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

	:				(	See Instru	ctions on Re	verse Side	)				
✓ Open Flow Deliverability				Test Date: 10/19/2014				API No. 15 15-191-01027-0001					
Company Atlas Ope		ıg Ll	_C	····			Lease Hudson			<u>-</u>	2-22	Well Number	
County Location Sumner NW-SE-NW				Section TWP 22 34S				RNG (E	/W)	ŀ	Acres Attributed		
Field Subera				Reservoir MISSISSIPPI				Gas Gathering Connection Atlas Pipeline Mid Continent					
Completion Date 12/04/95				Plug Back Total Depth 4747				Packer Set at 4240					
Casing Size	Casing Size Weight 1/2 15.0			Internal [	Diameter		Set at 4741		orations 05	To 4325			
Tubing Size Weight 2.7/8 4.7			internal [	Diameter		Set at 4240		orations	То	-			
Type Completion (Describe)				Type Fluid Production OIL & WATER				Pump Unit or Traveling Plunger? Yes / No PUMP UNIT					
Producing Thru (Annulus / Tubing) ANNULUS				% Carbon Dioxide				% Nitrogen Gas 0 11.5030 .727			avity - G <sub>g</sub>		
Vertical Depth(H) 4747				Pressure Taps PIPE						(Meter F 4	Run) (Prover) Size		
Pressure Buildup: Shut in 10/19			0 14 at 3	:00	_ (AMX(PM)	Taken_10	)/20	20	14 at 3:00	(AM)(PM)			
Well on Li	ine:				0 at		_ (AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERV	ED SURFAC	E DATA			Duration of Shut-	inHours	
Static / Dynamic Property	c Size		Circle one: Pressure Meter Differentii Prover Pressure in psig (Pm) Inches H.		Temperature Tempera		Wellhead Pressure		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>o</sub> )  psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							100	рыа	80	pşia			
Flow													
Plate	Т		Circle one:	Proce			Flowing			Ι		Flowing	
Coeffiecie	Coefficient (F <sub>b</sub> ) (F <sub>p</sub> )		Meter or over Pressure psla	Press Extension P <sub>m</sub> xh	Grav Fac F <sub>1</sub>	tor	Temperature Factor F <sub>f1</sub>	Fa	iation ector P*	Metered Flov R (Mcfd)	y GOR (Cubic Fed Barrel)	Ende	
								<u>.l</u>					
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	=:	•	OW) (DEL	<b>IVERABILITY</b> _% (i	) CALCUL P <sub>c</sub> - 14.4) +		:		² = 0.207 ² =	
(P <sub>c</sub> ) <sup>2</sup> - (P or (P <sub>c</sub> ) <sup>2</sup> - (P	)²	(P <sub>o</sub> )² - (P <sub>w</sub> )²		Choose formula 1 or 2  1. P <sub>o</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>o</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>o</sub> <sup>2</sup> - P <sub>o</sub> <sup>2</sup>	LOG of formula 2. P <sub>d</sub> 1. or 2.		Backpre Sio 	ssure Curve pe = "n" - or signed lard Slope	, n x	roe	, Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow				Mcfd @ 14.			Deliverat				Mcfd @ 14.65 psi		
		•	•	on behalf of the aid report is true			-			•	rt and that he ha	s knowledge of, 20 <u>14</u>	
	_	_					-				u	Receive (ANSAS CORPORATION	
			Witness	(if eny)						For C	Company	NOV 03	

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC						
	at 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						
-	pment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the Hudson #2-22						
	ell 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						
l fu	orther agree to supply to the best of my ability any and all supporting documents deemed by Commission						
staff as	s necessary to corroborate this claim for exemption from testing.						
Date:_	10/23/2014						
	Signature: 12 is Warrel						

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.

The form must be Received KANSAS CORPORATION COMMISSION

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