KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instru	ctions on Re	everse Side,)					
□ Ор	en Flow				Took Date				API N	o 15				
Deliverability Jest Date:					7	071-20822-00-00				00		_		
Company Horsesh		erating, Inc.					Lease Clift B		1	-	3-34	Well Number	_	
County Location Greeley C SE				Section 34		TWP 18S			RNG (E/W) 40W		Acres Attributed			
Field Bradsha	w		·		Reservoi Winfield				Gas Gathering Conr DCP Midstream		ection			
Completion Date						k Total De	pth	th Packer Set at						
3/15/07					2911	Diameter.	0-4	Set at Perforations			То			
Casing Size I.5		Weight 11.600			4.000	Internal Diameter 4.000		2914		2881;		2882-2890		
			eight '00		Internal I 1.995	Internal Diameter 1.995		Set at 2897		Perforations		То		
Type Completion (Describe) Single - Gas				Type Fluid Product Water			on	Pump Unit or Trave Pump Unit - Ro			Plunger? Yes	/ No	_	
		Annulus / Tut	oing)		% (Carbon Dio	xide		% Nitroger	1	Gas Gr	avity - G _g	_	
Casing Vertical D	epth(H)					Pre	essure Taps				•	Run) (Prover) Size	_	
							nge		4.7	<u> </u>	2"	,	_	
Pressure	Buildup	: Shut in	_4	-6 2	oat	8:45	_ (AM) (PM)	•	4-7		11 at 8:4			
Well on Li	ine:	Started		2	0 at	····	_ (AM) (PM)) Taken	<u> </u>	20	at	(AM) (PM)	_	
-						OBSERV	ED SURFAC	CE DATA			Duration of Shut-	in_24 Hour	rs	
Static /	Orific	Ze Prover Pressure		Pressure Differential	Flowing	Well Head	Molibaa	asing d Pressure	Tubing Wellhead Pressure (P _e) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)		
Dynamic Property	Size (inche:			e in	Temperature t	Temperature t	re (P _w) ∝ ((P,) or (P,)						
Shut-In	•	s, psig (P	m)	Inches H ₂ 0			psig	97.5	pslg	psia	24		-	
Flow						 		177.5				<u> </u>	1	
rion						EL OW ST	REAM ATT	DIDITES	<u> </u>	J	<u> </u>	<u> </u>		
Plate Coeffiecient (F _b) (F _p)		Circle one: Meter or Prover Pressure		Press Gra Extension Fac		vity Flowing Temperature Factor		Devi Fa	lation ctor	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	Gravity		
Mefd		psta		√ P _m xh	- F		Fn	 -	(Mcfd)			G _m	-	
					(OPEN FL	OW) (DELI	IVERABILITY	Y) CALCUL	ATIONS		(P.)	² = 0.207	_}	
P _e)2 =		: (P _w)	² =	:	P _d =		_% ((P _e - 14.4) +	14.4 =	:	_	² =	7	
(P _c) ² - (F or (P _c) ² - (F	٠	(P _c)²- (P _w)²		ose formula 1 or 2: 1. P _c ² · P _s ² 2. P _c ² · P _c ² led by: P _c ² - P _c ²	LOG of formuta 1. or 2. and divide by:	P. 2. P. 2	Sk	ressure Curve ope = "n" or ssigned dard Slope	n x LO	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
			3-70		† ···	<u> </u>		•						
Open Flow Mcfd @ 14.65 psla							Deliverability Mcfd @ 14.65 psia						_	
The u	ndersig	ned authority,	on be	ehalf of the	Company, s	states that	he is duly a	uthorized to	make the	above repo	rt and that he ha	as knowledge of		
e facts st	ated the	rein, and that	said (report is true	and correct	t. Execute	d this the		tay of	June	1	, 20 <u>//</u> REC	EIVEI	
		Witnes	s (if any					<u>Ja</u>	nice	KIP	Description of the second	JUN		
•										·	V deadles		. ∪ Zl 	
		For Co	nmissio	n						Chec	ked by	KCC M	VICH	

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 Clift B 3-34 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: $6-8-11$
signature: <u>Janice Ripley</u> Title: <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.