KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Instruc	tions on Re	everse Side))			
✓ Op	en Flo	w				Test Date	j.			ΔDI	No. 15		
De	eliverab	ilty				01/28/20					007-00189-0	0000	
Company Atlas Op		ng, L	LC					Lease Cook, F	R. B.			1	Well Number
County Location Barber SW-NE-NE				≣	Section 20		TWP · 34	. ,		W)		Acres Attributed	
Field Hardtner				Reservoi				Gas Ga ONEO	thering Conne	ection ·			
Completion Date 12/06/1955				Plug Bac 4796	k Total Dep	th .	4	Packer	Set at				
Casing Size Weight 5 1/2 14				Internal I	Diameter		Set at 4829		rations 2	то 4752	то 4752		
			Weig 4.7	ht			Internal Diameter 1.995		Set at 4760		orations	То	
Type Cor Casing	npletio	n (D	escribe)				d Productio			Pump U	nit or Traveling Unit	Plunger? Yes	/ No
Producin	g Thru	(An	nulus / Tubir	ng)		% C	arbon Diox	ide		% Nitrog		Gas G	ravity - G
Annulus				.003				7.114		.625			
Vertical Depth(H)					Pressure Taps				***************************************	(Meter	Run) (Prover) Size		
4752							Pipe					4	
Pressure	Buildu		Snut in	/28	2							<u>14</u> at	
Well on L	ine:		Started		2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
							OBSERVE	D SURFAC	E DATA			Duration of Shut	-in Hours
Static / Orifice Dynamic Size Property (inches)		:e	Meter Prover Pressure		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
		es)					t	psig	psia	psig	psia	(110010)	(5000)
Shut-In								35		0			
Flow								,					
							FLOW STE	REAM ATTE	RIBUTES				
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle ane: Meter or Prover Pressure psia		Press Grav Extension Fact ✓ P _m x h F _g		tor Temperature		Fa	Deviation Metered Fi		v GOR (Cubic Fe Barrel)	eet/ Fluid Gravity
				J		(OPEN EL	OW) (DELIV	/ERABILITY	V) CAL CIII	ATIONS			
(P _c) ² =		_:	(P _w) ²		:	P _d =			P _c - 14.4) +		:	(P _a)) ² = 0.207) ² =
(P _c) ² - (I or (P _c) ² - (I	•	(F	P _c)²- (P _w)²	1	se formula 1 or 2 . P _c ² - P _g ² . P _c ² - P _d ² ed by: P _c ² - P _g ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slo As	essure Curve ope = "n" or ssigned dard Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
					· · · · · · · · · · · · · · · · · · ·								
				······································	······································							,	
Open Flo	w				Mcfd @ 14.	65 psia		Deliverat	bility			Mcfd @ 14.65 ps	ia
The	unders	igned	d authority, o	on be	half of the	Company, s	states that h	ne is duly a	uthorized t	o make tł	ne above repo	rt and that he ha	as knowledge of
he facts s	tated t	herei	n, and that s	aid r	eport is true	and correc	t. Executed	I this the 2	9th	day of _d	anuary	Quach .	, ₂₀ <u>14</u>
			Witness	(if any)			-		12	IVV) VV	COMPANY	KCC WICHI
													FEB 0 7 2014
			For Com	mSSIOI	1			•			Chec	cked by	RECEIVED

exempt status under Rule K.A.R.	erjury under the laws of the state of Kansas that I am authorized to request 82-3-304 on behalf of the operator Atlas Operating, LLC
correct to the best of my knowled	information and statements contained on this application form are true and dge and belief based upon available production summaries and lease records
	exemption from open flow testing for the Cook, R. B. #1
gas well on the grounds that said	d well:
is cycled on p is a source of is on vacuum	nethane producer blunger lift due to water natural gas for injection into an oil reservoir undergoing ER at the present time; KCC approval Docket No e of producing at a daily rate in excess of 250 mcf/D
staff as necessary to corroborate	ne best of my ability any and all supporting documents deemed by Commission this claim for exemption from testing.
Date: 01/29/2014	
	Signature: 1 Zhis Warreck
	Title: Regulatory Coordinator
	•

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.

FEB 07 2014

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