15-007-00189-0000

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(See Instruc	tions on Re	verse Side	9)			
	en Flow liverabilty			Test Date				AP	l No. 15 ~ 00 °	7-00,180-00	00
Company				10/24/20	011	Lease	,	···			Well Number
Atlas Operating LLC County Location			Section	Section TWP			RNG (E	/W)	1	Acres Attributed	
BARBER SW-NE-NE			20		34	34 12W		·	·	160	
HARDTNER				Reservoir MISSISSIPPI			Gas Gathering Connection ONEOK				
Completion Date 12/06/55			Plug Bac 4796	Plug Back Total Depth 4796			Packer	Set at			
Casing Size Weight 5 1/2 14			Internal E 5.012	Diameter	Set at 4829		Perforations 4712		то 4752		
Tubing Size Weight 2 3/8 4.7			Internal Diameter		Set at 4760		Perforations		То		
Type Completion (Describe) CASING			Type Flui	Type Fluid Production OIL & WATER				Pump Unit or Traveling Plunger? Yes / No PUMP UNIT			
Producing Thru (Annulus / Tubing)					arbon Dioxi	de		% Nitrog		Gas Gravity - G	
ANNULUS				.003				7.114		.625	
Vertical Depth(H) 4752				Pressure Taps PIPE					(Meter Run) (Prover) Size 4		
Pressure Buildup: Shut in 10/24 20				0 11 at 2	11 at 2:00pm (AM) (PM) T)/25	20	11 at 2:00pm (AM) (PM)	
Well on Line: Started20			0 at	····	(AM) (PM)	Taken		20	at	(AM) (PM)	
				<u> </u>	OBSERVE	D SURFAC	E DATA			Duration of Shut	24 Hours
Static /	Orifice	Circle one: Motor	Pressure Differential Flowing		Well Head	Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration	Liquid Produced
Dynamic Property	Size (Inches)	Prover Pressure		Temperature t	Temperature t	(P _w) or (P				(Hours)	(Barrels)
Shut-In	•					45	pord	P5-9	pou		
Flow											
					FLOW STR	EAM ATTR	IBUTES				
Plate Coeffiec (F _b) (F Motel	ient p) Pri	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fact F _a	or Temperature		Deviation Factor F _{pv}		Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)	eet/ Fluid
P _c)² =	•	(P _w) ² =		(OPEN FLO	OW) (DELIV) CALCUL 2 - 14.4) +			_)2 = 0.207
		c	hoose formula 1 or 2			1 .	ssure Curve	<u> </u>	Г ¬	(P _d)	Open Flow
(P _e) ² · (F or (P _e) ² · (F		P _e) ² · (P _w) ²	tormula 2. p ² . p ² 1, or 2,		P ₂ -P ₂	Slope = "n"oror Assigned Standard Slope		n x i	rog	Antilog	Deliverability Equals R x Antilog (Mcfd)
Open Flow Mcfd @ 14.65 psia						Deliverability			Mcfd @ 14.65 psia		
										rt and that he ha	-
e facts s	tated there	in, and that said	d report is true	and correct	t. Executed	this the _4t	<u>"</u>	day of __\	ovember		, 20 <u>11</u> .
	.	Witness (if a	iny)			-	يلا	<u>DD</u>		2+Sen	RECEIV
	 	For Commis	sion			_				ked by	NOV 0-8
											KCC WICI
											OC ANIC

l declare vii	
	der penalty of perjury under the laws of the state of Kansas that I am authorized to request or notes and a request of Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC
correct to the be	egoing pressure information and statements contained on this application form are true and st of my knowledge and belief based upon available production summaries and lease records tallation and/or upon type of completion or upon use being made of the gas well herein named. uest a one-year exemption from open flow testing for theCOOK #1
	grounds that said well:
I further agr	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 ee to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
	Signature: Debuulatson 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 signed and dated on the front side as though it was a verified report of annual test results.