**RECEIVED** 

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t <del>,</del>				. (	(See Instruct	tions on Rev	erse Side	∍)				
Op	en Flo	N			Test Date	<b>.</b>			API I	No. 15			
De	liverab	ilty			3-7-1	3				20568-0000	)		
Company <b>Horses</b> h		erati	ng, Inc.				Lease Hazlett				1	Well Number	
County Locati Hamilton C SE S								RNG (E/W) 41W		Acres Attributed 640			
Field Bradshaw						Reservoir Winfield			Gas Gathering DCP Midstrea		ection		
Completion Date 9-29-95					Plug Bac 2783'	Plug Back Total Depth 2783'			Packer Set at				
Casing Si 1-1/2"	ize	<del></del>	Weight 10.5		Internal 0 4.052	Internal Diameter 4.052		Set at <b>2793</b> '		ations	To 2773		
	bing Size		Weight		Internal I	Diameter			Perforations		То		
2-3/8 Type Completion (Describe			4.7			2.000 Type Fluid Production		2774'		Pump Unit or Traveling Plu		lunger? Ves / No	
Single - Gas			scribe)		Water					Pump - Rod		, 140	
Producing Thru (Annulus / Tubing)				% C	% Carbon Dioxide				% Nitrogen Gas Gravity - G <sub>g</sub>				
Annulus Vertical D				<del> </del>		Pros	sure Taps			<del></del>	(Meter	Run) (Prover) Size	
vertical D	epu (i	,				Flan	•				2"	71017 (1 10101) 0120	
Pressure	Buildu	o: 8	Shut in	3-6 2	0/3 at_	9:00	(AM) (PM)	Taken	3	-7 20/	13 at 9:0	00 (AM) (PM)	
Well on L	ine:	s	Started	2	0 at		(AM) (PM)	Taken	·	20	at	(AM) (PM)	
		•				OBSERVE	D CHDEACE	DATA			Duration of Shut	in 24 Hours	
Static / Orifice			Circle one: Pressure		Flowing Well Head		Casing		Tubing				
ynamic Size		•	Meter Prover Pressui	Differential re in	Temperature Temperature		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Property	(inche	es)	psig (Pm)	Inches H <sub>2</sub> 0	t	t	psig	psia	psig	psia			
Shut-In	.50	0	i				45				24		
Flow													
						FLOW STR	EAM ATTRI	BUTES					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  Prover Pressure psia		Press Extension ✓ P <sub>m</sub> xh	Extension Fac		Flowing Femperature Factor	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	GOR (Cubic Fo Barrel	eet/ Fluid	
			·					-					
			<b>_</b>		(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS '	<del></del>		) <sup>2</sup> = 0.207	
P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> )² =_	<u>:</u>	P <sub>d</sub> =		% (P	- 14.4) +	14.4 =	:	_	)2 =	
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>		(P <sub>c</sub> ) <sup>2</sup> · (P <sub>w</sub> ) <sup>2</sup>		Thoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$	LOG of formula 1, or 2, and divide	formula 1. or 2.		Backpressure Curve Slope = "n" or Assigned		og 🗍	Antilog	Open Flow Deliverability Equals R x Antilog	
	J.	·	a	ivided by: $P_c^2 - P_w^2$		P <sub>c</sub> <sup>2</sup> · P <sub>w</sub> <sup>2</sup>		rd Slope		L -		(Mcfd)	
Open Flov	<u> </u>			Mcfd @ 14.	65 psia	•	Deliverabi	itv			Mcfd @ 14.65 ps	sia	
		anod	authorit: a-	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	states that h			o make the	·		as knowledge of	
		-	•	d report is true				5	day of	Jun	L A	, 20 <u>/3</u>	
							_		anic	e K	pley	CC WICH	
			Witness (if	апу)			_	7	T	For C	pany (		
	·		For Commis	sian		<del></del>				Chec	ked by	JUN 19 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 Hazlett #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  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: Anicl 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.