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

Type rest					,	000 11131140		0,50 0.00	,					
= :	en Flow liverabil				Test Date 09/31/20					No. 15 095-21727	· ~~	\bigcirc		
Company				Lease KEIMIG-MCD						<u>- UU</u>	Well Number			
Atlas operating LLC. County Location			n	Section		TWP	TWP RNG (I				Acres Attributed			
KINGMAN 180'S-NW			W-SE	34 Reservoir		30		9W Gas Gathering Coni		80				
FIELD SPIVEY GRABS				MISSISSIPPI				ONEOK						
Completion Date 05/16/97				Plug Back 4460	k Total Dep	th 	Packer Set at		et at		. =			
Casing Size 5 1/2			Weight 15.5		Internal Diameter 5		Set at 4486		Perforations 4396		то 4432			
Tubing Size 2 3/8			Weight		Internal Diameter 1.99		Set at 4463		Perforations		То			
Type Completion (Describe)				Type Flui	d Productio		Pump Unit or Traveling 9 PUMP UNIT			Plunger? Yes / No				
CASING Producing Thru (Annulus / Tubing)				OIL & WATER % Carbon Dioxide				% Nitrog			Gas Gravity - G			
ANNULUS Vertical Depth(H) 4372					Pressure Taps PIPE				.694 (Meter Run) (Prover) Size 2					
Pressure	Buildur	p:	Shut in09/3	2	0 11 at 1			Taken_10	0/01	20	11 at 10:00	am (AM) (PM)	
Well on L	.ine:		Started	20	0 at		. (AM) (PM)	Taken		20	at	(AM) (PM)	
					,	OBSERVE	ED SURFAC	E DATA			Duration of Shu	1-in_24	Hou	
Static / Dynamic Property	c Size		Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in inches H ₂ 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			paris ()	310100 7120	_		psig 9	psia	pelg	pasa_				
Flow														
						FLOW ST	REAM ATTR	IBUTES	<u> </u>					
Plate Coefficient (F _b) (F _p) Motd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fac	tor	Flowing Temperature Factor F _{II}		viation actor F _p ,	Metered Flow Fl (Mcfd)	w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G	
								į						
P,)² =		_:	(P _w) ² =	:	(OPEN FL		VERABILITY % (I) CALCUI -} - 14.4) +		:		$a^{2} = 0.2$ $a^{2} = $	207	
(P _e) ² - (or (P _e) ² - (P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _a ² - P _d ² Moded by: P _a ² - P _a ²	LOG of formula 1, or 2, and divide		Backpressure Curv Slope = "n" Assigned Standard Slope		n x -	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
	-											RE	CEIVE	
												NO	/ 3 0 2	
Open Flo	w			Mcfd @ 14.	65 psia		Deliverat	ollity			Mcfd @ 14.65 p	sia VOO	1000	
								uthorized 6 th		ne above repo lovember	ort and that he i		WICH 20 <u>11</u>	
ne tacts s	stated ti	nere		id report is tru	and correc	CI. EXECUTE	a this the	Dho	Um	Oru	ca A	ws		
			Witness (il	any)				<u> </u>			Company			
For Commission						Checked by								

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_Atlas Operating LLC											
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 KEIMIG-MCDANIEL #4											
gas well on the grounds that said well:											
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: 11/16/2011											
Signature: Annonuca Austrub 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.