KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t				(See Instru	ctions	on Reve	erse Side)							
🗹 Op	en Flo	w			Tool Date					ADI	. h.l	45					
Deliverabilty				Test Date: 12/18/2014			API No. 15 15-007-10342-000						1				
Company Atlas Op		ıg, L	LC	-				ease Iossie R	loth					1	Well No	mber	
				Section 25				TWP 33			RNG (E/W) 14W			Acres Attributed			
Field Aetna Ga	as Are	a a			Reservoir Mississi			-		Gas Ga ONEO		g Conn	ectio	n			
Completic 10/16/19		te			Plug Bac 5020	k Total De	pth			Packer \$	Set a	1					
Casing Size Weight				Internal [5.012	Internal Diameter 5.012			Set at 5075			ns		то 4780				
			Internal I	Internal Diameter 1.995			Set at 4785			Perforations			То				
Type Con Casing	npletio	n (D	escribe)	,	Type Flui	d Producti Water	on			Pump U		Traveling t	Plut	nger? Yes	/ No		
Producing	g Thru	(An	nulus / Tubing	1)	% C	arbon Dio	xide			% Nitrog	-			Gas Gı	avity - (₹,	
Annulus		1			.1319	.1319				1.6015				.671			
Vertical D 5076	epth(l	H)				Pre Pip	essure e	Taps						(Meter 4	Run) (P	rover) Size	
	Buildu	p:	Shut in12/	18 2	0_14_at_1	•)(PM) 1	Taken 12	2/18		20	14	at 10:30		(AM)(PM)	
Well on L	ine:		Started	2	0 at							20	_	at		(AM) (PM)	
_	•					OBSERV	ED SI	JRFACE	DATA				Dura	ation of Shut	_{in} 24	Hours	
Static / Orific Dynamic Size Property (inche		ice	Circle one: Meter	Pressure Differential	e Flowing Woll		Casing Wellhead Pressure		•	Tubing Wellhead Pressure			Duration			Liquid Produced	
		Prover Press		I .	Temperature t	Temperatur t	$(P_w) \text{ or } (P_l) \text{ or } (P_c)$		or (P _c)	(P _w) or (P _t) or (P _a)			(Hours)		(Barrels)		
Shut-In			paig (Fill)	miches 11 ₂ 0	-		11	osig O	psia	psig 40		psia					
Flow							1	* †									
		_				FLOW ST	REAN	ATTRIE	BUTES	'				•	1		
Plate	1		Circle one:	Press	Grav	vitv		wing	Dev	iation	M	etered Flo	_	GOR		Flowing	
Coeffiectent (F _b) (F _p)		Pro	Meter or over Pressure	Extension	Fac	tor	Temperature Factor		Fa	Factor		R		(Cubic Fee		et/ Fluid Gravity	
Mcfd			psia 	✓ P _m xh	- F,			n	ļ	рv		(Mcfd)		Barrel)	l	G _m	
(P _c) ² =		:	(P _w)² ≃	:	(OPEN FL		VERA	•	CALCUL - 14.4) +			:		(P _a) (P _d)) ² = 0.2	07	
				Choose formula 1 or 2.	:				sure Curve			Г 7			Τ	en Flow	
(P _c)²- (I		(1	P _c) ² - (P _w) ²	1. P _c ² -P _d ² 2. P _c ² -P _d ²	LOG of formula 1, or 2.		.	•) ≍ "ก")r	пх	LOG			Antilog	Def	iverability R x Antilog	
(P _c)²- (I	P _d) ²			divided by: P _c ² - P _w ²	and divide	P _c ² -P _w ²			gned d Slope	}						(Mcfd)	
				· · · · · · · · · · · · · · · · · · ·										· ·			
			-														
Open Flo	w			Mcfd @ 14.	65 psia		De	eliverabili	ity	1			Mcfd	l @ 14.65 ps	ia		
The t	unders	igne	d authority, or	n behalf of the	Company, s	states that	he is	duly auti	horized to	o make t	he at	ove repo	rt an	id that he ha	as know	ledge of	
the facts s	tated t	here	in, and that sa	ald report is true	e and correc	t. Execute	ed this	the 30t	h	day of <u>J</u>	anua	iry	•		•	₂₀ <u>15</u> .	
			148		KA	VSAS CORPO			SION								
			Witness (i	i any)		FEB	09	2015				For	Compa	ny			
	-		For Comm	ission		CONSERVI	ATION (HITA, K	D ivision (S				Che	cked b	у			

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating, LLC
and that the fore correct to the bes of equipment inst I hereby requ	egoing pressure information and statements contained on this application form are true and st of my knowledge and belief based upon available production summaries and lease records tallation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the Flossie Roth #1 prounds that said well:
I further agre	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 et to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date: 01/30/201	5
KAN	Received ISAS CORPORATION COMMISSION FEB 0 9 2015 CONSERVATION DIVISION WICHITA, KS Received Signature: 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.