KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	n Flow rerabilty	· · · · · ·		Test Date 2/20/20		ions on Rev	erse Side	API I	No. 15 147-20356-0				
Company				2/20/20		Lease		13-0				Well Num	ber
	PETRO	LEUM, LTD				VOEGE					1A		· · · · ·
County EDWARDS	S	. · Locat		Section 29		TWP 26S		RNG (E/V 17W	N)			Acres At	ributed
Field MULL W				Reservoir			· .	Gas Gath SEMGA	ering Conn S	ection			
Completion 5/1978	Date .			Plug Bac	k Total Dept	h		Packer Se	et at .				
Casing Size	е	Weigl	nt	Internal [Diameter	Set a 4632		Perfor 4537			то .4550		
Tubing Size	е	Weigl	nt ,	Internal C	Diameter	Set a		Perfor	ations		То		
Type Comp	letion (l	Describe)		Type Flui WATE	d Production	n		Pump Uni	it or Traveling UNIT	g Plunge	er? Yes	/ No	
Producing 1 TUBING	Thru (A	nnulus / Tubin	•	% c	Carbon Dioxi	de		% Nitroge 2.466	en		Gas Gr .609	avity - G	
Vertical Dep	pth(H)				Pres	sure Taps					(Meter 2"	Run) (Pro	ver) Size
Pressure Bu	uildup:	Shut in 2/1	9 2	14 at 8	:00	(AM) (PM)	Taken_2/	20	20	14 at	_	(A	M) (PM)
Well on Line	e:	*	2								•		
				•	OBSERVE	D SURFACE	DATA			Duratio	on of Shut-	in	Hours
Static / Dynamic Property	ynamic Size		Pressure Differential in Inches H ₂ 0	Flowing Temperature	Well Head Temperature t	Casing Wellhead Pressure ' (Pw) or (Pt) or (Pc) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		psig (Pm)				215#	psia	75#	psta	24 H	IRS	1 BV	/PD
Flow													
<u></u>			T	·	FLOW STR	EAM ATTRI	BUTES						
Plate Coeffiecier (F _b) (F _p) Mcfd		Circle one: Meter or rover Pressure psia	Press Extension P _m x h	Grav Fac	tor 1	Flowing Femperature Factor F _{tt}	Fa	riation ·	Metered Flor R (Mcfd)	w .	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
											· _		
			•	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS				² = 0.20	7
(P _c) ² =	<u>:</u>	(P _w) ² =		P _d =		% (P	_c - 14.4) +	14.4 =	<u> </u>		ر (P _d)	² =	
(P _c) ² - (P _a))2	(P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _c ²	LOG of formula 1. or 2.		Slop	sure Curve e = "n" or	nx L	og ·	A	ntilog	Deliv	n Flow erability R x Antilog
(F _c) (F _d)	r . ·		divided by: P _c ² - P _w ³	and divide by:	P _c ² - P _w ²		igned ard Slope		.L J			1 .	1cfd)
		· · · · · · · · · · · · · · · · · · ·											
	.	• •				<u> </u>				<u> </u>	·	<u> </u>	
Open Flow	28		Mcfd @ 14.	65 psia		Deliverab	lity 28	,		Mcfd @	14.65 ps	ia	•
•	Ū	-	on behalf of the aid report is true						e above repo	ort and	that he ha	as knowle	. 4.4:
				· · ·			S	me D	auis		KC	C W	CHIT
		For Com				_	, , , , , , , , , , , , , , , , , , , ,			Company ecked by	FE	B 26	2014

	\ •		f the state of Kansas that ne operator PINTAIL PET	•	request
		•	nents contained on this a		rue and
correct to the bes	st of my knowledge	and belief based up	on available production su	ummaries and lease	records
* *	•	• •	or upon use being made o	· .	named.
			ow testing for the VOEGE		
jas well on the g	rounds that said we	311.			
(Checi	k one)				
. ` []	is a coalbed meth	hane producer			
	 	iger lift due to water			
			n into an oil reservoir unde	ergoing ER	
	1		C approval Docket No		
✓	1	•	rate in excess of 250 mc		
	,				
=	ee to supply to the b	pest of my ability an	y and all supporting docur		ommission .
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staff as necessa	ee to supply to the b	-	y and all supporting docur		ommission
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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 COUNTY Signed and dated on the front side as though it was a verified report of annual test results.

FEB 2 6 2014