KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					6	See Instruct	ions on Reve	erse Side)					
🗹 Op	en Flo	W				T D-4-				4.51	N 48				
Deliverabilty				Test Date 10/28/20	-		API No. 15 15-077-21539-000								
Company Atlas Op		g, Ll	_C					Lease Wyant &	& Sand	ers-We	st	,	Well Nu 2-		
County Location Harper W2-NE-NE-SE				Section 4	•	TWP		RNG (E/W) 8W		Acres Attributed					
Field				Reservoir Mississ		,			hering Conne ER EXPLOF	ection RATION, LLC.					
Completion 12/28/20		е				Plug Back 4492'	k Total Dept	h		Packer S	Set at				
Casing Size Weight 4.5" 10.5#					Internal D	Diameter	Set at 4536'		Perforations 4420'		то 4448'				
Tubing Size 2 3/8"			Weight 4.7#			Internal Diameter		Set at 4475'		Perforations		То			
Type Con Single	npletion	n (De				Type Fluid	d Production			Pump Ur Pump	nit or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing)						arbon Dioxi	te % Nit		% Nitrog 5.023		Gas Gra .7330	Gas Gravity - G			
Annulus Vertical Depth(H)						.136	Press	sure Taps		5.023			Run) (P	rover) Size	
4563							PIPE	•				(moto. i	, (.	_	
Pressure	Buildu	p: 8	Shut in10	/28	2	0_14_at_9:	:00	(AM)(PM)	Taken_10	/29	20	14 at 9:00	(AM)(PM)	
Well on L	.ine:	5	Started		20	0 at		(AM) (PM)	ſaken		20	at	((AM) (PM)	
	1						OBSERVE	D SURFACE		ı	1	Duration of Shut-	24	Hours	
Static / Orifice Dynamic Size Property (inches		6	Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	lemperature lemperatu		re Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-in			F0 (* ···)					160	psla	125	psia			-	
Flow															
							FLOW STR	EAM ATTRI	UTES			<u> </u>		,	
Plate Coefficcient (F _b) (F _p) Mcfd			Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Fact	Gravity Tactor F		Flowing Devi. Temperature Factor F		Metered Flov R (Mcfd)	v GOR (Cubic Fed Barrel)	e t/	Flowing Fluid Gravity G _m	
				\perp	-				<u> </u>						
(P _c) ² =		:	(P _w)² =	=	:	(OPEN FLO		ERABILITY) 6 (P_		ATIONS 14.4 =	:	(P _s) ⁽	? = 0.2 ? =	07	
(P _c) ² · (P _d) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ²		Choose 1	se formula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ ed by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide	b.sb.s	Backpressure Curve Slope = "n" or Assigned Standard Slope			roe [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
		_						ļ	<u> </u>	_					
Open Flo		<u>.</u>			Mcfd @ 14.	SE poia		Deliverabil	itse			Mold @ 14 SE noi			
						<u> </u>			-		•	Mcfd @ 14.65 psi			
								e is duly aut this the <u>6th</u>			-	rt and that he ha		ledge of 20 <u>15 </u>	
0		, .	, and make					Ceived RATION COMMIS		, -,			, ·	·	
			Witness	(if any))	EU)					ForC	Company			
			For Com	missior	1		_JAN	1 2 2015-			Chec	cked by			

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request sunder 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
of equipment I hereby i	best of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the
(C	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
I further a	is not capable of producing at a daily rate in excess of 250 mcf/D agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as nece	ssary to corroborate this claim for exemption from testing.
Date: 01/06/	2015
KA	Received INSAS CORPORATION COMMISSION JAN 1 2 2015 CONSERVATION Requilitory 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.