KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes						((See Insi	ruci	tions on Re	everse Side	9)				•	
Open Flow							Test Date:					API No. 15				
✓ Deliverability						06/08/2	06/08/2014 to 06/13/2014				071-20204 <i>-000</i>					
Company RX&XB		Но	orseshoe	e 0	peratir	ıg, Inc	•		Lease Fishma	n ·			#1	Well Nu	ımber	
County Greeley		Location C SE 1/4			Section 8			TWP 17S		RNG (E/W) 40W		Acres Attributed		Attributed		
Field Bradshaw							Reservoir Winfield			Gas Gathering Co DCP Midstream			nection			
Completion Date							k Total D	ept	h	Packer Set at			. •		 	
Casing S 4.5	ize	Weight 9.6			Internal Diameter 4			Set at 3062		Perforations 2974		To 2984				
Tubing Si		Weight			, Internal 1.995		Diameter		Set at SN-2993		Perforations		То		•	
						Type Flui	Type Fluid Production Salt Water				Pump Unit or Traveling Plunger? Yes / No No					
Producing Thru (Annulus / Tubing) Tubing							% Carbon Dioxide				% Nitrogen Gas Gravity - G _g					
Vertical Depth(H) 2979							Pressure Taps Flange				(Meter Run) (Prover) Size 2 inch					
Pressure	Buildup) :	Shut in 06	/08	2	0_14_at_1	2:15 P	M	(AM) (PM)	Taken_06	6/13	20	14 _{at} 6:30	PM	(AM) (PM)	
Well on L	ine:					0 at	at		(AM) (PM) Taken			20	at (AM) (PM)		(AM) (PM)	
							OBSEF	RVE	D SURFAC	E DATA	,		Duration of Shu	_{it-in} _126	6.25 Hours	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressure		Pressure Differential In	Flowing Temperature t	Well He Temperat		Casing Wellhead Pressure (P_w) or (P_1) or (P_c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₀)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	ıt-ln		psig (Pm)		Inches H ₂ 0				280	293.4	psig	psia	126.5	n/a		
Flow																
							FLOW	STR	EAM ATTR	IBUTES						
Plate Coeffictient (F _b) (F _p) Mctd		Circle one: Meter or Prover Pressure psia			Press Grav Extension Fact ✓ P _m xh F _g		or Temper		Flowing emperature Factor F _t	perature Factor F		Metered Flor R (Mofd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
<u> </u>					·											
P _e)² =			/P \2-	_		(OPEN FLO	, ,	LIVI %	ERABILITY	") CALCUL "a - 14.4) +				a)² = 0.2 d)² =	07	
$(P_o)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1	pse formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _c ² ad by: P _c ² - P _a ²	LOG of formula 1, or 2. and divide	LOG of formula 1, or 2. and divide P 2. P		Backpre Slo As	Backpressure Curve Slope = "n" or Assigned Standard Slope		roe	Antilog	Op Del Equals	Open Flow Deliverability Equals R x Antilog (Mofd)	
Open Flo						65 neia	_		Deliverat	nility			Metd @ 14.65 s	neia .		
<u> </u>							atotoo the	at h		-	a mala sh		Mcfd @ 14.65 p			
			o autnority, o						_		o make th day of O	•	ort and that he		1edge of 20 <u>14 .</u> .	
			Witness				. <u>-</u>		-		anic	re Ri	pley	,	Received ORPORATION COM	
			For Com		·							Che	cked by		3V -1-0-2 01	
								/						CONS	ERVATION DIVISI WICHITA, KS	

exempt and that correct for of equip	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc. 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. The reby requests a one-year exemption from open flow testing for the Fishman #1
	on the grounds that said well:
	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.
	0/28/2014
	Signature: <u>Jawiel Ripley</u> Title: <u>Production Assistant</u>

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.