KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruc	tions on Re	everse Side	9)				
= :	en Flow liverabilty			Jest Date	e: -/4				No. 15 20357-00-	00		
Company Horseshoe Operating, Inc.				Lease Hoffman					-	1-32	Well Number	
County Stecation Greeley CONESW			ion E SW	Section 32		TWP 18S			≘ (E/W) √		Acres Attrib	
Field Bradshaw				Reservoir Winfield				Gas Gathering Connection DCP Midstream				
Completion Date 2-12-1985				Plug Back Total Depth 3095				Packer Se None			- , ,	
Casing Size Weight 4.5 10.5			nt	Internal Diameter Set 4.052			at	Perfora 2902		To 2938	To 2938	
Tubing Size Weight 2.375 4.7			nt	Internal Diameter 2.000			Set at 2898		· Perforations		То	
Type Completion (Describe) Single - Gas				Type Fluid Production Water				Pump Unit or Traveling Plunger? Y			5 / No	
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide				% Nitroge			Gas Gravity - G _g	
Vertical Depth(H)				Pressure Taps Flange				(Meter Run) (Prover) 2"				
Pressure	Buildup:	Shut in	5-21 2	0/4 at /			Taken	5-6	12 20	/4 at /0.	35 (AN	
Well on L										at		
		<u> </u>		-	OBSERVE	D SURFAC	E DATA,			Duration of Shu	t-in_24	
Static / Dynamic Property	nic Size Meter rty (inches) Prover Pressu		Pressure Differential in Inches H ₂ 0	lemperature lemperature		Casing Wellhead Pressure (P _w) or (P _l) or (P _c)		Tubing Wellhead Pressure (P _x) or (P ₁) or (P ₀)		Duration (Hours)	Liquid Pi (Barr	
Shut-In	psig (Pm) Inches		inches H ₂ O			70	psia	psig	psia	24		
Flow												
				1	FLOW STR	EAM ATTR	IBUTES					
Plate Coeffice (F _b) (F Mcfc	ient p) Pi	Circle one: Meter or rover Pressure psia	Press Extension ✓ P _m x h	Gravity Factor F _b		femperature Fac		ination Metered Flow		W GOR (Cubic F Barre	eet/	
									-		~	
(P _c) ² =	:	(P _w)² =	:	(OPEN FLO	OW) (DELIVI %) CALCUL 14.4) +		:) ² = 0.207) ² =	
(P _c) ² - (l or (P _c) ² - (l	" ` " \ W'		Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_c^2$	LOG of formula 1. or 2. and divide p 2 p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope				Antilog	Open Deliver Equals R	
<u> </u>				_						·		
Open Flow Mctd @				65 psia	•	Deliverab	Deliverability		Mefd		@ 14.65 psia	
The	undersigne		n behalf of the	Company, s	t. Executed	e is duly au this the	uthorized to	o make the	phove repo	rt and that he h		
	= : : : : : : : : : : : : : : : : : : :	For Comm	ulssion	er i sage	AU	RPORATION CO G: 2.9 20 RVATION DIV	014	·	Chec	sked by		

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 Hoffman 1-32 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: 8-26-14 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, welfhead 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.

MW 62 9NV