KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Company Atlas Ope County HARPE Field SPIVEY	eratin	ilty 			Test Date 09/15/20					No. 15			
Company Atlas Ope County HARPE Field SPIVEY	eratin	·											
Atlas Ope County HARPE Field SPIVEY	eratin	g LL				טוט			15-0)77-21482-0	0000		
HARPE Field SPIVEY	R		.C				Lease DARNE	S "A"	_		,	Vell Number 4	
SPIVEY	County Location HARPER SW-NW-NE				Section 18		TWP 31			RNG (E/W) 8W		Acres Attributed	
Completio	Field SPIVEY GRABS				Reservoir MISSIS			-	Gas Gathering Connect		ection		
Completion Date 05/15/04				Plug Back 4458	k Total Dep	th		Packer Set at			-		
Casing Siz	casing Size Weight 10.5			nt	Internal D	iameter	Set at 4604		Perforations 4403		To 4423	то 4423	
Tubing Size 2 3/8			Weight 4.9		Internal Diameter		Set at 4426.07		Perforations		То	То	
Type Completion (Describe) CASING				Type Flui	d Productio					ng Plunger? Yes / No			
		(Anr	nulus / Tubin	g)		arbon Diox	ide		% Nitrog		Gas Gr	avity - G _o	
ANNULUS				.19				1.52		.708			
Vertical Depth(H) 4605				Pressure Taps PIPE					- -	(Meter f 4	Run) (Prover) Size		
Pressure I	Buildu	p: ;	Shut in _09/	15 20	15 at 8:		. (AM) (PM) 1	Taken_0	9/16	20	15 _{at} 8:30 A	M(AM) (PM)	
Well on Li	ine:	;	Started	20) at					20	at	(AM) (PM)	
						OBŞERVE	ED SURFACE	DATA		_	Duration of Shut-	in_24`Hou	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressi		Flowing Well He Temperature t		Wallhaad Praceura		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	•		psig (Pm)	Inches H ₂ 0			95/g 325	psia	psig 125	psia			
Flow											· · · · · · · · · · · · · · · · · ·		
						FLOW ST	REAM ATTRIE	UTES					
Plate Coefficeient {F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m xh	Grav Fact F _g	· .	Temperature Fa		viation Metered Flow actor R F _{PV} (Mcfd)		(Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
(P _c)² =		_:	(P _w) ² =	·	(OPEN FLO		/ERABILITY) % (P.	CALCUL - 14.4) +		<u>.</u>	(P _a);	? = 0.207 ? =	
(P _c) ² - (P or (P _c) ² - (P		(P	P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P ₂ -P ₂	Backpress Slope 	sure Curve = "n" or	, n x l	.og	Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)	
				divided by: $P_c^2 \cdot P_w^2$	by:		Standar	d Slope				(Mildia)	
Open Flow	Open Flow Mcfd @ 14.65 psia						Deliverabil	verability Mcfd @ 14.65 psia					
The u	ndersi	anec	l authority, o		_	tates that I			o make th	_	rt and that he ha		
				aid report is true	and correct	t. Executed Rec		h		ecember		, 20 <u></u>	
			Witness (f any)		JAN 0	1 4 2016 [—]			For C	ompany		
			For Comm				ION DIVISION				ked by		

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I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the DARNES "A" #4 gas well on 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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 12/30/2015 Signature:
CONSERVATION DIVISION WICHITA, KS

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.