KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	::					6	See Instruc	tions on Re	verse Side)					
Open Flow						Test Date	Test Date: API No. 15								
Deliverabilty					10/1/14	•		15-007-23686-0000							
Company WOOLSEY OPERATING COMPANY, LLC							Lease JAHAY				Well Number 4				
County Location BARBER SW NW					Section 31		TWP 33			W)	Acres Attributed				
Field KOCHIA				Reservoir MISSISS	SIPPIAN		Gas Gathering Conne APC			ection		<u>-</u>			
Completion Date 6/6/11				Plug Back 4988	k Total Dep	oth	Packer Set at NONE		Set at						
Casing Size 5.500			Weight 15.500			Internal Diamete 4.950		Set at 5032		Perforations 4596		то 4666			
Tubing Size 2.875			Weig 6.500			Internal D	lameter	eter Set at 4582		Perforations OPEN		То			
Type Completion (Describe) SINGLE				Type Flui	d Productio	on	Pump Unit or Travelli PUMPING			ng Plunger? Yes / No					
Producing Thru (Annulus / Tubing) ANNULUS					% C	% Carbon Dioxide			% Nitrogen			Gas Gravity - G			
Vertical Depth(H) 4550								Pressure Taps				(Meter Run) (Prover) Size			
Pressure	Buildu	p:	Shut in 09	/30/	/14 20	0 at		(AM) (PM)	Taken_10	0/1/14	20	at		(AM) (PM)	
Well on Line:			Started 20		0 at	at		AM) (PM) Taken		20	20 at		(AM) (PM)		
							OBSERVE	ED SURFAC	E DATA			Duration of Sh	ıut-in	Hours	
Static / Dynamic Property	amic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	remperature (P _w) or (P		ressure Wellhead Press or (P_o) (P_w) or (P_1) or (P_1)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			paig (1 iii)	'	IIIOIIOS FI ₂ O			240	psia	200	psia	24	-		
Flow												<u> </u>			
							FLOW ST	REAM ATTR	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fact	or Temperature		Fa	Deviation Factor F _{pv}		Metered Flow Gr R (Cubi (Mcfd) Bar		Flowing Fluid Gravity G _m	
	ļ					(ODEN EL	OW (DEL)	VERABILITY	CALCUI	ATIONS					
(P _c) ² =		<u>_:</u>	(P _w) ² :		: <u></u> :	P _d =			° - 14.4) +		:		$P_{d}^{2} = 0.1$ $P_{d}^{2} = 0.1$	207 	
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_d)^2$		(F	(P _c)²- (P _w)²		ose formula 1 or 2: 1. $P_c^2 - P_a^2$ LOG of formula 2. $P_c^2 - P_d^2$ 1, or 2. and divide by: $P_c^2 - P_w^2$		P _c ² - P _w ²	Slop	Backpressure Curve Slope = "n" 		rog	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	 w				Mcfd @ 14.	65 psia		Deliverat	oility			Mcfd @ 14.65	psia		
•		ana	d authority a				tates that	<u> </u>		o make ++	ne above rend	ort and that he		wledge of	
		-	-					d this the 1			CTOBER	H nn		29 <u>14</u> . Received	
			Witness	(If any	/)			-		wn	2 / <u>C</u> For	Company	ACAG PAGE	ORPORATION COM	
			For Com	missio	n			-			Che	ecked by	U(CT_2_2_201	
													CONS	ERVATION DIVIS WICHITA, KS	

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the JAHAY 4 ounds 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 eto supply to the best of my ability any and all supporting documents deemed by Commission of to corroborate this claim for exemption from testing.
Date: 10/15/14	Signature: Un L Hallay A. 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.