KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:			(3	See Instruct	tions on Re	verse Side)				
L Ope				Test Date	: :				No. 15	·\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\sim	
	liverabil	ly ————————————————————————————————————	- -	10/28/20	011	_		15-	007-22815		<u>)</u>	
Company Atlas Operating LLC						Lease COOK				2	Well Number 2	
County Location BARBER SW-SW-NE			Section 20				RNG (E/ 12W	W)		Acres Attributed		
Field HARDTNER			Reservoir MISSISSIPPI			- -	Gas Gathering Connection ONEOK					
Completion Date 04/20/04			Plug Back Total Depth				Packer S	Set at				
Casing Size Weight 4 1/2 10.5			nt	Internal C	Diameter				rations 3-28 4745-0	то 68 4774-	то 4774-4778	
Tubing Size Weight		Internal Diameter		Set at		Perforations		То	То			
Type Completion (Describe)				Type Flui	1.995 4674 Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No PUMP UNIT				
CASING Producing Thru (Annulus / Tubing)					OIL & WATER % Carbon Dioxide			% Nitrogen Gas Gravity - G			avity - G	
ANNUL	US			.003				7.114 .625				
Vertical D	Pepth(H)				Pres PIPE	sure Taps				(Meter l	Run) (Prover) Size	
Pressure	Buildup	: Shut in	/28	11 at 3	:00pm	(AM) (PM)	Taken_10)/29	20	11 at 3:00pr	n (AM) (PM)	
Well on L	ine:	Started	20) at		(AM) (PM)	Taken		20	at	(AM) (PM)	
		- •••		, ,	OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24 Houn	
Static / Dynamic Property	Size	Orifice Size (Inches) Orifice Size (Inches)		Flowing Well Head Temperature t t		I Wallhead Pressure I		Wellhe	Tubing and Pressure or (P ₁) or (P ₈)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		psig (Pm)	Inches H₂0	185 H ₂ O				psig	psia			
Flow											 	
			1		FLOW STE	REAM ATTE	RIBUTES	J	·	·	<u> </u>	
Plate Coefflecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fac	tor	Flowing Temperature Factor F ₁₂ F ₁₂ Deviation Factor F _{pv}		ictor	Metered Flov R (Mcfd)	w GOR (Cubic Fe Barrel)	eet/ Fluid	
P _c) ² =		_: (P _w)²:	= ;	P _d =	, ,	/ERABILITY % (r) CALCUL P _e - 14.4) +		:	(P _a ; (P _a ;) ² = 0.207) ² =	
(P _e) ² - (l or (P _e) ² - (l	P_)2	(P _c) ² - (P _w) ² Choose formula 1 or 2: 1. P _c ² - P _s ² 2. P _s ² - P _s ² divided by: P _c ² - P _w ²		LOG of formuta 1. or 2. and divide p 2. p 2		Backpressure Curve Slope = "n"		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog	
											NOV 08	
Open Flow Mcfd © 14.65 psia				Deliverability				Mcfd @ 14.65 ps (CC \\/\CL				
The	undersi	•		Company,		he is duly a	uthorized t			ort and that he h	TO WILL	
		Witness	(if any)					ار ار	For (Company	<u>un</u>	
		For Corn	mission						Che	cked by		

exempt status under Rule K.A.R. 82-3-304 on the and that the foregoing pressure information a correct to the best of my knowledge and belief of equipment installation and/or upon type of collinear the status of t	and statements contained on this application form are true and based upon available production summaries and lease records completion or upon use being made of the gas well herein named.
is on vacuum at the presen is not capable of producing	e to water or injection into an oil reservoir undergoing ER t time; KCC approval Docket No g at a daily rate in excess of 250 mcf/D ability any and all supporting documents deemed by Commission
Sign	nature: P-Chbcic Watson Title: Regulatory Coordinator

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.