KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test.	•				(~	ee manuca	ons on neve	رمانات مدان	'	-			
_ `	en Flow liverabil				Test Date:					No. 15 19 5- 01814-0	000		
Company ATLAS C		ATIN	IG LLC				Lease FRED H	AGEMAN			2	Well Nur	mber
County KINGM	AN		Locatio NE-SW		Section 6		TWP 30		RNG (E/ 8W	N)		Acres A 160	ttributed
Field SPIVEY GRABS						Reservoir MISSISSIPPI			Gas Gathering Connection ONEOK			4	<u>~</u>
Completic 11/07/19		1			Plug Back 4275	Total Depth	h		Packer S	et at		Já	Chil
Casing Si 4 1/2	ize		Weight 9.5		Internal D 4.09	lameter -	Set at 4314		Perfor 4250	rations	то 4260		08 20
Tubing Size Weigh 2 3/8 4.7			Weight 4.7		Internal Diameter 2			Set at Perfora 4270		rations	То		CEIVED
Type Con		(De	scribe)			Production	1		Pump Un PUMP	it or Traveling UNIT	Plunger? Yes	s / No	
Producing Thru (Annulus / Tubing) ANNULUS			% c .3470	% Carbon Dioxide			% Nitrog 3.416	en		Gas Gravity - G _g .806			
Vertical D 4315	Vertical Depth(H) 4315					Pressure Taps PIPE					(Mete 3	r Run) (Pi	rover) Size
Pressure	Buildup); 5	Shut in11/	11 2	0 15 at 8:	00 AM	(AM) (PM)	Taken 11	/12	20	15 at 8:00	AM (AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken			at	(AM) (PM)
			Circle one:	Pressure	<u> </u>	OBSERVE	D SURFACE		-	ubing	Duration of Shu	ut-in 24	Hours
Static / Dynamic Property	Dynamic Size		Meter Prover Pressu psig (Pm)	Differential	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Wellhe	ad Pressure r (P _t) or (P _c)	Duration (Hours)		d Produced Barrels)
Shut-In							90	рака	75	рэка			
Flow													
					1	FLOW 51R	EAM ATTRI	BUTES					
Plate Coeffiec (F _b) (F Mcfd	ient ,)		Circle one: Meter or ver Pressure psia	Press Extension P _m xh	Grav Fact	tor 1	Flowing Femperature Factor F _{ft}	Fa	iation ctor :	Metered Flov R (Mcfd)	w GO (Cubic Barro	Feet/	Flowing Fluid Gravity G _m
					(OPEN EL	OW) (DELIV	ERABILITY)	CALCIII	ATIONS				
(P _c) ² =		:	(P)2=	:	P ₆ =		-	- 14.4) +		:		ong (° 2)	.07
(P _c) ² - (l	P _a)2		(P _w) ² - (P _w) ²	Choose formula 1 or a 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula		Backpres Slop 	sure Curve e = "n" or lgned ard Slope	n x	roe [Antilog	O _l Del Equals	pen Flow liverability s R x Antilog (Mcfd)
Open Flo				Mcfd @ 14	.65 psia		Deliverabi	- ility			Mcfd @ 14.65	nsia	
······		des	d guithasine		•	statos that L			o monto- 11	no above "="	<u>-</u>		dodge of
				n behair of the aid report is tru			•			•	ort and that he		20 <u>15</u> .
			Witness (i	fany)			-			For	Company		
			For Comm	ission	<u> </u>		_			Che	ocked by		

	penalty of perjury under the laws of the state of Kansas that I am authorized to reques	st
exempt status unde	r Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC	_
and that the forego	ing pressure information and statements contained on this application form are true an	d
correct to the best o	of my knowledge and belief based upon available production summaries and lease record	S
• •	ation and/or upon type of completion or upon use being made of the gas well herein named st a one-year exemption from open flow testing for the FRED HAGEMAN #2	.k _
	unds that said well: **Co **Co **Proposed 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	_
(Check o	one) JAA.	WI
	is a coalbed methane producer	8 2
블	is cycled on plunger lift due to water	< () !! a.
	is a source of natural gas for injection into an oil reservoir undergoing ER	EL
	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	
	to supply to the best of my ability any and all supporting documents deemed by Commis to corroborate this claim for exemption from testing.	sion
Date: 12/29/2015		
	Signature:	
	Title: ENGINEER	_

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.