM)				4 at 81	- ((PM)
Well on L	ine:		Started		20) at		_ (AM) (PM) -	Taken		20	at	(/	M) (PM)
•							OBSER	/ED SURFAC	E DATA		I	Duration of Shut-	in <u>2</u>	Hours
Static / Dynamic Property	Orifice Size (inches)		Circle one: Meter Prover Pressure		Pressure Differential in	in Flowing Temperature		Wellhead	Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _a)		Liquid Produced (Barrels)	
Shut-In	-In 150		psig (Pm)		Inches H ₂ 0				psig psia		psia	24	 	
Flow														
	_		L		·		FLOW S	TREAM ATTR	IBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension	Gravity Factor F _e		Flowing Temperature Factor F _{II}	Temperature Factor F		viation Metered Flow actor R F _{pv} (Mcfd)		eet/	Flowing Fluid Gravity G _m
														~_
(P _c)² =			(P _w)² :	=	•	(OPEN FLO	OW) (DEL	IVERABILITY) CALCUL ⊃ - 14.4) +) ² = 0.20	7
(P _o) ² - (P _a) ²		(P _c) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _a ²		LOG of formula 1, or 2.		Backpressure Curv				Antilog	Open Flow Deliverability Equals R x Antilog	
(P _c)²- (F	o _d)₂ ˙				2. P _c ² -P _d ² led by: P _c ² -P _d ²	and divide by:	P _c ² -P _e ²		signed lard Slope	_			_	Mcfd)
								-						
Open Flor	w_				Mcfd @ 14.6	55 psia	•	Deliverat	oility_		N	//cfd @ 14.65 ps	ia	
The I	unders	igned	d authority, o	n b	ehalf of the	Company, s	tates that	he is duly a	uthorized 1	to make the	e above repor	t and that he ha	as knowl	edge of
he facts s	tated t	herei	n, and that s	aid	report is true	and correc	t. Execute	ed this the	4	day of	mgy	St	, 2	0 <u>14</u> .
_		<u>.</u>	Witness	(if any	<i>y</i>)			. •		Janu	For	OLLY Impany KANSAS C	RECE ORPORA	VED NON COMMISS
			For Com	missio	- on				V		Check	red by	aug n	6 201 4
												r	.00 0	J

	clare under penalty of perjury under the laws of the state of Kansás that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and that correct to of equip	t the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the Floyd #2 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 is not capable of producing at a daily rate in excess of 250 mcf/D ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date:	8-4-14 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.