RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes				((See Instruc	tions on Re	verse Side)					
☐ Deliverability ☐ Del						API No. 15 071-20675-00-00							
Compan		eratina In	<u> </u>	200	75_	Lease Floyd			. 20010 00	3	Well Number		
Horseshoe Operating, Inc. County Location Section Greeley C SE SW SW 24						TWP		RNG (E/W)			Acres Attribut	ed	
Field			244 244	24 Reservoi		198	Gas Gathering C DCP Midstrea		nering Conne	ection	640		
Bradshaw Winfield Completion Date Plug Back Tot							Packer S						
10/16/9 Casing S	Casing Size Weight Internal Diameter			Diameter	Set a	at	Perfo	rations	То				
4.5 Tubing S	ize	10.5 Weight			4.052		2868 Set at		ations	2843 To			
2.375		4.7		2.000 Type Fluid Production		2846		Pump Unit or Traveling Plunge			/ No		
Single -	Gas			Water	<u> </u>								
Producing	I	inulus / Tubin	g)	% C	arbon Dioxi	de	į.	% Nitroge	en	Gas G	ravity - G _g		
Vertical D						sure Taps				(Meter	Run) (Prover) (Size	
Pressure	Buildup:	Shut in	5-21 2	20 13 at _	8:44°	\sim	Taken	5-6	2A_20	13at 8!	44 (AM) (P	(M	
Well on L	ine:	Started	2	0 at		(AM) (PM)	Taken			at	(AM) (P	'M)	
					OBSERVE	D SURFACE	E DATA			Duration of Shut	1-in 24	Houn	
Static / Dynamic	Orifice Size	Circle one: Meter	Pressure Differential	Flowing Temperature t	Well Head Temperature	Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration		Liquid Produced	
Property	(inches)	Prover Pressi psig (Pm)	in Inches H ₂ 0		t	(P _w) or (P	psia	(P _w) or psig	or (P _t) or (P _c)	(Hours)	(Barrels)		
Shut-In	.500						40.6			24			
Flow											<u> </u>		
Plate		Circle one:	Press	Grav	1	EAM ATTRI	Devi	ation	Metered Flow	GOR	Flow	lng	
(F _b) (F _p Mcfd		Meter or over Pressure psia	Extension P _m x h	Factor F _o	tor Temperature Factor		Factor F _{pv}		R (Mcfd)	(Cubic Fo	Grav	vity	
	_	Polo		<u> </u>		F _{tt}					G _a	4	
	1 .			(OPEN FLC	W) (DELIVE	ERABILITY)	CALCUL	ATIONS		(P) ² = 0.207		
)2 =	:	(P _w) ² =	Choose formula 1 or 2:	P _d =_	%	1	c - 14.4) +	14.4 =	<u>:</u> : ,	(P _d			
(P _c) ² - (P _c) ²	[(P _w) ² - (P _w) ²	1. P ₂ ² -P ₃ ² 2. P ₂ ² -P ₃ ²	LOG of formula 1. or 2. and divide	Stope		e = "n" n x		og 🗍	Antilog	Open Flow Deliverability Equals R x Ar	ity	
			divided by: $P_c^2 - P_w^2$	by:	P.2-P.2		ird Slope				(Mcfd)	·	
en Flow		<u></u>	Mcfd @ 14.6	i5 psia		Deliverabi	lity		<u> </u>	Acfd @ 14.65 ps	ia		
The ur	dersigned	authority, on		: .	ates that he		<u> </u>	make the		t and that he ha		 of	
facts sta	ted therein	, and that sa	id report is true	and correct.	Executed t	his the	18 .	ay of	June	: 1.		<u>3</u> .	
							(1.	FAIA	の エイトス	181111			
,		Witness (if	апу)				-	uu	For Co	pany	KCC V	<u>///</u>	

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 3
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: 6-18-13
Signature: Janice 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.