KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(See Instruct	ions on Reve	erse Side)			
✓ Op	en Flow			Total Date	_			A DI	No. 15		
Del	liverabilty			Test Date 09/05/2					No. 15 077-215 23-0	0000	
Company Atlas Operating, LLC					Lease Kernohan						Well Number 8
County Location Harper S/2-SW-NE				Section 7		TWP RNG (E/V 31S 8W		/W)		Acres Attributed	
Field SPIVEY-GRABS-BASIL				Reservoi Missis	sippi	Pioneer Ex		thering Conne r Exploration			
Completion Date 10/05/2005				Plug Bac 4503'	k Total Dept	h 	Packer Set at				
Casing Size Weight 10.5#				Internal I 4.052"	Diameter	Set at 4546'		Perforations 4381'		то 4386 '	
Tubing Size Weight 2-3/8" 4.7#			Internal I 1.995"		Set at 4462'		Perfo 440	rations 6'	_{То} 4409	•	
Type Completion (Describe) Single (Oil & Gas)					Type Fluid Production Oil & Water			Pump Unit or Traveling Plunger? Ye Pump Unit			/ No
-	•	nnulus / Tubio	ng)	% (Carbon Dioxi	de		% Nitrog	jen	Gas G	ravity - G _g
Annulus Vertical Depth(H)					Pressure Taps					,	Run) (Prover) Size
4546 Pressure	Buildup:	Shut in _09	/05	20 14 at 1	:00	(AM) (PM) T	raken 09	/06		2 14 _{at} 1:00	(AM) (PM)
Well on Li	ine:									at	• •
					OBSERVE	D SURFACE	DATA			Duration of Shut	t-in_24Hours
Static / Dynamic Property	Orifice Size (inches)	Circle one. Meter Prover Press psig (Pre	Differential in	Temperature	Well Head Temperature t	(P _w) or (P _t) or (P _c)		Wellhe	Tubing ead Pressure r (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	•			-		165	psia	psig 55	psia		
Flow											
					FLOW STR	EAM ATTRIE	BUTES			,	
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m xh	Gra Fac F	tor T	Flowing emperature Factor F _{rt}	Fa	ation ctor	Metered Flov R (Mcfd)	w GOR (Cubic F Barrel	eet/ Fluid
		·					<u> </u>				
(P _c)² =	;	(P _w) ²	=:	(OPEN FL P _d =	• •	ERABILITY) (P.	CALCUL - 14.4) +		:) ² = 0.207) ² =
(P _c) ² - (F or (P _c) ² - (F	P _k)2	(P _c) ² -(P _w) ²	Choose formula 1 or 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2.		Backpress Slope Assi	sure Curve == "n" or gned rd Stope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flor	w		Mcfd @ 14	l.65 psia		Deliverabili	itv		· · · · · · · · · · · · · · · · · · ·	Mcfd @ 14.65 ps	sia
•	-	ed authority			states that h			make #			as knowledge of
	_	=	said report is tru			•			eptember	at and matrie fi	, 20 <u>14</u>
		Witness	(if any)			_			to-f	Company I	Received KANSAS CORPORATION COR
		**IIIId55	u.,,						FOR	winkany [005 00 00
		For Can	ımission			_			Chec	cked by	OCT 0 2 20

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating, LLC
	at the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records
of equi	pment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the Kernohan #8-7
	ell on the grounds that said well:
staff as	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 arther agree to supply to the best of my ability any and all supporting documents deemed by Commissions necessary to corroborate this claim for exemption from testing.
Jale	Signature:

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.

Received

KANSAS CORPORATION COMMISSION

OCT 0 2 2014