KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test			OIVL	FOINT 3			tions on Re			LIKADILII	1 1201	
= :	en Flo				Test Date	Э				No. 15		
	liverab				08/20/2	014			095	5-21718-0000		Well Number
Company Atlas Op		ıg LL	-C				Lease MORF	RIS-WOI	_F-KEIN	ИłG	5	vveii Number
County KINGM	AN		Locat: CW/2-	on -NW-SE	Section 35	Section 35		TWP 30		/W)		Acres Attributed 40
Field SPIVEY		ABS			Reservoi	r SSIPPI			Gas Gat	hering Conne	ction	
Completic 04/17/9		e	·		Plug Bac 4498	Plug Back Total Depth 4498			Packer S	Set at		· · · · · · · · · · · · · · · · · · ·
Casing Si 5 1/2	ze		Weigh 15.5	nt	Internal Diameter 5		Set at 4521		Perforations 4409		To 4450	
Tubing Si: 2 3/8	ze		Weigh	nt	Internal Diameter		Set at 4481		Perforations		То	· · · · · · · · · · · · · · · · · · ·
Type Completion (Describe) CASING				Type Flui	d Productio		Pur		ump Unit or Traveling Plunge		/ No	
Producing Thru (Annulus / Tubing)					WATER Carbon Diox	ide				Gas G	ravity - G _g	
ANNULUS					Duran Tara						.675	
Vertical Depth(H) 4401				Pressure Tap PIPE						(Meter 2	Run) (Prover) Size	
Pressure Buildup: Shut in08/20			20 2	0_14_at_8	:30	(AM) (PM)	Taken_08	3/21	20 .	14 _{at} 8:30	(AM) (PM)	
Well on L	Well on Line S			2	. 20 at							(AM) (PM)
	•					OBSERVE	D SURFAC	E DATA	•		Duration of Shut	-ın 24 Hours
Static / Dynamic Property	Orifice Size (inches)		Circle one Meter Prover Pressi psig (Pm)	Pressure Differential ure In Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	(P _w) or (P _l) or (P _c)		Wellhe	Tubing ead Pressure r (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			P 3 (,	1101100 1120			psig 10	psia	psig	psia		
Flow		-							-			
						FLOW STE	REAM ATTR	RIBUTES				
(F _b) (F _f	Coeffiecient		Orcle one Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F _{ft}	Fa	riation actor = pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	eet/ Fluid
· .			·		(OPEN FI	OW) (DELIV	/ERABILITY) CALCUI	ATIONS			
(P _c) ² =		_ •	(P _w) ² =	:	-			P _c - 14.4) +) ² = 0.207) ² =
(P _c) ² - (F		(F	P _c) ² - (P _w) ²	Choose formula 1 or 2 1 $P_c^2 - P_a^2$ 2 $P_c^2 - P_d^2$ divided by $P_c^2 - P_d^2$	LOG of formula 1 or 2 and divide	P _c ² - P _w ²	Slo As	essure Curve pe = "n" - or ssigned lard Slope	n v	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				, c w								
		•										
Open Flow	N			Mcfd @ 14.	65 psia		Deliverat	ollity		N	//cfd @ 14.65 ps	ila
				n behalf of the						ne above repor eptember	t and that he ha	as knowledge of
اد اعداد عا	idigu I	. 10161	ii, and inat Si	aid ropoit is till	, and conec	L.XGOUIGU	u.e		uay UI			Receiver
			Witness (ıf any)			-			For Co	ompany	KANSAS CORPORATION (
			For Comm	nission			-	i		Check	ed by	OCT 0.3.2

l doc	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	tatus 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
	nent installation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for the MORRIS-WOLF-KEIMIG #5
	on the grounds that said well:
	(Check one)
	ıs 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
furt	her agree to supply to the best of my ability any and all supporting documents deemed by Commission
	ecessary to corroborate this claim for exemption from testing.
	ecessary to corroborate this claim for exemption from testing.
staff as r	ecessary to corroborate this claim for exemption from testing.
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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.

The form must be Received KANSAS CORPORATION COMMISSION