RECEIVED

Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:				(See Instruc	tions on Rev	erse Side	e)				
Open F				Test Date	<u>u</u>				No. 15			
Delivera	ability			3-1-1	3			075	5-20634-000	00		
Company Horseshoe Operating, Inc.					Lease Hazlett					2	Well Number	
County Hamilton	•		Section 22			TWP 21S		W)		Acres Attributed 640		
				Reservoir Winfield			Gas Gathering Connection DCP Midstream					
Completion D	ate			Plug Bac 2834'	k Total Dep	th		Packer S	Set at			
Casing Size 1-1/2"			Internal E 4.000	Internal Diameter 4.000		Set at 2834'		rations 7 '	To 2823'			
Tubing Size	g Size Weight		Internal Diameter 2.000		Set at 2825'		Perforations		То			
	/pe Completion (Describe)				d Productio	. 	Pump Unit or Traveling Pump - Rod			g Plunger? Yes / No		
Producing Thru (Annulus / Tubing)			% C	% Carbon Dioxide						Bravity - G		
Annulus		_	•			, a					. ч	
Vertical Depth(H)			·····	Pressure Taps Flange				(Meter Run) (Prov 2"				
Pressure Build	dup:	Shut in	3-6 2	0 <u>13</u> at_			Taken	3-	720/	13 at 9.	30 (AM) (PM)	
Well on Line:	;	Started	21	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSERVE	D SURFACE				Duration of Shu	it-in <u>34</u> Hours	
Dynamic S	ifice lize ches)	Circle one: Pressure Meter Differentia Prover Pressure in psig (Pm) Inches H.,		Flowing Well Head Temperature t t		Wellbead Pressure		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-in 6	25	, , , ,	2			56	pala	pag	Politi	24		
Flow								<u> </u>				
	·				FLOW STE	REAM ATTRI	UTES					
Plate Coefficient (F _b) (F _p) Pr Mcfd		Circle one: Meter or ver Pressure psia	Press Extension P _m xh	Grav Fact F ₀	tor Temperature		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	v GOF (Cubic F Barre	eet/ Fluid Growth	
				(ODEN EL		EDADUITA	041 011	ATIONO	•		_	
o _c) ² =	:	(P _w) ² =_	;	`	, ,	ERABILITY) % (P.		14.4 =	·:	(P	$(a)^2 = 0.207$ $(b)^2 = 0.207$	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$			Choose formula 1 or 2: 1. P ² -P ² 2. P ² -P ² divided by: P ² -P ² by:		P.2. P.2	Stope (Assi	ackpressure Curve Slope = "n" or Assigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			nendo uy. 1 g - F w		<u> </u>							
Open Flow	en Flow Mcfd @ 14.65 psia				•	Deliverability				Mcfd @ 14.65 psia		
The under	signed	authority, on	behalf of the	Company, s	tates that h	e is duly auti	horized to	o make th	ne above repo	rt and that he	nas knowledge of	
e facts stated	thereir	n, and that sa	id report is true	and correct	. Executed	this the	2	day of	Jun	· /	, 20 /3	
	 ·	Witness (if	any)				\mathcal{C}	anu	e Ju	pley-	KCC WICH	
		For Commi	ssion				U		Chec	cked by	JUN 19 201	

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 Hazlett #2
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: 6-12-13
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.