KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:				(5	See Instructi	ons on Reve	rse Side)	I				
√ Ope	en Flow				Test Date:	,			A D1	No. 15			
Deli	iverabilt	y			10/15/20					191-01027-0	001		
Company Atlas Ope		LLC	.			<u> </u>	Lease Hudson				2-22	Well Nu	mber
County Sumner	·· -		Location NW-SE-N		Section 22	-	TWP 34S		RNG (E/	W)		Acres A	attributed
Field Subera		_			Reservoir MISSIS					nering Conne peline Mid C		-	to-
Completion 12/04/95				-	Plug Back 4747	Total Depti	h		Packer S 4240	et at		J	W. W.
Casing Si 5 1/2	ze		Weight 15.0		Internal D	iameter	Set at 4741		Perfor	rations 5	т _о 4325	· .	KCC W AN 08 RECEIVE
Tubing Size 27/8	ze		Weight 4.7		Internal D	iameter	Set at 4240	,	Perfo	rations	То	-	CCEIVE
Type Com		(Des	scribe)			Production	l	••	Pump Ur PUMP		Plunger? Yes	s / No	`
Producing	•	Anni	ılus / Tubing)		% c	arbon Dioxid	de		% Nitrog 11.50		Gas 0	aravity - (G ₀
Vertical D 4747						Press PIPE	sure Taps						rover) Size
Pressure	Buildup	: S	hut in10/1:	5 20	0.15 at 1			Taken_10	/16	20	15 at 11:00	MA C	(AM) (PM)
Well on L	.ine:	S	tarted	20) at		(AM) (PM)	ſaken		20	at		(AM) (PM)
			-			OBSERVE	D SURFACE	DATA			Duration of Shi	_{ut-in} _24	Hours
Static / Dynamic Property	Orific Size (inche		Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casir Wellhead P (P _w) or (P ₁)	ressure	Wellhe	fubing ad Pressure r (P ₁) or (P _c) psia	Duration (Hours)		id Produced (Barrels)
Shut-In			_				100		80				
Flow													
	-		· · · · · · · · · · · · · · · · · · ·		r	FLOW STR	EAM ATTRI	BUTES					
Plate Coeffice (F _b) (F	cient _p)		Circle one: Meter or ver Pressure psia	Press Extension P _m xh	Grav Fac F	tor	Flowing Temperature Factor F _{ft}	Fa	iation ctor pv	Metered Flor R (Mcfd)	w GO (Cubic Barr	Feet/	Flowing Fluid Gravity G _m
					(0.055) 51	<u> </u>	750 4 DH 1990	041.011					<u> </u>
(P _c) ² =		.:	(P _w) ² =_	:	(UPEN FL		'ERABILITY) % (P.	; - 14.4) +		:		$(a_0)^2 = 0.3$ $(a_0)^2 = 0.3$	207
(P _c) ² - (or (P _c) ² - ((P	c)2- (P _w)2	1. P _c ² - P _a ² 2. P _c ² - P _d ² ivided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Stop Ass	sure Curve e = "n" or igned ird Slope		rog	Antilog	De	pen Flow Hiverability Is R x Antilog (Mcfd)
													
												<u> </u>	
Open Flo	ow			Mcfd @ 14.	.65 psia		Deliverabi	lity			Mcfd @ 14,65	psia	
		_	••	behalf of the			•			-	ort and that he		wledge of 20 15
			., 1791 00						, <u>-</u> -				· ·- <u></u> ·
-			Witness (if	any)	•		_	-		For	Company		
	-		For Commi	ssion			_			Che	ecked by		

		=	he state of Kansas that I am auth operator Atlas Operating LLC	norized to request
			nts contained on this application	form are true and
orrect to	the best of my knowledge	e and belief based upon	available production summaries	and lease records
	•		upon use being made of the gas w testing for the <u>Hudson #2-22</u>	vell herein named.
	on the grounds that said v			
l furt	is a source of n is on vacuum at is not capable of	nger lift due to water atural gas for injection in the present time; KCC a of producing at a daily ra	nto an oil reservoir undergoing EF approval Docket No ate in excess of 250 mcf/D and all supporting documents dee	
	ecessary to corroborate	this claim for exemption	a from testing.	
		Signature:	· ca/-	

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.