KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	lons on Reve	erse Side)			
✓ Op	en Flo	w			Tool Date				ADI	No. 15		
De	liverat	ilty			Test Date October	5, 2011				.21247 <i>~ (</i>	$\bigcap\bigcap\bigcap\bigcap$	
Company John O		mer	r, Inc.			<u> </u>	Lease Patterso	 on			1-33	Well Number
County Haskell			Location SE NE		Section 33		TWP 30S		RNG (EA	W)	ı	Acres Attributed
Field	_				Reservoir Morrov			PRO	Gas Gath	ering Conn	ection Rock Ga	<u>ر</u> (*ر
Completic 9-23-99		e			Plug Bac 5525	k Total Dept	h		Packer S	et at		
Casing S 4.500	ize		Weigh 10.50		Internal 0 4.052	Diameter	Set at 5569		Perfor 5405		то 5411	
Tubing Si	ze		Weigh 4.700		Internal (1.901	Diameter	Set at 5400		Perfor	ations	То	
Type Con Single	npletio	n (Di	escribe)			d Production			Pump Uni	it or Traveling	Plunger? Yes	/ No
<u> </u>	Thru	(And	nulus / Tubing)	, -	arbon Dioxi			% Nitroge	en	Gas Gr	avity - G
Tubing			•	•	0.320				9.120		0.692	•
Vertical D	epth(F	1)					sure Taps					Run) (Prover) Size
5407						Flan	-				3.071	
Pressure	Buildu	Ε.	Situt III		0 11 at 1		_		ctober 5		11 at 12:00	(AM (PM)
Well on L	ine:		Started Oct	ober 6 2	o <u>11</u> at		(AM) (PM) 1	raken <u>U</u>	cioper 6	20	11 at 12:00	(AM) (N)
					1	OBSERVE	D SURFACE		r		Duration of Shut-	in Hours
Static / Dynamic Property	Orifi Siz (inch	æ	Circle one: Meter Prover Pressu- psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _u) or (P _t)	ressure	Wellhea	ubing d Pressure (P,) or (P,)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	1.2	50	Meter				404.75		378.00		24	
Flow					ı							<u> </u>
						FLOW STR	EAM ATTRIE	BUTES				
Plate Coeffied (F _b) (F Motd	ient ,)		Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor T	Flowing Temperature Factor F ₁₁	Fa	ation ctor	Metered Flov R (Mcfd)	w GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m
					•	OW) (DELIV	ERABILITY)					= 0.207
(P ₆)2 =		<u>=:</u>	(P _*) ² =	:	P _d =	<u></u>	(P _c - 14.4) + 14.4 =			: :	(P _d) ²	<u>'= </u>
(P _a) ² - (F or (P _a) ² - (F	•	(P	' _v)² - (P _w)²	1. P _a ² - P _a ² 2. P _a ² + P _d ² wided by: P _a ² - P _a ²	LOG of formula 1, or 2, and divide	b.s. b.s	1	= "n" r gned	n x L	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mctd)
				• • • • • • • • • • • • • • • • • • • •	<u> </u>							· · · · · · · · · · · · · · · · · · ·
Open Flor	 u			Mcfd @ 14.	 65 peia		Deliverabili	tu			Mcfd @ 14.65 psi	
					•						•	
		-	-	behalf of the			-		make the day of No	•	rt and that he ha	s knowledge of, 20 11
12010 01			une thus su	ope.t 10 114t	. 22 301100	Enough	/	Ylak	2 9 - 5	Farme	工工	
			Wilness (if	апу)				J			Company	RECEIVED
			For Commi	sion			_			Chec	cked by	IOV 0 9 2011

KCC WICHITA

exempt status	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator <u>John O. Farmer, Inc.</u>
of equipment ir I hereby re	est of my knowledge and belief based upon available production summaries and lease records istallation and/or upon type of completion or upon use being made of the gas well herein named. quest a one-year exemption from open flow testing for the Patterson 1-33 grounds that said well:
[[] I further ag	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 aree to supply to the best of my ability any and all supporting documents deemed by Commission ary to corroborate this claim for exemption from testing.
Date: <u>Novemb</u>	
	Signature: President

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.

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