KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:			•		(See Ins	truct	tions on Re	verse Sic	le)				-			
_	en Flo					Test Date	n:					API	l No. 15					
De	liverab	ilty				12/11/2							077-21511	-0000	·			
Company Atlas Op		ıg Li	LC						Lease Kernol	han					٧	Vell Nu 7		
County Harpe r		•	Loca SW-N		NE	Section 7			TWP 31\$			RNG (E BW	/W)		A	Cres A	Attributed	
Field Spivey	-Grat	s-E	Basil			Reservoir Mississ							thering Con					
Completi 06/07/2		e				Plug Bac 4511'	k Total	Dept	th		F	Packer (Set at	•				
Casing S 4 1/2"	ize		Weig 10.5			Internal [4.052"	Diamete	r	Set a 451				orations 1'-4398'		To 4410'-	4414'		
Tubing S 2 3/8"	ize		Weig 4.7#			Internal (1.995"	Diamete	ı	Set a 446			Perfo	orations		То			
Type Cor Single (Type Flui Oil & V		uction	n			eump Մ Pump	nit or Travelin Unit	g Plungei	? Yes	/ No		
	-	(Anı	nulus / Tubir	ng)		% C	arbon l	Dioxi	de		9	6 Nitrog	jen		Gas Gra	vity - (a _g	
Annulu: Vertical C		(1)							sure Taps		•		-		(Meter P	tun) (Pi	rover) Size	
Pressure	Buildu	D:	Shut in12	/11	20			Pipe		Taken_1	2/	12	20	13 at	•	((AM) (PM)	
Well on L	.ine:												20			-		
					· · · · · ·		OBSE	RVE	D SURFAC	E DATA				Duration	n of Shut-i	n 24	Hours	
Static / Dynamic Property	amic Size		Meter Prover Pressure		Pressure Differential in	Flowing Temperature t	Well H Temperat		Wellhead	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure $(P_w) \circ (P_1) \circ (P_c)$		Dur	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	(iiici)		psig (Pm)	1	Inches H ₂ 0	•	•		psig 150	psia	+	psig 90	psia	-				
Flow									130		-	30						
			!				FLOW	STR	EAM ATTR	IBUTES	. L.			1		<u> </u>		
Ptate Coeffied (F _b) (F Mcfd	ient p)	Pro	Gircle one: Meter or over Pressure psia		Press Extension ✓ P _m x h	Grav Fact F _c	or	т	Flowing Femperature Factor F _{f1}	Į F	viat acto F _{pv}	or	Metered Fic R (Mcfd))W	GOR (Cubic Fee Barrel)	it/	Flowing Fluid Gravity G _m	
				1.		(OPEN FL	OW) (DI	ELIV	ERABILITY	CALCU	LA	TIONS			45.16			
(P _c) ² =		_:	(P _w) ² :	=	:	P _d =	• •			P _c - 14.4)			:		(P _a)² (P _d)²	= 0.2	U/ 	
(P _c) ² - (I		(F	P _e) ² - (P _w) ²		ose formula 1 or 2: 1. $P_0^2 - P_0^2$ 2. $P_0^2 - P_0^2$ ed by: $P_0^2 - P_0^2$	LOG of formula 1, or 2.	P _e ² - P	2 w	Slop	essure Curv pe = "n" - or signed lard Slope		пх	LOG	An	tilog	Deli Equals	pen Flow iverability FR x Antilog (Mcfd)	
													- 1-1					
									<u> </u>	***		1			<u> </u>			
Open Flo					Mcfd @ 14.6				Deliverab						14.65 psia			
												\sim 1	ne above rep anuary (ort and th	nat he has			
ne facts s	tated t	herei	in, and that s			and correc	t. Exec	uted 	this the _O	uı	da	of)	is W	Mech			20 <u>14 </u>	
			For Com					_	_					ecked by		JAI	1 0 9 2 0	
																R	ECEIVI	

	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC
and that th	ne foregoing pressure information and statements contained on this application form are true and
correct to 1	the best of my knowledge and belief based upon available production summaries and lease records
	ent installation and/or upon type of completion or upon use being made of the gas well herein named.
l herel	by request a one-year exemption from open flow testing for the Kernohan #7-7
gas well o	n 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
	is not capable of producing at a daily rate in excess of 250 mct/D
I furth	er agree to supply to the best of my ability any and all supporting documents deemed by Commission
	er agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as ne	er agree to supply to the best of my ability any and all supporting documents deemed by Commission cessary to corroborate this claim for exemption from testing.
	er agree to supply to the best of my ability any and all supporting documents deemed by Commission cessary to corroborate this claim for exemption from testing.
staff as ne	er agree to supply to the best of my ability any and all supporting documents deemed by Commission cessary to corroborate this claim for exemption from testing.
staff as ne	er agree to supply to the best of my ability any and all supporting documents deemed by Commission cessary to corroborate this claim for exemption from testing.
staff as ne	er agree to supply to the best of my ability any and all supporting documents deemed by Commission cessary to corroborate this claim for exemption from testing.

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 09 2014