KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Rev	rerse Side)			e.
✓ Op	en Flov	N			Test Date	. -			ΔĐI	No. 15		
De	liverabi	lty			10/02/2					077-21497	7-0000	
Company Atlas Op		g LL	C				Lease KERN(NAHC			1	Well Number 6
County HARPE	ER		Location SW-NV		Section 7		TWP 31	-	RNG (E/	W)	,	Acres Attributed
Field SPIVE	Y GR	ABS	3		Reservoir MISSIS				Gas Gat ONEC	hering Conne	ection	
Completic 01/12/0		е			Plug Bac 4520	k Total Dept	th		Packer S	Set at	•	
Casing S 4 1/2	lize		Weight 10.5		Internal (Diameter	Set a 452 2			rations 1'-4379'	To 4419'-	4422'
Tubing S 2 3/8	ize		Weight 4.7		Internal [Diameter	Set a	t	Perfo	rations	То	
Type Cor		(De	scribe)			d Production	n		Pump Ur PUMP	nit or Traveling	Plunger? Yes	/ No
Producing		(Ann	ulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gra .676	avity - G _g
Vertical E		i)				Pres	sure Taps					Run) (Prover) Size
Pressure	Buildu	p: 8	Shut in10/0)22	0_13_at_1	2:00	(AM) (PM)	Taken_10)/03	20	13 _{at} 1:45pn	n (AM) (PM)
Well on L	.ine:	5	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
	·					OBSERVE	D SURFACE	DATA			Duration of Shut-	n 24 Hours
Static / Dynamic	Orific Size	- 1	Circle one: Meter Prover Pressui	Pressure Differential	Flowing Temperature	Well Head Temperature	Casi Weilhead	Pressure	Wellhe	ubing ad Pressure	Duration (Hours)	Liquid Produced (Barrels)
Property	(inch	es)	psig (Pm)	Inches H ₂ 0	t	t	(P _{**}) or (P psig	psia	psig	(P _c) or (P _c)	(riodia)	(Darreis)
Shut-In							130		105			
Flow	<u> </u>		,									
	r					FLOW STR	REAM ATTR	BUTES				
Plate Coeffied (F _b) (F Mofd	ient		Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F _{rt}	Fa	iation ctor : pv	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P)	² = 0.207
(P _c) ² =		<u>.</u> :	(P _w) ² =_	<u> </u>	P _d =		% (P	_a - 14.4) +	14.4 =	<u>_</u> :,	(P _a):	
(P _e) ² - (I or (P _e) ² - (I		(P,	,)² · (P _w)²	Choase formule 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ fivided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P ₂ -P ₂	Slop	ssure Curve e = "n" or signed ard Slope	l n x	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
	•											
Open Flo				Mcfd @ 14.	65 neia		Deliverab	ilihe			Mcfd @ 14.65 psi	
					_			-				
		_	•	i benait of the			•				rt and that he ha	, 2013
			, =	,			C WIC			lais	Wanch	
			Witness (if				N 02 2				Company	
			For Commi	ssion			RECEIV			Chec	ked by	

exempt status or and that the for correct to the b of equipment in	ander penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC regoing pressure information and statements contained on this application form are true and est of my knowledge and belief based upon available production summaries and lease records istallation and/or upon type of completion or upon use being made of the gas well herein named. Quest a one-year exemption from open flow testing for the KERNOHAN #6
	grounds that said well:
I further ag	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 aree to supply to the best of my ability any and all supporting documents deemed by Commissionary to corroborate this claim for exemption from testing.
Date: 12/31/26	013
	Signature:

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. **KCC WICHITA**

JAN 02 2014