KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test:					(8	See Instruction	ons on Hev	erse side	7							
Open Flow Deliverability				Test Date: 7-18-12				API No. 15 15-071-20109 ~ 🗢 – 🗢								
Company					<i> - 8- </i>	<i>d</i>	Lease Fecht					, ,		ell Numb	er	
Horseshoe Operating, Inc. County Location			Section		TWP	TWP		RNG (E/W)			Ac	res Attr	ibuted			
Greeley C SE				28			18S		40W Gas Gathering Conne							
Field Bradshaw				Reservoir				DCP: Midstream Packer Set at								
Completion Date 5/11/76					Plug Back Total Depth 2952			None				То				
Casing Size Weight 4,5 10.5				Internal Diameter 4.052			it 3	Perforations 2882				2889 To				
Tubing Size Weight 2.375 4.7				Internal D 1.995	iameter	Set a 288 9		Perforations								
Type Completion (Describe) Single Gas				Type Fluid Water			Pump Unit or Traveling Pl Yes			Plunger						
Producing Thru (Annulus / Tubing)				% Carbon Dioxide				% Nitrogen				Gas Gravity - G				
Tubing Vertical D	epth(H)					Press	sure Taps				- "		(Meter R	un) (Pro	ver) Size	
Pressure Weli on Li			t in	-/ 7	/2 at _/	1:15	(AM) (PM)	Taken	-/	7-18	20	2 at at	1:15	2 (A	M) (PM)	
AAGN OU F		Jiai							_					0	Hours	
Static / Orifice Dynamic Size			Circle one: Meter	Pressure Differential	Flowing Temperature	OBSERVE Well Head Temperature	Weinead Fressure		Tubing Wellhead Pressure (P _w) or (P _c)		Duration of Shut-		Liquid Produced (Barrels)			
Property	(inche	Pro	ver Pressure psig (Pm)	Inches H ₂ 0	t	t	psig	psla	psla p				011			
Shut-In	.50	0						58.6	<u>식</u>		·-·	0	14	 		
Flow								DUTES						l		
	-		— Т			FLOW STE	REAM ATTI				·		GOR		Flowing	
Plate Coeffiecient (F _b) (F _p) Mcfd		Mei Prover	le one: ter or Pressure sla	Press Grave Face Face Face Face Face Face Face Fac		tor	Flowing Temperature Factor F _{IL}	mperature 1		eviation Metered File Factor R F _{pv} (Mcfd)		(Cubic Fo		et/	Fluid Gravity G _m	
					(OPEN FL	OW) (DELIV								² = 0.20		
(P _c) ² =		<u>.:</u>	(P _w) ² =	:	P _d =			(P _c - 14.4		4.4 =	 :	1	(P _a)			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_a)^2$		(P _c) ² - (P _w) ²		thouse formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ rolded by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide P 2. P		Backpressure Ct Slope = "n" 		n x LC		3	Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
							-	 					<u> </u>			
Open Flo				Mcfd @ 14.	65 psia		Deliver	ability_		<u> </u>		Mcfd (@ 14.65 ps	ia		
The	undersi			behalf of the	Company,			authorize		make the	above rep	ert and	that he h	as know	ledge of 20 <u>/2</u> . CEIVEN	
			Witness (if	any)				-	A	nicl	K	Company	y	0C	1 1 201	
	<u> </u>		For Commi	ssion							CI	necked by		KCC	WICHIT	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request 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 Fecht D-1 gas well 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 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.
Signature: Janice 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.