## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:					(	See Instruc	ctions on Re	everse Sid	e)				
<b>✓</b> Op	en Flo	N									41- 45			
De	liverab	ilty				Test Date 8/13/11	:				No. 15 3-20384-00	000		
Company Priority		Ga	as LLC					Lease Harkir	ns			2-16	Well Number	
County Cheyer			Loca NE/N			Section 16		TWP 4S		RNG (E.	<b>(</b> )	,	Acres Attributed	
Field Cherry		k				Reservoir Beeche	er Island	· · ·			hering Conne y Oil & Gas			
Completic 01/27/0		е				Plug Back	C Total Dep	oth	••	Packer S	Set at			
Casing S 4.5 in			Weig 10.5			Internal E 4.052	iameter Set at 1450			Perforations 1217		то 1256		
Tubing Size			Weig			Internal C	Diameter	eter Set at		Perforations		То		
Type Cor single (		n (D	escribe)			Type Fluid	d Production	on		Pump U	nit or Traveling	Plunger? Yes	/ <b>No</b>	
	• •	(An	nulus / Tubir	ıg)		% C	arbon Diox	cide		% Nitrog	jen	Gas Gra	avity - G	
casing						.90				3.87		.601		
Vertical D	Pepth(F	i)					Pre	ssure Taps				(Meter F 2 in.	Run (Prover) Size	
Pressure	Buildu	,	Shut in 8/		20	11 at 2:	35	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on L	.ine:		Started 8/	3	20	11 at 3:	:19	_ (AM) (PM)	Taken			at		
							OBSERV	ED SURFAC	E DATA			Duration of Shut-	in 24.73 Hours	
Static / Dynamic			Circle one: Meter Prover Pressure		Pressure Differential .	Flowing [cmperature	Well Head Temperature	Wellhead	Casing Welthead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing ead Pressure	Duration (Hours)	Liquid Produced (Barrels)	
Property	(inch	es)	psig (Pm		Inches H <sub>2</sub> 0	t	t	psig	psia	psig	r (P <sub>1</sub> ) or (P <sub>c</sub> )	(10013)	(Darreis)	
Shut-In														
Flow	.37	5						143	157.4					
	1		<b></b>	<del></del>		<del></del> :	FLOW ST	REAM ATT	RIBUTES			<del></del>		
Plate Coeffied (F <sub>b</sub> ) (F Mofd	ient ,)	Pro	Circle one Meter or over Pressure psia		Press Extension Pmxh	Grav Fact F <sub>q</sub>	or	Flowing Temperature Factor F <sub>11</sub>	F	viation actor F <sub>pv</sub>	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_m	
										•				
(P <sub>c</sub> ) <sup>2</sup> =	,	_:	(P <sub>w</sub> ) <sup>2</sup>	<u></u>		(OPEN FLO		VERABILITY _% (	•	LATIONS + 14.4 =	:	(P <sub>a</sub> ) <sup>;</sup>	<sup>2</sup> = 0.207 <sup>2</sup> =	
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_a)^2$			(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		2. P <sub>2</sub> <sup>2</sup> P <sub>2</sub> <sup>2</sup> 1. P <sub>2</sub> <sup>2</sup> P <sub>2</sub> <sup>2</sup> 2. P <sub>2</sub> <sup>2</sup> P <sub>2</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> · P <sub>w</sub> <sup>2</sup>	Sid A	Backpressure Curv Slope = "n" or Assigned Standard Slope		.og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
		<del></del>										····		
Open Flo	W				Mcfd @ 14.6	55 psia		Delivera	bility			Mcfd @ 14.65 psi	a	
The	unders	igne	d authority.	on b	ehalf of the (	Company, s	tates that	he is duly a	uthorized	to make t	ne above repo	rt and that he ha	s knowledge of	
the facts s	tated t	here	in, and that :	aid	report is true	and correc	t. Execute	d this the	30th	day of	Septem	ber R	, 20 <u>//</u>	
			Witness	(it any	v)		***************************************			lels		Mcfd @ 14.65 psi	ECEIVED T 1 9 2011	
			For Corn										1 1 3 5011	
												KCC	WICHITA	

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt statu	s under Rule K.A.R. 82-3-304 on behalf of the operator Priority Oil & Gas LLC
nd that the	foregoing pressure information and statements contained on this application form are true and
orrect to the	best of my knowledge and belief based upon available production summaries and lease records
	t 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 Harkins 2-16
gas well on t	he grounds that said well:
(0	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
	agree to supply to the best of my ability any and all supporting documents deemed by Commission
statt as nece	essary to corroborate this claim for exemption from testing.
Date: 09/30	/2011
<u> </u>	
	~1 · 1 · 4
	Signature: Mulnin & Burg

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 GENVED signed and dated on the front side as though it was a verified report of annual test results.

OCT 19 2011 KCC WICHITA