RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(See Instruci	tions on Reve	erse Side)			
Ор	en Flow			Test Date	a·			ΔPI I	No. 15		
De	iverabilty			09/14/1					07-23151-0	00-00	
Company WOOLS		RATING CO	MPANY, LLC			Lease LOGAN				3-X	Well Number
County Location BARBER S2 N2 NE			Section 19		TWP 34S	· · · · · · · · · · · · · · · · · · ·		V)		Acres Attributed	
Field STRANATHAN			Reservoir MISSIS:	SIPPIAN		Gas Gathering APC		ering Conn	ection		
Completion Date 7/3/07				Plug Bac 4957	th	Packer Set at NONE		et at			
Casing Size Weight 4.500 10.50					Internal Diameter 4.052		Set at 4895		ations	To 4564	
Tubing Size Weight 2.375 4.70			Internal C	Internal Diameter 1.995		Set at 4595		ations	То		
Type Completion (Describe) SINGLE			Type Flui	Type Fluid Production WATER, OIL			OPE Pump Uni PUMPI	it or Traveling	Plunger? Yes	/ No	
Producing	Thru (An	nulus / Tubing	g)		Carbon Dioxi	de		% Nitroge		Gas G	ravity - G _g
ANNUL Vertical D					Pres	sure Taps				(Meter	Run) (Prover) Size
4559		na/	14/13				٥	1/15/12			
Pressure Well on L		Shut in 09/								·	(AM) (PM)
Well Off E	ine.	Sianeo	2	U al		(AM) (PM)	iaxen		20	at	(AM) (PM)
Static / Orifice Circle one: Pressure Flowing Well Head Casing									Tubing		-in Hours
Static / Dynamic Property	Size (inches)	Meter Prover Pressu psig (Pm)	Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		(P _w) or (P _t) or (P _c)		Wellhead Pressure (P _w) or (P ₁) or (P ₀)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In		poig (i iii)	monos 11 ₂ 0			psig 80	psia	psig 55	psia	24	
Flow											
					FLOW STR	EAM ATTRI	BUTES			· · · · · · · · · · · · · · · · · · ·	
Plate Coeffiect (F _b) (F Mcfd	ent ,) <i>Pr</i>	Circle one: Meter or rover Pressure psia	Press Extension P _m xh	Grav Fac F	or Temperature		Fa	eviation Metered Flow Factor R F _{pv} (Mcfd)		v GOR (Cubic Fo Barrel	eet/ Fluid Grouity
									·		
(P _c) ² =	:	(P _w) ² =	·;	(OPEN FL		'ERABILITY) % (P	CALCUL - 14.4) +		:	(P _a (P _d) ² = 0.207) ² =
(P _c) ² - (f or (P _c) ² - (F	P _d) ² (P _c)²- (P _w)²	Choose formula 1 or 2 1. P _c ² - P _e ² 2. P _c ² - P _d ² divided by: P _c ² - P _e ²	LOG of formula 1, or 2, and divide		Slope Assi	sure Curve e = "n" origned rd Slope	nxL	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
						<u> </u>					
Open Flor		- خاسمنافرو ام	Mcfd @ 14.	· · · · · · · · · · · · · · · · · · ·	110100 11-4 L	Deliverabil	-	n male H		Mcfd @ 14.65 ps	
			n benair of the					day of DE	CEMBER	n and that he h	as knowledge of, 20 <u>13</u> .
		Witness (i	if any)			_	U	Im R		auch	KCC WIC
											1,00

	sclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
and tha	t 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
	reby request a one-year exemption from open flow testing for the LOGAN 3-X
	l 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 rther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date: <u>1</u>	2/09/13 Signature: Work Hallaryke
	Title: FIELD MGR.

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.