KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instr	ructions on Re	everse Side	e)				
✓ Open Flo				Test Date					No. 15			
Delivera	DIITY			08/15/20	014	Lease		15-	077-21734-0		Mall Number	
Company Atlas Operati	ng LL	-C				Dirks					Well Number	
County Harper		Location N2,N2,S		Section 33		TWP 31S		RNG (E/ 9W	W)		Acres Attribu	uted
Field Spivey Grabs	s-Ras	il		Reservoir Mississi			Gas Gatherir Pioneer		thering Conne	ection		
Completion Da				Plug Bac		epth		Packer S				
04/05/2011 Casing Size		Weigh	t	4533 Internal E	Diameter	Set	at	Perfo	rations	То		
4 1/2 Tubing Size		10.5 Weight	+	Internal D	Diamotor		4548 Set at		4430 Perforations		4445 To	
2 3/8		4.7		2		444						
Type Completic Casing	on (De	escribe)		Type Fluid	d Produc WATER			Pump Ur Yes-P	nit or Traveling ump	Plunger? Yes	/ No	
Producing Thru	u (Anr	nulus / Tubing	3)		% Carbon Dioxide .1039			% Nitrogen 7.7672		Gas Gravity - G _g .6880		
ANNULUS Vertical Depth((H)			Pressure Taps				7.707	(Meter Run) (Prover) Size			
4560		004		44 0	20			2/4/0	·	44 0-00		
Pressure Build	up:	Shut in	2	0 at	:30	(AM) (PM)	Taken_U	3/16	20	14 at 2:30	(AM)	(PM)
Well on Line		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM)	(PM)
					OBSER	VED SURFAC	CE DATA			Duration of Shut	-ın_24	_Hours
Dynamic Si	Size Meter Diffe		Pressure Differential in Inches H ₂ 0	Flowing Well H Temperature t		rature (P _w) or (P ₁) or (P		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Prod (Barrel	
Shut-In		paig (i iii)	mones ri ₂ 0			psig 100	psia	psig 50	psia		1	-
Flow						1						
	1				FLOW S	TREAM ATT	RIBUTES					
Plate Coefficcient $(F_b)(F_\rho)$ Mcfd	Pro	Orcle one Meter or over Pressure psia	Press Extension ✓ P _m xh	Grav Fact	tor	Flowing Temperature Factor F _{ft}	Fa	riation actor = pv	Metered Flow GO R (Cubic (Mcfd) Barr		eet/ F	owing fluid ravity G _m
(D.)2	1	(D.)2		•	, ,	LIVERABILITY	•)2 = 0 207	
(P _c) ² =	<u> </u>		Choose formula 1 or 2	$P_d =$			(P _c - 14.4) + essure Curve		Г Л I	(P _d	Open Fi	low
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_g)^2$	(F	P _c) ² - (P _w) ²	1 $P_c^2 - P_a^2$ 2 $P_c^2 - P_d^2$ divided by $P_c^2 - P_w^2$	LOG of formula 1 or 2 and divide by	P _c ² - P _w ²	AA	ope = "n" or ssigned dard Slope	_ nx	LOG	Antilog	Deliverati Equals R x (Mcfd	oility Antilog
				1						· · · · · · · · · · · · · · · · · · ·		
Open Flow			Mcfd @ 14	65 nsia		Delivera	bility			Mcfd @ 14.65 ps	l l	
	signer	d authority or			states tha	• • • •	 	o make th		rt and that he ha		e of
	-	-	aid report is true			•			•	and tigt He H	, 20 <u>1</u>	
	51		,									eceived
		Witness (if	f any)			_			For C	ompany		1 4 2014
		For Comm	ission			_		······	Chec	ked by	CONSERVA	ATION DIVISION HITA, KS

I ded	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC
	the foregoing pressure information and statements contained on this application form are true and
correct to	o the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for the
	eby request a one-year exemption from open now testing for the
Jas weii	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
	s not capable of producing at a daily rate in excess of 250 mcf/D
staff as r	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as r	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
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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