KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruc	tions on Rev	erse Side)				
□ or	en Flo	w			Toet Date	.,			ΔÞ	i No. 15			
De	elivera	bilty			7/26	7//				1-20675-0	0-00		
Company		Орє	erating, Inc	2.	1001		Lease Floyd		. **		3	Well Number	
County Greele	у	-	Locat C SE	on SW SW	Section 24	•=···	TWP 19S		RNG (E	/W)		Acres Attributed 640	
Field Bradsh	aw			, , , , , , , , , , , , , , , , , , , ,	Reservoi Winfie l				Gas Ga	thering Conn Aidstream	ection HII Tours		
Completi 10/16/9		te		, ,	Plug Bac 2869	k Total Dept	th		Packer				
Casing Size Weight 4.5 10.5				it	Internal I 4.052	Diameter	Set at 2868		Perforations 2835		то 2843		
Tubing Size . 2.375			Weigh	t .	Internal E 2,000	Diameter Set at 2846			Perforations		То		
Type Con Single -			escribe)		Type Flui Water	Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes No				
Producing	g Thru	(Ani	nulus / Tubing	3)	% C	% Carbon Dioxide			% Nitrogen Gas Gravity - G _g				
Vertical C	epth(i	H)					sure Taps Una C				(Meter (Run) (Prover) Siz	:0
Pressure	Buildi	ıp: :	Shut in	125 2	0 // at _/			Taken	7/2	<u>6</u> 20	// at 7:0	30 (AM) (PM))
Well on L	ine:	;	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM))
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in 34 Ho	urs
Static / Oynamic Property	Orif Siz (inch	:0	Citcle one: Meter Prover Pressu psig (Pm)	Pressure Différential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casir Wellhead P (P _w) or (P ₁)	ressure	Wellho	Tubing ead Pressure or (P ₁) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)	t
Shut-In	.50	20					47				24		
Flow							<u> </u>				, 		
					•	FLOW STR	EAM ATTRI	BUTES		,			_
Plate Coeffieclent (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psta		Press Extension P _m x h	Grav Fact F ₀	or 1	Flowing Devia Factor F ₁₁		ctor R		v GOR (Cubic Fe Barrel)	Graultu	
	,				_,		<u> </u>			<u> </u>			_
(P _a) ² =		_;	(P _w)²=		(OPEN FLO		ERABILITY) % (P _e	CALCUL - 14.4) +		:	(P _a) ⁻ (P _d)-	2 = 0.207 2 =	
(P _e) ² - (F or (P _e) ² - (F	2 ₄) ²	(P	္)²- (P္ဗ္)²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 \cdot P_d^2$ finished by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Stope	or gned	. пх	rod	Antilog	Open Flow Deliverability Equals R x Antike (Mcfd)	og
		<u></u>		·									
Open Flow Mcfd @ 14.				65 psia		Deliverabil	Deliverability		Mcfd @ 14.65 psia			_	
		_	n, and that sa	id report is true	, ,		•	2	o make to	Rigir	art and that he ha	s knowledge of	-•
			Witness (if	any)						Far	Company	DE6-	
			For Commi	ssion						Chec	cked by	KECEIVEL)

AUG 1 1 2011

exemp	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	pment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the Floyd 3
	ell 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
l fu	orther agree to supply to the best of my ability any and all supporting documents deemed by Commissi
staff as	necessary to corroborate this claim for exemption from testing.
Date: _	8/2/11
	Signature: Anice 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.