KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Te	st:						(See Instru	ctions on Rev	verse Side	e)				
Open Flow						Test Dat	to:			A D	, No. 15	•		
Deliverabilty					5-22-12						7	•		
Company Horseshoe Operating, Inc.						·		Lease Fecht	-,			B-2	Well Number	
County Greele	ey .		Location C SW			Section 10		TWP 19S		RNG (E/W) 40W		,	Acres Attributed	
Field Bradsh	naw					Reservoir Winfield					henng Conn Midstrea			
Complete 10/93	ion Da	ate)			Plug Back Total Dep 2976		th		Packer Set at None				
Casing S 4.5	Size		Weight 10.5			Internal 4.052	Internal Diameter 4.052		t)	Perforations 2898		то 290 5		
Tubing S 2.375	lze	•	Weight 4.7			Internal Diameter 1.995		Set at 2900		Perforations		То		
Type Cor Single		on (D	escribe)	scribe)			Type Fluid Production Water				Pump Unit or Traveling Pl		/ No	
Producing Thru (Annulus / Tubing) Casing						% Carbon Dioxide				% Nitrog	en	Gas G	ravity - G	
Vertical E		H)					Pressure Taps					(Meter	Run) (Prover) Size	
Pressure	Builde	1b:	Shut in	5- _a	212	o/2at/	12.05	(AM) (AM)	Taken	5-2.	2 20	12 at 12:1	05 (AM)((PM)	
Well on L	Jne:												(AM) (PM)	
********							OBSERVE	D SURFACE	DATA	· · · · · · · · · · · · · · · · · · ·		Duration of Shut	1-in 24 Hours	
Static / Dynamic Property	Orifice Size (inches)		Circle one: Mater Prover Pressure psig (Pm)		Pressure Differential in Inches H _a 0	Flowing Well Head Temperature Temperatur		Wellhead Pressure (P _w) or (P _t) or (P _a)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	37		7 2 1					paig	54.5 paig		psla	24	 	
Flow									-					
							FLOW STF	REAM ATTRI	BUTES				-1.:	
Plate Coeffiecient (F _k) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension P _m xh	Grav Fact F ₄	or Temperature		Fe	Deviation M Factor F _{pv}		GOR (Cubic F Barrel	eet/ Fluid	
				Ļ.					<u> </u>		_	<u> </u>		
(P _a) ² =		<u>_:</u>	(P _w) ² =		:	(OPEN FLO		ERABILITY)	• 14.4) +		<u></u> :) ² = 0.207) ² =	
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_d)^2$		(P _a) ² - (P _a) ³			particular for 2: Particular for 2: Particular for 2: LOG of formula for 2: 1. or 2: and divide		P.2. P.3	Stope	Backpressure Curve Stope = "n" 		.00	Antilog	Open Flow Deliverability Equals R x Antilog	
				divide	dby: P.ª - P.ª	by:	<u>[.,,,</u>	Standa	rd Slope	+	- L		(Mcfd)	
				•										
Open Flov	v		 .	٨	Acfd @ 14.6	5 psia		Deliverabil	ity			Mcfd @ 14.65 ps	ia	
					half of the (eport is true				クク	o make th	e above repo	t and that he h	as knowledge of, 20 <u>/2</u> .	
•			Witness (lf emy)				_	<u>Q</u> a	nice	Kipl	ey ompany	RECEIVER	
			For Corre	njecion					U			V.		
			For Comn	1252 (M)							Chec	ked by	JUN 2 5 20	

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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 B-2
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.
Date: 6-22-12
Signature: <u>Production</u> 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.