## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type test					(•	oee manaca	uns un neve	ise Side,	,					
Open Flow Deliverabilty				Test Date: 4/8/2015				API No. 15 15-077-21264-0000						
Company Atlas ope		LLC	>				Lease Gaug, Ly	dia I.				Well Nu 4-	1	
County Locati HARPER NE-NI								RNG (E/W) 9W		Acres Attributed 401 CC  ction  OEC 3 1 2015  To 4510				
Field SPIVEY GRABS				Reservoir MISSIS				Gas Gathering Conne ONEOK		ction UEC 3		MICK		
Completion Date 03/19/1993				Plug Back Total Depth 4562			Packer Set at		et at	RECT 2015				
			Weigh 14	t	Internal Diameter 5 .		Set at <b>4562</b>		Perforations 4418		т <sub>о</sub> 4510	)	EIVED	
			Weigh 6.5	t	Internal Diameter 2.5		Set at		Perforations		То			
Type Con CASINO		(Des	cribe)			d Production	1		Pump Ur PUMP	nit or Traveling UNIT	Plunger? Yes	s / No		
Producing Thru (Annulus / Tubing) ANNULUS				) % Carbon Dioxíd .1389			eb	% Nitrogen .908			Gas Gravity - G <sub>g</sub> .7080			
Vertical Depth(H) 4564				Pressure PIPE				Taps			(Meter Run) (Prover) Size 4			
Pressure	Builduj	o: SI	hut in <u>4/8</u>	2	0_15 at_5:	45 PM	(AM) (PM) 1	aken_4/	9	20	15 <sub>at</sub> 5:45	PM	(AM) (PM)	
Well on L				2	0 at		(AM) (PM)	āken		20	at		(AM) (PM)	
	·		•			OBSERVE	D SURFACE	DATA	ľ	,	Duration of Shu	<sub>ut-in</sub> 24	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential In Inches H <sub>2</sub> 0	Flowing Temperature t	Temperature Temperature				fubling ad Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In					_		138	·						
Flow														
	1		Arcle one:			FLOW STR	EAM ATTRI	UTES	-		1		T	
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		٨	Meter or er Pressure psia	Press Extension P <sub>m</sub> xh	Extension Fact		Flowing femperature Factor F <sub>rt</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	v GO (Cubic Barr	Feet/	Flowing Fluid Gravity G <sub>m</sub>	
		_		<u> </u>										
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P)² =	=;	-		ERABILITY) % (P,		ATIONS 14.4 = _	:		$(a_a)^2 = 0.2$ $(a_b)^2 = 0.2$	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Chase formula 1 or 2  1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> -P <sub>g</sub>	LOG of formula 1, or 2, and divide		Backpres Slope Ass	sure Curve = "n" or gned rd Slope	n x	LOG	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				annosa by. 1 c 1 w										
						· · - · · · ·								
Open Flow Mcfd @ 14.65 psia						Deliverabi	reliverability Mcfd @ 14.65 psia							
		_	•	on behalf of the aid report is tru			•			•			vledge of 20 <u>15</u> .	
			Witness	(if any)						For	Company			
			For Com	mission			_			Che	cked by			

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and cor	I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request empt status under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC d that the foregoing pressure information and statements contained on this application form are true and rect to the best of my knowledge and belief based upon available production summaries and lease records 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 Gaug, Lydia I. #4-1 s 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
ati	I further agree to supply to the best of my ability any and all supporting documents deemed by Commission aff as necessary to corroborate this claim for exemption from testing.
	Action as the cessary to combonate this claim for exemption from testing.  **KCC WICLIAN DEC 3 1 2015  **RECEIVED**
	Signature:

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.