KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Te	st:						(See Instruc	ctions on Rev	erse Side	e)					
Open Flow															
Deliverabilty					5-22) //ス	API No. 15 071-20788-00-00								
Compar					·····			Lease					Well No	ımber	
Horseshoe Operating, Inc.							Floyd A	١			3-25				
County Greele	y		Location NW SW			Section 25		TWP 198		RNG (E/W) 40W			Acres	Attributed	
Field Bradsh	naw						Reservoir Winfield				Gas Gathering Connection DCP Midstream				
9/16/0		ate				Plug Bar 2906	Plug Back Total Dep 2906			Packer S	set at				
Casing Size 4.5			Weight 10.5			Internal Diameter 4.052		Set at 2910		Perforations 2836		To 53		····	
Tubing Size 2.375			Wei 4.7	ight		Internal Diameter 2.000		Set at 278 3		Perforations		То			
Type Cor Single	npleti	on (D)escribe)			Type Fluid Production Water		ın		Pump Unit or Traveling Plunger? Ye			es / No		
	U (An		us / Tubing)			% Carbon Dioxid		ide		% Nitrogen		Gas Gravity - G			
Vertical D							Pres	sure Taps -lange				(Meter	(Meter Run) (Prover) Size		
Pressure	Build	ир:	Shut in	5	-21 2	<u>0/3</u> at/	0:33	(AM)(PM)	Taken	52	22 20	13 at 10%	<i>3</i> 3	AM) (PM)	
Well on L	ine:		Started		20) at		(AM) (PM) 1	Taken		20 .	at	((AM) (PM)	
v 1.	1.		Citcle on		Pressure		OBSERVE	D SURFACE				Duration of Shut	-in	34 Hours	
Static / Dynamic Property	Orifice Size (inches)		Meter Prover Pressure psig (Pm)		Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Wellhead Pressure (P _w) or (P _t) or (P _c)		Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	.60	35			1,20	· · · · · · · · · · · · · · · ·		psig psia 43.4		pskg pska		24	1		
Flow												,			
				.,			FLOW STR	EAM ATTRIE	UTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Gircle one: Meter or Prover Pressure psia			Press Extension P _m x h	Gravity Factor F _g				iation Metered Flow ctor R , (Mcfd)		(GOR (Cubic Feet) Barrel)		Flowing Fluid Gravity G _m	
(P _c)² =	···	_:	(P _w)²	=	<u></u> :	(OPEN FLC		ERABILITY) (CALCUL - 14.4) +		<u>.</u> :	(P _a) (P _d)	² = 0.2 ² =	07	
$(P_c)^2 - (P_n)^2$ or $(P_c)^2 \cdot (P_d)^2$		(P _c) ² - (P _w) ²		2	Choose tomula 1 or 2: 1. P_c^2 - P_a^2 2. P_c^2 - P_d^2 divided by: P_c^2 - P_w^2 LOG of tomula 1. or 2: and divided by: P_c^2 - P_w^2		P.2-P.2	Backpressure Curve Slope = "n"			og []	Antilog	Deli Equals	en Flow verability R x Antilog (Mcfd)	
	_								· 	-			"		
pen Flow Mcfd @ 14.65 psia							 Deliverabilit	ty		Mcfd @ 14.65 psia					
					half of the C				18	make the	above report	and that he ha	s knowl	ledge of	
										Jane	ce K	iples	'	· · · · · · · · · · · · · · · · · · ·	
			Witness	(if any)							For C	пралу	CC /	VICHIT	
			For Comm	niasion			·				Check	ed by	HIN 2	0 2012	

JUN Z U ZUIZ

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 Floyd A 3-25
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:

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.