KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Reve	rse Side)				
√ Op	en Flo	w			T 0				ADI	No. 15			
De	liverat	ilty			Test Date October	: :16, 2011				NO. 15 1 -21, 23 1-0	00-00		
Company John O		mer	r, Inc.		- " - "		Lease Patterso	วก			1-28	Well Number	
County Haskell			Location 2317' FSL & 2309' FW		Section 28		TWP 30\$		RNG (E/W) 31W		Acres Attributed 160		
Field					Reservoir			P	Gas Gat	nering Conn	ection Pock	Gas")	
Completion 01-20-9		e			Plug Bac 5513	k Total Dept	h		Packer S	et at			
Casing S 4.500	ize		Weigh 10.50		Internal D 3.927	Diameter	Set at 5575		Perfor	rations	то 5424		
Tubing St 2.375	ize		Welgh 4.700		Internal E 1.995	Diameter	Set at 5417		Perfo	rations	То		
Type Con	nnietio	n (De				d Production			Pump Un	it or Traveling	Plunger? Yes	/ No	
perfs w					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•				,		
Producing Thru (Annulus / Tubing) Tubing				% C 0.130	% Carbon Dloxide 0.130			% Nitrogen 9.468			Gas Gravity - G .699		
Vertical E	epth(F	1)				Pres	sure Taps				(Meter F	Run) (Prover) Size	
5417 Pressure	Doilde		Shut in Oct	ober 16	n 11 at 1	2:00	(414)	_{Tokan} Oc	ctober 1	6 20	11 at 12:00	(AMY(PM))	
Well on L											11 at 12:00	(AM) (PM)	
						OBSERVE	D SURFACE	DATA	······································		Duration of Shut-i	nHours	
Static / Dynamic Property	Orifi Siz (inch	8	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 _w) or (P ₁)	ressure or (P _e)	Wellher (P _*) or	ubing ad Pressure (P ₁) or (P ₅)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	0.8	75	Meter	micros rigo			188.00	psia	psig 68.50	psia	24		
Flow													
						FLOW STR	EAM ATTRIE	BUTES					
Plate Coefflec (F _b) (F Mcfd	lent ,)	Pro	Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m xh	Grav Faci F _a	or T	Flowing emperature Factor F _{it}	Fac	ation ctor	Metered Flow R (Mcfd)	v GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m	
									l				
				-	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS			= 0.207	
(P _o)² =		<u>=:</u>	(P _w) ² =	: Choose formula 1 or 2	P _e =	<u> </u>	% (Р _с	· 14.4) +	14.4 =	:	(P _d) ²	<u></u>	
(P _p) ² - (I or (P _e) ² - (I	-	(F)²- (P _w)²	1. P _a ² - P _a ² 2. P _a ² + P _a ² divided by: P _c ² + P _a ²	LOG of formula 1. or 2. and divide	P. 2 - P. 2	Backpress Slope c Assig	= "n" r gned	nxl	.00 [] 20.	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
		-											
					1		<u> </u>						
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabili	ty			Mcfd @ 14.65 psia	<u>a</u>	
		-	•	n behalf of the aid report is true						e above repo ovember	rt and that he has	s knowledge of	
m u idula 5	iaigu (10161	ה, מוש וומו 52	na raport is trut	, and conde	. Exceuted	ss	al	# 7	MML :	町 _		
	*****		Witness (i	any)		_		<u> </u>	V-P-	ForC	Company	ECEIVED	
4			For Comm	ission						Chec	cked by	OV 0 9 2011	

KCC WICHITA

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request sunder Rule K.A.R. 82-3-304 on behalf of the operator <u>John O. Farmer, Inc.</u>
and that the correct to the of equipmen	foregoing pressure information and statements contained on this application form are true and best of my knowledge and belief based upon available production summaries and lease records tinstallation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the Patterson #1-28
	he 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
	agree to supply to the best of my ability any and all supporting documents deemed by Commissions are to corroborate this claim for exemption from testing.
Date: <u>Nove</u>	Signature: All Faur Tritle: 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.

RECEIVED

NOV 0 9- 2011