KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test ✓ Op	: en Flow			<u> </u>	•	tions on Rev	erse Side	•				
Deliverabilty					Test Date: 11/02/2013				AP! No. 15 15-077-21533-00-00			
Company Atlas Operating LLC					Lease Darnes C					- · ·	Well Number 4	
County Location Harper NW-NE-NW				Section 18	· · · · · · · · · · · · · · · · · · ·	TWP 31S			RNG (E/W) 8W		Acres Attributed	
Field SPIVEY GRABS				Reserve Missis					hering Conne r Exploration			
Completion Date 11/28/2005				Plug Ba 4425'	ck Total Dep	oth		Packer S	Set at			
Casing Size Weight 4.5" 10.5#				Internal Diameter 4.052"		Set at 4549'		rations 2-4391'	То			
Tubing Size Weight 2-3/8" 4.7#				Internal Diameter 1.995"		Set at 4401'		Perforations				
Type Completion (Describe) Single (Oil & Gas)				• •	uid Productio Water	n	Pump Unit or Traveling Pump Unit			Plunger? Yes / No		
Producing Annulus		nnulus / Tub	ing)	%	Carbon Diox	tide		% Nitrog	jen	Gas Gr	avity - G _g	
Vertical D	epth(H)				Pres	ssure Taps				(Meter	Run) (Prover) Size	
Pressure	Buildup:	Shut in1	1/02	20_13 at_	10:30am	. (AM) (PM)	Taken 11	1/03		12 _{at} 10:30a	am(AM) (PM)	
Well on L	ne:	Started		_20 at		. (AM) (PM) ⁻	Taken		20	at	(AM) (PM)	
		Circle and			OBSERVE	ED SURFACE		1		Duration of Shut-	in Hours	
Static / Dynamic Property	Orifice Size (inches)	Meter Prover Pres	Differenti	al Temperatur	Well Head re Temperature t	Casir Wellhead P (P,) or (P,)	ressure	Wellhe	Tubing ad Pressure r (P ₁) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In						110		75				
Fiow												
					FLOW STI	REAM ATTRII	BUTES					
Plate Coefficcient (F _b) (F _p) Mctd		Circle one: Meter or Prover Pressure psia	Press Extensio ✓ P _m x	_ racioi		Temperature F		iation ctor	Metered Flov R (Mcfd)	w GOR (Cubic Fe Barrel)	Gravity	
				(005) 5	1 010 (05) 0	4504000000			·			
(P _c)² =	:	(P _w) ²		P _d		/ERABILITY)	- 14.4) +		:		² = 0.207 ² =	
(P _c) ² - (F or (P _c) ² - (F		(P _o) ² · (P _w) ²	Choose formula 1 1. P _c ² - P _c 2. P _c ² - P _d divided by: P _c ² -	LOG of formula 1. or 2.		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x i	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
					,							
Open Flor	l		Mcfrl Ø	14.65 psia		Deliverabil	itv			Mcfd @ 14.65 ps	ia	
		ed authority,			states that I			o make ti		ort and that he ha		
	_	-	said report is						recember	Naneck	KCC WICH	
		Witnes	s (if any)			_	<u> </u>	\	For C	Company	JAN 06 2014	
		For Cor	mmission			_	<u> </u>		Chec	cked by	RECEIVE	

	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt stat	us 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 th	e best of my knowledge and belief based upon available production summaries and lease records
• •	nt 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
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 furthe	agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as nec	essary to corroborate this claim for exemption from testing.
Date: 12/31	/2013
	\sim 1
	Signature: Right Warrech
	Signature: (M) WMUCC

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.

JAN 06 2014

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