KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				('See Instructi	ons on Re	everse Side	e)					
	n Flow verabilty			Test Date	14		API No. 15 15-071-20711 - 000 0						
Company Horseshoe Operating, Inc.			7 · _ ,	/	Lease Watso	~ 			Well Number				
County Location Greeley S/2 NE/4 SW/4			Section 19		TWP 20S	•		W)	Acres Attributed		Attributed		
Field Bradshaw			Reservoir Winfiel			Gas Gathering Conn DCP Midstream			ction				
Completion Date 11-11-1999			Plug Bac 2945 T	k Total Depth	1	Packer Set at							
asing Size Weight .5 10.5			Internal E 4.052	Diameter	Set at 2944		Perforations 2854-58		то 2865-7 0				
ubing Size Weight 4.7			Internal D 2.0000		Set at 2890		Perforations		То				
Type Completion (Describe) Single Gas			Type Fluid Water	d Production		Pump Ur Yes		Init or Traveling Plunger? Yes / No					
Producing Thru (Annulus / Tubing) Casing				% C	arbon Dioxid	le	% Nitrogen		en	Gas Gravity - G			
Vertical Depth(H)					Press Flang	ure Taps Je				(Meter Run) (Prover) Size			
Pressure B	Buildup:	Shut in	1-2 20	14 at _	8:00	(PM)	Taken	4-3	20/	4 at 8.	00	(PM)	
Well on Lin	ne: 	Started	20	at		(AM) (PM)	Taken		20 .	at		(AM) (PM)	
· · ·		, 			OBSERVED	SURFAC	E DATA		!	Duration of Shut	-in	14 Hours	
Static / Dynamic Property	Orifice Size (inches) Cincle one: Meter Meter Pressure Differential in psig (Pm) Inches H,0		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		1 .		id Produced Barrels)		
Shut-In	500					/ psig	psig psia ps 44.6		psta 24				
Flow					51 OW OTES								
		Circle one:		T	FLOW STRE		(IBUTES	·				T	
Plate Coeffiecie (F _b) (F _p) Mcfd		Meter or Pressure psia Press		Gravity Factor F		Temperature F.		viation Metered Flow actor R F _{pv} (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
				,	£**,								
° _c)² =		(P _w) ² =		-	OW) (DELIVE		•				$)^2 = 0.2$	207	
$(P_c)^2 - (P_a)^2 - (P_c)^2 - (P_d)^2 - (P_d$		P _c) ² - (P _w) ²	1. P _c ² -P _s ² 2. P _c ² -P _s ² violed by: P _c ² -P _c ²	P _d = . LOG of formula 1. or 2. and divide by:	P.2. P.2	% (P _c - 14.4) - Backpressure Curve Slope = "n" or Assigned Standard Slope				(P _d	Open Flow Deliverability Equals R x Antilog (Mcfd)		
		ur ur	, c w		<u></u>								
Open Flow Mcfd @ 14.6			5 psia		Delivera	Deliverability		Mcfd @ 14.65 psia					
		d authority, on					2	o make the	e above repor	and that he h	as knov	vledge of	
	-	Witness (if a	ny)			· ·		jani	For Co	mpally	R	eceived	
		For Commiss	sion	-,-					Check	KANSA ted by	SCORP	DRATION COMMI	

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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
gas well 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 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: 9-3-14 Signature: Januar 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.

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