KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					(See Instruct	tions on Re	everse Side	a)··		1	
Open	Flow			Toet Dat	0: 4			ADI	.~ No.15		
Deliverabilty				4-3-14			API No. 15 15-071-2011()- <i>0000</i>	
Company Horseshoe Operating, Inc.				/ /-	- /	Lease Sell				B-1	Well Number
ounty Location reeley C SE		on /	Section 3		TWP 17S		RNG (E/W)			Acres Attributed 640	
ield Bradshaw			, -	Reservoir U. Ft. Riley			Gas Gathering Connection DCP Midstream 123				
Completion Date 1776				Plug Back Total Depth 3050				Packer Set at None			
ising Size	g Size Weight 10.5			Internal Diameter 4.09		Set at 3049		Perforations 2994		то 3000	
bing Size	ng Size Weight 4.7			Internal Diameter 1.995		Set at 3045		Perforations		То	
ype Completion (Describe)				Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Yes			
roducing Thru (Annulus / Tubing)				% Carbon Dioxide				% Nitrogen Gas Gravity - G _g			
inulus rtical Depi 50	th(H)	.			Press	sure Taps				(Meter	Run) (Prover) Size
essure Bu	ıildun:	Shut in	1-2 2	0/4 at_	8:00	AMI (PM)	Taken	4	3 20	14 at 8;0	O (AM) (PM)
ell on Line	·				,					at	
,					OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 34 Hours
amic	Orifice Size Inches)	Circle one: Meter Prover Pressur	1 ""	Flowing Well He Temperature Tempera		i Mollhood Broccure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration Liquid Produc (Hours) (Barrels)	
nut-in . (625	psig (Pm)	Inches H ₂ 0			psig	/30	psig	psia	24	
low			_							<u> </u>	
					FLOW STR	EAM ATTF	RIBUTES	<u></u>			-l
Plate Coefficcient (F _b) (F _o) Pr		Circle one: Melar or Prover Pressure psia Prover Pressure		Grav Fact F ₀	or T	Flowing Temperature Factor Fit		lation actor	Metered Flow R (Mcfd)	GOR ' (Cubic Fe Barrel)	
	ļ			(OPEN EL (OW) (DELIVE) CALCIII	ATIONS	•		
² =	 :_	(P _w) ² =_	:	P _d =			P _c - 14.4) +		<u>:</u> .	(P _a)	2 = 0.207 2 =
P _c) ² - (P _a) ² or P _c) ² - (P _d) ²	1 ')²• (P_)²	1. P _c ² -P _s ² 2. P _c ² -P _s ² vided by: P _c ² -P _s ²	LOG of formula 1, or 2.	P ₅ - P _w .	Slo As	essure Curve pe = "n" - or signed lard Slope	n x l	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
			-	ļ							
en Flow			Mcfd' @ 14.0	35 osia	<u> </u>	Deliveral				 Mcfd @ 14.65 ps	
The und	lersigned	l authority, on			tates that he			o make ti		nyand that he ha	
acts state	ed therei	n, and that said	d report is true	and correct	. Executed t	this the	<u>/5.</u>	day of _/	Upril), A 1	$\frac{1}{20}$, 20 $\frac{14}{14}$.
		Witness (if a	my)	<u></u>		-		ani	CO K	Company Company	CC WICH
		For Commiss					/	<u>/</u>			APR 17 2014
		LAI COMBIRS	avi)		•				Chec	ked by	RECEIVE

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 theSell_B-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
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: 4-/5-/4
Signature: <u>Production Assistant</u>

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.

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