KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

3

Type Test	t:				(-	See Instruct	tions on Re	verse Side)				
Open Flow			Test Date:				ADI	No. 15					
✓ Deliverabilty			Test Date: July 6, 2010				33214720	000					
Company		ora	tion, Inc.				Lease Merrill	Ranch			#2-34	Vell Nun	nber
County Comanche			Locati NE SE		Section 34		TWP 33S			W)	Acres Attributed		
Field Shimer					Reservoir Cherok	ee Chert	ţ	Gas Gathering Co Oneok			ection		
Completion 6/09/06		le			Plug Back 4932	k Total Dept	th		Packer Set at				
Casing S 4 1/2"	ize	Weight 10.5#			Internal Diameter 8rd			Set at 4998		rations 0-35	То		
Tubing S 2 3/8"	ize	Weight			Internal Diameter		Set at 4818		Perforations		То		
Type Cor Perf Sir			escribe) e Gas Well		Type Flui	d Production	n			it or Traveling	Plunger? Yes	/ No	
	g Thru		nulus / Tubing		% C	arbon Dioxi	ide		% Nitrog	en	Gas Gra	avity - G	9
Vertical E		l)		······		Pres	sure Taps				(Meter F	Run) (Pro	over) Size
Pressure	Buildu										10 at 8:00		
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(<i>P</i>	M) (PM)
						OBSERVE	D SURFAC				Duration of Shut-i	in	Hours
Static / Orifi Dynamic Siz Property (inch		e Prover Pressure		Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)		
Shut-In			, , ,	2			942	956.4	parg	рзіц			
Flow													
<u> </u>				1		FLOW STR		RIBUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension √ P _m x h	Gravity Factor F _g		Temperature Factor		iation Metered Flow ctor R = (Mcfd)		GOH (Cubic Feet/		Flowing Fluid Gravity G _m
					•	OW) (DELIV		-			-	2 = 0.20)7
(P _c) ² =		_:_	(P _w) ² =	Choose formula 1 or 2	P _d =			P _c - 14.4) +		<u> </u>	(P _d) ²	· =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_w² 	LOG of formula 1, or 2, and divide	P _c ² -P _w ²	Backpressure Curve Slope = "n"or Assigned Standard Slope		n x l	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w			Mcfd @ 14.	65 psia		Delivera	bility			Mcfd @ 14.65 psi	a	
									o make th day of <u>A</u>		rt and that he ha		edge of
ine tacts s	stated t	nere	iii, and that s	aid report is true	e and correc	RECE		n	uay UI		(, ,	,	
	···········		Witness (if any)		, <u>, , , , , , , , , , , , , , , , , , </u>	IVEL			For	Company		
			For Comm	nission		DEC 2	3 2010			Che	cked by		

KCC WICHITA

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 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 theMerrill Ranch #2-34
gas well on the grounds 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 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: 08/10/10
RECEIVED DEC 2 3 2010 Title: President KCC WICHITA

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.