RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			(See I	nstructions on Re	everse Side)					
Open i	Flow		Total Bases			ADLA	lo 15				
Deliverability Test Date: 5-22-13				₹	API No. 15 15-071-20047 <i>0000</i>						
ompany			J BAIL	Lease					Well Num	nhor.	
lorseshoe	Operating,	Inc.		Floyd				A-1	AAGU IADU	1061	
County Location			Section TWP			RNG (E/V	<i>(</i>)		Acres Attributed		
Greeley C NW			25 19S			40W			640		
Field Bradshaw			Reservoir Winfield			Gas Gathering Connection DCP Midstream					
Completion Date				Plug Back Total Depth			Packer Set at				
2/3/74			2923			None					
asing Size Weight 9.5		Internal Diamet		Set at 2949		Perforations 2846		то 285 6			
ing Size Weight		Internal Diamet		Set at		Perforations		То			
2.375 4.7			1.995 2883								
			Type Fluid Proc Water	Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes / No Yes				
	ru (Annulus / Tu	ıbing)		% Carbon Dioxide			% Nitrogen Gas Gravity - G				
nulus		_,								,	
rtical Depth	(H)			Pressure Taps				(Meter	Run) (Pro	ver) Size	
50				Flang.	<u>e</u>			3 4:	3"		
ssure Build	lup: Shut in _	5-21 2	o <u>/3</u> at <u>8:4</u>	AM (PM)	Taken	5-2	2 20/	3 at 8:4	16 1	M) (PM)	
III on Line:											
The Res	Giarreo	2i	V &\	(AW) (PW)	randii	··· Service po	a tipaday area a saar .	a pi bon taxodim		MARRIMOTORISMO	
			OBS	ERVED SURFAC	E DATA		D	uration of Shut-	-in <u>2</u>	<u>//</u> Hou	
atic / Orifice Citole one: Pressure Flowing Well H			sing	Tubing			1	11-12-5			
	ize Prover Pro		Temperature Temperature t			Wellhead Pressure (P _w) or (P ₁) or (P _a)		Duration (Hours)		Liquid Produced (Barreis)	
perty (inc	hes) psig (F	t I		psig	psla	psig	psia				
ut-In . 6	25				42.2			24			
low					/ /				1		
-	<u> </u>				<u> </u>				<u>.l.,.</u>		
		- 	FLOW	STREAM ATTR	(IBU)ES		.				
Plate peffiecient	Circle one: Meter or	Press Extension	Gravity Factor	Flowing Temperature	T		viation Metered Flow			Flowing Fluid	
(F _b) (F _p) Mcfd	Prover Pressur	P_xh	F	Factor		actor Fl F _{pv} (Mcfd)		(Cubic Fe Barrel)		Gravity	
MCIG	Paid			F _n						G _m	
				<u> </u>							
			(OPEN FLOW) (D	ELIVERABILITY) CALCUL	ATIONS	•	/D 1	$)^2 = 0.207$,	
=	: (P)		P _a =		P _a - 14.4) +		:	(P _a)		,	
		Choose formula 1 or 2:			Backpressure Curve					. Elem	
າ _ຂ }² - (P _a)² or	(P _c) ² - (P _w) ²	1. P _c ² -P _a ²	LOG of formula		pe = "n"	n x LO	e	Antilog	Open Flow Deliverability		
$(P_d)^2 \cdot (P_d)^2$		2. P _c ² P _d ²	1. or 2. and divide p 2 p	Assigned				rumog	Equals R x Antilog (Mcfd)		
		divided by: P.2 - P.2	by:	Stand	lard Slope						
									1		
n Flow Mcfd @ 14.65 psia			Deliverab	Deliverability Mcfd @ 14.65 psia							
The under-	ioned authority	on habatt -t al c	3amaan, -4-4 4				· · · · · · · · · · · · · · · · · · ·	1	···	-l	
		on behalf of the C			, 1 0	inake ine /		and that he ha	as knowle	oge of	
cts stated t	herein, and that	said report is true	and correct. Exec	outed this the	/0_0	lay of	june		, 20	12	
					(Janu	Ko, K.	inlan			
 -	Witnes	s (if any)				prim	For Core	barry K	CC N	/ICH	
					6	/	•	V	= • •		
	For Car	mmission					Checke	d by	JUN 2	0 2013	

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-1										
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										
is not supuble of producing at a daily face in excess of 200 may b										
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: Froduction 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.