KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	ions on Reve	erse Side)			
□ Op	en Flo	w			Test Date				ΑĐΙ	No. 15	_	
De	liverab	ilty			2-3-1	7				I-20172 - (<u> </u>	<u> </u>
Company		erat	ing, Inc.				Lease Ross				2	Well Number
County Greeley			Location C SW/4 NW/4		Section 5		TWP 18S		RNG (E/W) 39W		Acres Attributed 640	
Field Bradsha	ıw				Reservoir Winfield				Gas Gas	hering Conn lidstream	ection	
Completion 7-5-79	on Dat	e			Plug Bac 2965'	k Total Dept	h		Packer S	Set at		
Casing Size 4-1/2"			Weight 10.5		Internal Diameter 4.052		Set at 3003'		Perforations 2909'		то 2 925 '	
Tubing S 2-3/8"	ize .		Weight 4.7		internal E 1.995	Diameter	Set at 2883		Perfo	rations	То	
Type Cor Single -		n (De	escribe)		Type Flui Water	d Production	1		Pump Ui	nit or Traveling	Plunger? Yes	/ No
	_	(Anr	nulus / Tubing)	% C	arbon Dioxid	de		% Nitrog	jen	Gas Gr	avity - G _g
Annulu:						Proce	sure Taps				/Motor I	Run) (Prover) Size
Vertical D	Jeptn(F	1)				Press	sure raps				(Meter I	Runj (Prover) Size
Pressure	Buildu	p: :	Shut in	2-2 2	0 // at 8	1:50	(AM) (PM)	Taken	2-	3	11 at 8:3	55 (AM) (PM)
Well on L	.ine:	;	Started	, 2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFACE				Duration of Shut-	in 24 Hours
Static / Dynamic	Orifi Siz (inch	0	Circle ans: Meter Prover Pressui	Pressure Differential re in	Flowing Temperature	Well Head Temperature	Casin Weilhead P (P,) or (P,)	Tessure	Wellha	Tubing ead Pressure r (P,) or (Pa)	Ouration (Hours)	Liquid Produced (Barrels)
Property Shut-In	.50		psig (Pm)	Inches H ₂ 0	<u> </u>	•	psig	78	psig	psla	24	
Flow	1-20			<u> </u>	-			7-				
l	1				<u></u>	FLOW STR	EAM ATTRI	BUTES	J			<u>.</u>
Plate			Circle one:	Press	Grav	rity	Flowing	1	lation	Metered Flor	y GOR	Flowing
Coeffled (F _b) (F		Pro	Meter or ver Pressure	Extension Pxh	Fac F	cor	femperature Factor		ctor	R (Mcfd)	(Cubic Fe Barrel)	Gravity
Mefe	1		psla	m A ''		<u>'</u>	F,,		P*	(***********		G _m
<u></u>			l		(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS	<u></u>		2 0 007
(P _e) ² =		_:	(P _w) ² =_	:	P _d =			- 14.4) +		;	(P _a)	² = 0.207 ² =
(P _e) ² · (•	(F		1. P.2. P.2 2. P.2. P.2			Stope	sure Curve = "n" or	l n x	roe	Antilog	Open Flow Deliverability Equals R x Antilog
(P _e)²-(P _a) ²			Midded by: P.2 - P.	and divide	P.2 - P.2		igned rd Slope	_			(Mcfd)
					-	·	<u> </u>					
							5 "	••		- -	N-51 @ 44.05	<u> </u>
Open Flo			-	Mcfd @ 14.			Deliverabil				Mcfd @ 14.65 ps	
		_	-	behalf of the				211	o make t	he above repo	ort and that he ha	s knowledge of
						<u>.</u>			anic		ley	DECEIVED.
			Witness (if	any)				0		/ For	Company	INLULIA ED
			For Comm.	ssion			_			Che	cked by	MAY 27 2011

KCC WICHITA

exempt status und and that the foregoing correct to the best of equipment insta	der Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc. Going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.
gas well on the gr	ounds that said well:
	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
	Signature: <u>Quice Riply</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.