## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it: pen Flow	,		·	See Instruc	tions on Re	verse Side	•	No. 45			
Deliverability Test Date: 8/14/13						API No. 15 15-007-20794 <b>~ 0000</b>						
Company PETROLEUM PROPERTY SERVICES INC.						Lease WATKINS				Well Number		
County Location BARBER C NW SW			Section 20		TWP RNG (E 31S 11W		/ <b>W</b> )		Acres Attributed			
Field ILS			Reservoi LWR D	r OUGLAS		Gas Gathering Conne WEST WICHITA G			ection AS GATHERING LLC			
Completion Date 9/01/79				Plug Bac 3632	Plug Back Total Depth 3632			Packer Set at NONE				
Casing Size W 4.5 10			ht Internal Diameter 4"			Set at 3634		Perforations 3616		то 3622		
Tubing S 2.375	Tubing Size Weig 2.375 4.7		ht	Internal Diameter 2"		Set at 3615		Perforations OPEN		То		
				,,	Type Fluid Production WATER			Pump Unit or Traveling Plunger? Yes / No PUMPING UNIT				
Producing Thru (Annulus / Tubing) %					% Carbon Dioxide			% Nitrogen 6.519			Gas Gravity - G <sub>g</sub> 0.655	
Vertical D		<del></del> <u>-</u>		Pressure Taps				0.019		(Meter	Run) (Prover) Size	
Pressure Buildup: Shut in 8/14			14 ,	FLANC						3" 13 9:00 (AM) (TEO)		
Well on L	·									at	(AM) (PM) (AM) (PM)	
					OBSERVE	D SURFACI	E DATA			Duration of Shut-	-inHours	
Static / Dynamic Property	Orifice Size (inches	Meter Prover Press		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		posg (r m)	Therita Fig.			750	764.4	psig	psia	· · · · · · · · · · · · · · · · · · ·		
Flow												
	-	•		•	FLOW STR	EAM ATTR	IBUTES					
Plate Coeffiecient (F <sub>b</sub> )(F <sub>p</sub> ) Mofd		Mater or  Prover Pressure psia  Press Extension  Pmx h			F <sub>n</sub>		ature Factor		Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	Gravity	
				_]			<u> </u>					
(P <sub>c</sub> ) <sup>2</sup> =		: (P <sub>w</sub> ) <sup>2</sup> :	=:	•	OW) (DELIV	•	) CALCUL <sup>2</sup> c - 14.4) +		:	(P <sub>a</sub> ) <sup>*</sup> (P <sub>d</sub> )*	<sup>2</sup> = 0.207	
(P <sub>c</sub> ) <sup>2</sup> - (I		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2:  1. P2 - P2 2. P2 - P2 divided by: P2 - P2 divided by: P2 - P2 by:		Backpressu Slope or P2 P2 Assig		ssure Curve be = "n" orsigned ard Slope	= "n" rn gned n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	low Mcfd @ 14.65 psia			Deliverability			Mcfd   14.65 psia					
•		ned authority, o		•	tates that he		•	make th		rt and that he ha		
			aid report is true					//	EDTEMBER		20 13	
		Witness	(if any)		K	CC WA	CHIT	4	Forg	Ompany	/	
****	-	For Com	nission		S	EP 16	2013		Chec	ked by		

**RECEIVED** 

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 PETROLEUM PROPERTY SERVICES 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 the WATKINS #1  gas well on the grounds that said well:
(Check one)  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: _9/1/13
Signature:  Title: VICE-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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