Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:	:					6	See Instru	etion	s on Reve	erse Side,) .					•	
✓ Open Flow						Test Date: API No. 15											
Deliverabilty						1/28/201		15-047-20356-0000									
Company PINTAIL		RÓL	EUM, LTD						Lease VOEGEL	.]		.		1A	Vell Nu	mber	
County Location EDWARDS NW NW						Section 29 ,			TWP 26S		RNG (E/W) 17W			Acres Attributed			
Field MULL W					Reservoir MISSISSIPPI					Gas Gathering Connec		ectio	ection				
Completic 5/1978	n Dat	е			•	Plug Bac	k Total De	epth			Packer Se	et at					
Casing Size Weight 1/2"					Internal Diameter			Set at 4632		Perforations 4537		-	то 4550		·		
Tubing Size Weight					Internal Diameter			Set at		Perforations		-	То		y."		
Type Com	pletion	ı (Di	escribe)		,	Type Flui WATE		ion			Pump Uni PUMP	t or Traveling UNIT	Plui	nger? (Yes)	/ No		
Producing Thru (Annulus / Tubing)						arbon Did	oxide			% Nitrogen			Gas Gravity - G				
TUBING					.148	_ ·		2.46			ı66			.609			
Vertical D 4632	epth(H								e Taps		· · ·			2"		rover) Size	
Pressure	Buildu	p:	Shut in 1/2	27	20	15 at 8	:00	_ (A	M) (PM) 1	Taken1/2	28	20	15	at 8:00		(PM)	
Well on L	ìne:		Started	_	20	at		(A	M) (PM) 1	Taken		20	_	at		(AM) (PM)	
					,		OBSER	VED S	SURFACE	DATA			Dur	ation of Shut-i	in	Hours	
Static / Dynamic Property	namic Size		e Prover Pressure		in	Flowing Temperature t	1	t (P _w)		ng Pressure) or (P _c)	Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)			Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	:-In		psig (Pm) 1r		Inches H ₂ 0			- 1	psig 160#	psia	75#	psia	24	HRS	1 B'	WPD	
Flow	Flow		:		. 1												
	-		_				FLOW S	TREA	M ATTRIE	BUTES							-
Plate Coeffiec (F _b) (F Mcfd	ient	Circle one: Meter or Prover Pressure psia			Press Extension P _m x h	tension Fac		Flowing Temperature Factor F _{II}		Deviation Factor F _{pv}		Metered Flow R (Mctd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
						(OPEN FL	OW) (DEL	_IVER	RABILITY)	CALCUL	ATIONS				² = 0.2	207	
(P _c) ² =		_:	(P _w) ²		<u> </u>	P _d ≈		<u>-</u> %	(P	- 14.4) +	14.4 =	:		(P _d)	<u>=</u>		
$(P_c)^2 - (P_d)^2$ or $(P_c)^2 - (P_d)^2$		(P _o) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²		LOG of formula 1, or 2, and divide by;	P.2- P.2		Backpressure Cun Slope = "n" or Assigned Standard Slope		nxL	og		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
																_ -	l
Open Flo	. 28	_			Mcfd @ 14.6	85 psis		L	Deliverabil	litv		<u>-</u> -	Mcf	d @ 14.65 psi	ia		
		lana	el acceleración	-			ntataa iba				o maka tin	o above ron				uledge of	
		_			enair or the report is true				_			EBRUARY	ort d	nd that he ha		20 <u>15</u>	
		•					Rec	elve			7	· .		KANS	SAS CO	RECEIVED RPORATION C	OMŅ
			Witness				APR (2015	Lue	i Va	ui .	Compa	· · · · · · · · · · · · · · · · · · ·	F	B 172	015
		•	For Con	inissio	ΣΠ		NSERVAT	•	-			Cni	,	- y		SERVATION DI	

WICHITA, KS

WICHITA, KS

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator PINTAIL PETROLEUM, LTD 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 of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the VOEGELI #1A gas well on the grounds that said well:
(Check one) 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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: _2/5/2015
Received KANSAS CORPORATION COMMISSION APR 0 1 2015 CONSERVATION DIVISION WICHITA, KS Signature: July July PRODUCTION & COMPLIANCE MANAGER

. 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 RECEIVED signed and dated on the front side as though it was a verified report of annual test results. KANSAS CORPORATION COMMISSION