KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: en Flov	. .	• • • • • • • • • • • • • • • • • • • •		(See Instru	uctions on Rev	erse Side)		• ·		
	liverabi				Test Date 08/29/2					No. 15 077-21489-0	ากกก		
Company					00/25/2	014	Lease					Well Number	
Atlas Operating LLC County Location				KERNOHAN Section TWP			DHAN	RNG (E	ΛΛΛ		5 Acres Attributed		
HARPER E/2-E/2-NE				7	·-	31	31 8W				Acres Attributed		
Field SPIVEY GRABS				Reservoir MISSIS	SSIPPI		Gas Gathering Conr ONEOK		ection				
Completion Date 10/05/04				4517	k Total De		Packer Set at						
Casing Si 4 1/2	Casing Size Weight 10.5				Internal [Diameter		Set at 4518		rations 8-4407	^{то} 4410-4414		
Tubing Si 2 3/8	Tubing Size Weight 23/8 4.7				Internal I	Diameter	Set a	Set at		Perforations			
Type Con	Type Completion (Describe)					d Product		Pump Unit or Traveling PUMP UNIT			Plunger? Yes / No		
Producing Thru (Annulus / Tubing) ANNULUS				% C	Carbon Dic	oxide	% Nitrogen		jen	Gas Gravity - G _g .676			
Vertical D	Vertical Depth(H)				Pressure Taps				· · ·		(Meter	Run) (Prover) Size	
4520 Bressure				9 ,	14 1	PIPE 10:00 (AM) (PM)		30 _{Takon}	/30		4 14 _{at} 10:00	(AM) (PM)	
Pressure Well on L			Shut in									(AM) (PM)	
												24	
Static /	Orific	Circle one: Pres		Pressure	'''' '		BSERVED SURFACE DA			Tubing	Duration of Shut	-iiinours	
Dynamic Property	ynamic Size		Meter Prover Pressure psig (Pm)	Differential in Inches H ₂ 0		ı	I Mallhaad I			ead Pressure or (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							120	Police	70	Pole		-	
Flow			-										
					1	FLOW S	TREAM ATTRI	BUTES			-		
Plate Coefficcient (F _b) (F _p) Mofd		Pro	Meter or Pressure psia Circle ono: Press Extension Prover Pressure psia		Grav Fac F	tor	Flowing Temperature Factor F _{II} ,		ation ctor	Metered Flow R (Mcfd)	GOR (Cubic For Barrel	eet/ Fluid Gravity	
P _c) ² =		:	(P)² =	:	(OPEN FL		IVERABILITY) _% (P.	CALCUL + (14.4 -		:) ² = 0.207) ² =	
(P _c) ² - (F	P _a)²		C _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _a ² vided by: P _c ² - P _a ²	LOG of formula 1, or 2. and divide	P _c ² -P _w ²	Backpres Slop Ass	sure Curve e = "n" origned and Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
								• -					
Open Flor	w			Mcfd @ 14.	65 psia	-	Deliverabi	lity		<u></u> <u>_</u> j	Mcfd @ 14.65 ps	sia	
The t	undersi	gned	authority, on	behalf of the	Company, s	tates that	he is duly aut	thorized to	make th	ne above repo	rt and that he h	as knowledge of	
ne facts si	tated th	nerei	n, and that said	d report is true	and correc	t. Execute	ed this the 29	th	day of S	eptember		, 20	
			Witness (if a	iny)			-			ForC	Company	Received	
				••						. 510		VANSAS CURPORATION (

exempt and that correct to of equip	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 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. The reby request a one-year exemption from open flow testing for the KERNOHAN #5-7
	on the grounds 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 mcf/D ther agree to supply to the best of my ability any and all supporting documents deemed by Commissinecessary to corroborate this claim for exemption from testing.
Date: 0	9/29/2014
	2: 1 January
	Signature: Law Wareck
	Title: Regulatory 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 Received signed and dated on the front side as though it was a verified report of annual test results.

Received
KANSAS CORPORATION COMMISSION