KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(i	See Instruct	ions on Rev	erse Side)					
Open Flow				Test Date: API No. 15										
Deliverabilty			10/30/2010					077-21533	-00-00					
Company Atlas Operating LLC				Lease Darnes C			•	#4	Well Number #4					
County Location Harper NW-NE-NW			Section 18		TWP 31S		RNG (E/W) 8W			Acres Attributed				
Field SPIVEY GRABS				Reservoir Mississ					hering Conne r Exploration					
Completion Date 11/28/2005				Plug Back 4425'	k Total Dept	th		Packer Set at						
Casing Size Weight 4.5" 10.5#				Internal Diameter 4.052"		Set at 4549'		Perforations 4382-4391'		То				
Tubing Size 2-3/8"			Weight 4.7#		Internal Diameter 1.995"		Set at 4401'		Perforations		То			
Type Completion (Describe) Single (Oil & Gas)				Type Flui	d Production	n	Pump Unit or Travelin Pump Unit		g Plunger? Yes / No					
	Thru		ulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	jen	Gas G	ravity - G	ig .	
Vertical D)			•	Pres	sure Taps			·	(Meter	Run) (Pr	over) Size	
Pressure	Buildup): !	Shut In 10/3	30 2	0_10_at		(AM) (PM)	Taken . 1	0/31	20	10 at	(/	AM) (PM)	
Well on L	ine:	;	Started	2:	0 at		(AM) (PM)	Taken		20	et	(AM) (PM)	
				· · · · · · · · · · · · · · · · · · ·		OBSERVE	D SURFACE				Duration of Shu	1-in 24	Hours	
Static / Dynamic Property	ynamic Slze		Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential In Inches H _a 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _e) psig psia		Tubing Wellhead Pressure (P _m) or (P ₁) or (P _c) psig psia		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In							115	pou	paig	paio				
Flow												<u> </u>		
						FLOW STE	REAM ATTR	BUTES		·				
Plate Coefficelent (F _b) (F _p) Mold		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fac	tor	emperature Fa		riation Metered Flow actor R F _{pv} (Mcfd)		w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
(P _c) ² = _		:	(P _w) ² =	:	(OPEN FL	, ,	'ERABILITY % (F	CALCUL - 14.4) +		:		$()^2 = 0.20$ $()^2 = 0.20$	07	
$(P_a)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$			P ₀)*- (P _w)*	1. P _c ² - P _a ² 2. P _e ² - P _d ²	LOG of formula 1. or 2. and divide		Backpressure Curve Slope = "n" or Assigned			LOG	Antilog	Op Deli Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			- (divided by: P ₄ 2 - P _w	² by:		Stand	ard Slope				 '		
Open Flow Mcfd @ 14.6				.65 psia	5 psia		Deliverability		Mcfd ♥ 14.65 psia					
		•	•				•			he above repo	ort and that he h		•	
ne facts s	stated th	nerel	n, and that sa	id report is tru	e and correc	t. Executed	this the _41		day of <u>'</u>				ECEIVE	
			Witness (ii	any)			-	 ,	-	For	Company			
			For Commi	ission			-		 ·	Che	cked by	<u> IĀ</u>	DV 1.2.2	

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the Darnes C #4 ounds that said well:
	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 mct/D eto supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 11/04/2010	Signature: Ramy 11- Tamas Title: Production 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.