KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

✓ Open Flow Deliverabilty					Test Date 08/20/20					I No. 15 -0 77-20948 -	-0000	
Company Atlas Op		g Ll	_C				Lease A. J. Ke	ernohan L	.		3	Well Number
County Location			Section TW		TWP 31S	WP RNG (E/W)		/W)		Acres Attributed		
Field				Reservoir MISSISSIPPI		313		Gas Gathering ONEOK		nection	40	
				Plug Back Total Depth		pth		Packer				
4/24/1984 Casing Size Weight				4453 Internal Diameter			Set at		orations	То		
5 1/2 Tubing Size			15.5 Weight		Internal Diameter			4500 Set at		6 orations	4428 To	
2 3/8 4.7 Type Completion (Describe)				Type Fluid Production				Pump Unit or Traveling Plunger? Y			/ No	
CASING Producing Thru (Annulus / Tubing)					OIL & WATER % Carbon Dioxide				PUMF	TINU		
ANNULUS					.1098			% Nitrogen 1.4378			.7089	iravity - G _g
Vertical Depth(H) 4502					Pressure Taps					(Meter 4	Run) (Prover) Size	
ressure	Buildu	p: -	Shut in08/2	0 2	0_14 at_2	:00	_ (AM)(PM)	Taken_08	3/21	20	14 at 2:00	(AM)((PM)
Well on L	ine:) at		_ (AM) (PM)	Taken		20) at	(AM) (PM)
						OBSERV	ED SURFAC	E DATA			Duration of Shu	t-in 24 Hours
Static / Dynamic Property	mic Size Prover		Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperatu t	Wellhead (P _w) or (F	(P _w) or (P ₁) or (P _c)		Tubing ead Pressure or (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			poig (i iii)	mones rigo			psig 95	psia	psig 40	psia		
Flow												
			<u> </u>			FLOW ST	TREAM ATTR	IBUTES		 	1	<u> </u>
Plate Coefficcient (F _b) (F _p) Mofd			Circle one: Meter or over Pressure psia	Meter or Extension er Pressure		Gravity Factor F _g		Deviation Factor F _{pv}		Metered Flo R (Mcfd)	ow GOR (Cubic F Barret	eet/ Fluid
P _c) ² =		:	(P _w) ² =_	:	(OPEN FLO		IVERABILITY % (F	') CALCUL P₀ - 14.4) +		:) ² = 0.207) ² =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		hoose formula 1 or 2: 1. $P_0^2 - P_a^2$ 2. $P_0^2 - P_d^2$ vided by: $P_0^2 - P_w^2$	ormula 1 or 2: D 2 . P 2 LOG of formula D 2 . P 2 1. or 2.		Backpre Slo As	Backpressure Curve Slope = "n" or Assigned Standard Slope		rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flo				Mcfd @ 14.	<u> </u>		Deliverat				Mcfd @ 14.65 ps	
		-	d authority, on in, and that sai				•		o make to day of		ort and that he h	as knowledge of, 20
				•					-, <u>-</u>		VAL	Received
			Witness (if	any)			-	•		For	Company	OCT 2 9 20
			For Commis	sion			-			Che	ecked by	<u>ULI 4.3 40</u>

and that t	sus under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC e foregoing pressure information and statements contained on this application form are true and ne best of my knowledge and belief based upon available production summaries and lease records
of equipm	nt installation and/or upon type of completion or upon use being made of the gas well herein named. y request a one-year exemption from open flow testing for the A. J. Kernohan Unit #3
gas well d	the grounds 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 ragree to supply to the best of my ability any and all supporting documents deemed by Commission
Statr as no	essary to corroborate this claim for exemption from testing. 3/2014
,	Signature: Luis Wande

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
Received
signed and dated on the front side as though it was a verified report of annual test results.

KANSAS CORPORATION COMMISSION