KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	ctions on Rev	erse Side)				
✓ Op	en Flo	w											
De	liverab	ilty			Test Date: 10/20/2014					No. 15 195-22065-0	nnn		
Company				-	10/20/20	714	Lease		10-1			Well Number	
ATLAS		RATI					Lloyd V	/ells			4-17		
County Kingma	an		Location SW SE SW		Section 17		TWP 30\$		RNG (E/W) 8W		, , , , , , , , , , , , , , , , , , , ,	Acres Attributed	
Field Spivey-	-Grab	os-E	Basil		Reservoir Mississ			Gas Ga Oneok		hering Conn	ection		
Completion 02/02/0		te		•	Plug Bac 4294	k Total Dep	th		Packer S	et at	· · · · · · · · · · · · · · · · · · ·		
Casing S	Size		Weight 10.5#		Internal Diameter 4.052"		Set at 4323 '		Perforations 4163		то 4167'		
Tubing Si 2 3/8"	ize		Weight 4.7#		Internal Diameter 1.995"		Set at 4204'		Perforations		То		
Type Con Single (escribe)			d Productio			Pump Ur Pump	it or Traveling	Plunger? Yes	/ No	
	•		nulus / Tubin	(a)		arbon Diox	ride		% Nitrog		Gas Gr	avity - G	
Annulus	-	(r.si.ie	noids / Idbiii	9/	.114	AIDON DIOX	1146	7.210 1.210		CII	.670	Gas Gravity - G	
Vertical D		1)				Pressure Taps						Run) (Prover) Siza	
4324						Pipe	9				4		
Pressure	Buildu	ıp:	Shut in10	/20 ₂	0_14_at	8:00	(AM)(PM)	Taken_10)/21	20	14 at 8:0	(AM)(PM)	
Well on L	.ine:		Started	2	0 at	_	. (AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	ED SURFACE	DATA			Duration of Shut-	in_ 24 Hou	
Static /	Orifi	ice	Circle one: Meter	Pressure	Flowing	Well Head	Casir	•		ubing	Devoties	Lieuted Decelorate	
Dynamic Property	Siz (inch		Prover Press psig (Pm)	Differential ure in Inches H ₂ 0	Temperature t	Temperature t	Wellhead F (P _w) or (P ₁			ad Pressure (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							90	, , , , , , , , , , , , , , , , , , , 	75				
Flow			}			•							
						FLOW ST	REAM ATTRI	BUTES					
Plate	,		Circle one:	Press	Grav	rity	Flowing	Devi	iation	Metered Flov	v GOR	Flowing	
	Coeffiecient		Meter or over Pressure	Extension	Fact	tor	Temperature Factor		ctor	R	(Cubic Fe	et/ Fluid	
(F _b) (F Motd			psia	✓ P _m xh	F,	1	F _{it}	F	pv	(Mcfd)	Barrel)	Gravity G _m	
				-		•	······································		-				
				· ,		OW) (DELI\	/ERABILITY)	CALCUL	ATIONS		/D.)	2 0 007	
(P _c) ² =		<u>_:</u>	(P _w) ² =	·:_	P _d ≈		% (P,	- 14.4) +	14.4 =	<u>-</u> :	(P _d)	² = 0.207 ² =	
(P _e) ² - (P _B) ²		/F	$(P_c)^2 - (P_w)^2$ Choose form: 1. P_c^2		LOG of		Backpressure Curve		,			Open Flow	
(P _e)²- (F		ν.	c' \w'	2. P _c ² -P _d ²	formula 1. or 2.			or	n x l	.og	Antilog	Deliverability Equals A x Antilo	
(P _s)*- (E	P _a)*			divided by: Pc2 - P	and divide by:	P _c - P _w		gned rd Slope		LJ		(Mcfd)	
			-						\				
										,		<u> </u>	
Open Flo	w			Mcfd @ 14	.65 psia		 Deliverabil	itv	<u></u> l.		 Mcfd @ 14.65 psi	a	
The I	unders	iane	d authority o			tates that I	•		n make th		ort and that he ha		
		_	-	aid report is true			•			•	ir and that he he	, 20_15	
						R	leceived PORATION COMM		,			,	
			Witness	(if any)			1 2 2015			For	Company		
			For Com	mission						Che	cked by		
						Wic	ATION DIVISIO CHITA, KS	N					

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator ATLAS OPERATING LLC
	oing 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
• •	llation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Llayd Wells #4-17
	ounds 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
•	to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 01/06/2015	

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.