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

Type Te	st:				(See Instru	ctions on Re	everse Side	9)					
	pen Flo	w		Test Dat	'A'			A DI	No. 16				
	Deliverability 5-22-									PI No. 15 5-071-20103 - 🗢 - 🝮			
Compar Horse		Operating,	inc.			Lease Clift				1-9	Well N	umber	
	County Location  Greeley C NE			Section 9		TWP 19S		RNG (E/W) 40W			Acres Attributed 640		
Field Bradsl	Bradshaw Winfie			Reservo Winfie				Ges Gathering Connection DCP MLdefream					
				Plug Bac 2939	Plug Back Total Depth 2939			Packer Set at None					
Casing 5 4.5	Size	We 10.	light 5	Internal 4.04	Diameter	Set at <b>2959</b>		Perforations 2885		то 2898	то 2898		
Tubing S 2.375		4.7	ight	Internal ( 1.995	Diameter	Set at 2908		Perforations		То		<del></del> -	
Single	Gas	(Describe)	<u> </u>	Type Fluid Production Water			Pump Unit or Traveling Plunge Yes			Plunger? Yes	er? Yes / No		
Producin Annulu		(Annulus / Tub	oing)	% C	Carbon Diox	ide		% Nitroge	en	Gas G	ravity - (	3,	
Vertical [ 2960	Depth(H)		<del></del> :		Pres	sure Taps			<u> </u>	(Meter	Run) (P	rover) Size	
Pressure	Bulldup	: Shut In	5-21:	0/2at/	12:10	(AM) (PM)	Taken	5-2	2 20	12 at 12.	10	AM) /FM	
Well on L	ine:	-	2	G								(AM) (PM)	
		- <u>.                                     </u>		,	OBSERVE	D SURFAC	E DATA			Duration of Shut	-in _a	4 Hours	
Static / Oynamic Property	nic Size Proves P		Differential	Flowing Temperature t	Well Head Temperature t	Wellhead (P <sub>w</sub> ) or (F	sing Pressure () or (P <sub>a</sub> )	Wellhea (P <sub>w</sub> ) or	ubing ad Pressure (P,) or (P,)	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	.500					psig	61.5	psig	pala	24	<del> </del> -		
Flow													
					FLOW STF	EAM ATTR	IBUTES						
Plate Coeffied (F <sub>b</sub> ) (F Mord	ient ,)	Citch one:  Mater or Ex  Prover Pressure psla		Factor		Flowing Femperature Factor F <sub>II</sub>	Fac	ation ctor	Matered Flow Fl (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
		· ·		(OPEN FLO	DW) (DELIV	ERABILITY	) CALCUL		<del></del>				
P <sub>e</sub> )* =	<del>-</del>	: (P <sub>w</sub> )²	Choose formula 1 or 2:	Pas		% (F	- P <sub>c</sub> - 14.4) +	14.4 =	<del>:</del> :	(P <sub>a</sub> ) (P <sub>d</sub> )	) <sup>2</sup> = 0.2(	07 ————	
(P <sub>a</sub> ) <sup>2</sup> - (F or (P <sub>a</sub> ) <sup>2</sup> - (F	5.7 <sub>5</sub>	(P <sub>a</sub> )* - (P <sub>a</sub> )*	1, P.*-P.* 2, P.*-P.* awload by: P.*-P.*	LOG of formula 1, or 2, and divide by:	P.2. P.2	Šlog	ssure Curve pe = "n" - 07	n x L	og [ ]	Antilog	Delit Equals	en Flow verability R x Antilog Mcfd)	
				<u> </u>	·			<del> </del>	<u></u>	<del></del>	<del> </del>	<u> </u>	
pen Flov	<u></u> _		Mcfd <b>@</b> 14,6	i5 psia	7	Deliverab	oifity			Mcfd @ 14.65 ps	ia		
The u	ndersign	ed authority.	on behalf of the		ates that h			make the	*****			odae	
			sald report is true				クク	lay of	June	A and trat no na	, 2	euge of	
	<u>.                                    </u>	Witness	fit areA		<u> </u>	_	Qa,	nice		es		JUN 2 5	
		************	A. 20.12.)				//		// For C	omparjy		JUJE / "	

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 1-9  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 mct/D  I further agree to supply to the best of my ability any and all supporting documents deemed by Commissionstaff as necessary to corroborate this claim for exemption from testing.  Date: 1-32-12
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staff as necessary to corroborate this claim for exemption from testing.  Date: $6-32-12$
Date: 6-22-12
Carries Proles
Danies Riplas
Signature: 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.