RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: en Flo						See. Instru	ctions on Re	verse Side	;)			•			
	liverab			٠.		Test Date 1/25/20		•			No. 15 145-00182-0					
Company		ROL	EUM, LTD				1-7	Lease KASSE	LMAN O				1	Well Nur	nber	
County	E		Local			Section 14		TWP 23S		RNG (E/	W)			Acres A	tributed	
Field ZOOK						Reservoir	Reservoir CONGLOMERATE				hering Connection		٠ ,	· ·		
Completic 4/1972	on Dat	е				Plug Bac	k Total De	pth		Packer S	Set at	· .		•		
Casing S 5 1/2"	ize		Weig	ht		Internal C	Diameter		Set at 4185		Perforations 4004		To 4065		-	
Tubing S	ize		Weig	ht		Internal [Diameter	Set	at.	Perfo	rations	• •	То		·	
Type Cor FRAC	npletio	n (De	escribe)			Type Flui WATE	d Producti R	on		Pump Ur PUMF	nit or Traveling	Plunger	? Yes	/ No	•	
	Producing Thru (Annulus / Tubing) TUBING			% C	arbon Dio	xide	e % Nitrogen 12.326			Gas Gravity - G _g .670			9			
Vertical D		1)				-	Pre	ssure Taps		12.52				Run) (Pr	over) Size	
Pressure	Buildu	p:	Shut in1/2	24	21	0 14 at 8	:00	(AM) (PM)	Taken_1/	25	20	14 at	8:00	(/	AM) (PM)	
Well on L											20			,	, , ,	
						*	OBSERV	ED SURFAC	E DATA			Duration	of Shut-	-in	Hours	
Static / Dynamic Property	nic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		Wellhead (P _w) or (F	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)	
Shut-in	1/2"							psig 80#	- psia	psig 80#	psia	24		2 BV	VPD .	
Flow																
							FLOW ST	REAM ATTE	RIBUTES	· 	,					
Coeffiec (F _b) (F	Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia		Press Extension P _m xh	Fact	Gravity Te Factor F		Flowing Deviation Factor F _{pv}		tor R		w GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _m	
													,			
•	•					•	OW) (DELI	VERABILITY	•		•			² = 0.20	17	
$(P_c)^2 =$		_:_	(P _w) ² =		ose formula 1 or 2:	$P_d =$		· ·	P _c - 14.4) +		:.		(P _d)	2 =	<u> </u>	
(P _c) ² - (I or (P _c) ² - (I	a'	(F	P _c) ² - (P _w) ²	:	1. P _c ² - P _a ² 2. P _c ² - P _d ² led by: P _c ² - P _c 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 x l	LOG	An	tilog	Deliv Equals	en Flow verability R x Antilog Mcfd)	
V					ed by. T c T w	- Sy.	<u> </u>	Otano	au diolope		·	• •				
						-	•					•				
Open Flo	w 30				Mcfd @ 14.6	65 psia		Deliverat	oility 30			Mcfd @	14.65 ps	ia		
. The (unders	igned	d authority, c	on b	ehalf of the	Company, s	tates that	he is duly a	uthorized to	o make th	ne above repo	rt and th	nat he ha	as knowle	edge of	
the facts s	tated t	herei	n, aṇd that s	aid	report is true	and correc	t. Execute	d this the 1	8	gay of F	EBRUARY			, 2	0	
			Witness	(if any	· y)			,	Du	e Wal	For C	ompany		(CC	WICH	
			For Com		***		·	• -	· · · · · · · · · · · · · · · · · · ·	•						
			FOI COUL	maşiC	<i>a</i> :						Chec	ked by		LFR	19 201	

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request nder Rule K.A.R. 82-3-304 on behalf of the operator PINTAIL PETROLEUM, LTD
	egoing pressure information and statements contained on this application form are true and
correct to the be	st of my knowledge and belief based upon available production summaries and lease records
	stallation and/or upon type of completion or upon use being made of the gas well herein named.
	uest a one-year exemption from open flow testing for the KASSELMAN OWWO #1
gas well on the	grounds that said well:
(Cha	ck one)
(Chec	
	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
Ŀ	is on vacuum at the present time; KCC approval Docket No
1.1	/
V	is not capable of producing at a daily rate in excess of 250 mcf/D
_	is not capable of producing at a daily rate in excess of 250 mct/D ee to supply to the best of my ability any and all supporting documents deemed by Commission ary 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.

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