KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test						(See Ins	tructi	ions on Rev	rerse Side	•)					
= :	en Flo liverat					Test Date						l No. 15				
Company						12/5/20	112		Lease	***	15-	-007-21148	3-0004	Welf	l Number	<u> </u>
Indian C)., Ir							Swartz	owwc)		1			
County Barber			Locat N2 N2			Section 31			TWP 31		RNG (E 11W	:/W)		Acre 320	es Attribo)	betu
Field Whelan					, ,	Reservoir Elgin	r				Gas Ga West	thering Conr Wichita Ga	ection s Gatherin	g		
Completion 6/21/19		te				Plug Bac 3500 C		Depti	h		Packer :	Set at				
Casing Si	ize		Weig	ht		Internal E		r	Set at 4728		Perforations 3332		To 33	37	-	
Tubing Si	ize		Weig	ht		Internal E	Internal Diameter			Set at		Perforations		<u> </u>		
2.375 Туре Соп	npletio	n (D	escribe)			Type Flui	d Produ	ction		3332 open Pump Unit or Trav			a Plunger?	Yes / N	ło	
	-		, , , , , , , , , , , , , , , , , , ,								Pump	ing Unit				
Producing annulus		(Ani	nulus / Tubin	g)		% C	arbon [Dioxk	de		% Nitrog	gen	Ga	as Gravity	/ - G	
Vertical D	epth(F	1)	v	·-·-·			F	ress	sure Taps				(M-	eter Run)) (Prover) Size
4731			De	cer	nher 4	12				D	20.5		12			
			Shut in									20				•
Well on L	ine:		Started		2	0 at		<u> </u>	(AM) (PM)	Taken		20	at		(AM)	(PM)
							OBSE	RVE	SURFACE	DATA			Duration of 8	Shut-in_		_Hours
Static / Dynamic		rifice Circle one: Pressure Meter Differential		Flowing	· ·				Tubing Wellhead Pressure		Duration		Liquid Produced			
Property	(inch	-	Prover Press paig (Pm)		in Inches H _s 0	Temperature t	rempera t	ture	(P _w) or (P _t) or (P _c)	(P _w) o	or (P _t) or (P _c)	(Hours)		(Barrel	s)
Shut-In									110	рена	110	peis	24	_		
Flow											·		<u> </u>			
			I				FLOW	STR	EAM ATTRI	BUTES		I	I			
Plate Coeffieci (F _b) (F	ient	Circle one: Meter or Prover Pressure			Press Extension	Grav Fact	tor	To	emperature Fac		lation Metered Flow		(Cut	GOR bic Feet/	Flowing Fluid Gravity	
Mcfd	Meld		psia		✓ P _m xh	F,	'		F,,	<u>'</u>	þv	(Mcfd)	В	iarrei)		G,
						(OPEN EL	OW) (DE	:1 1/8	ERABILITY)	CALCUI	ATIONS					
(P _c) ² =		_;	(P _w) ² •	*	:	P _d =	OW) (DE	%	•	, - 14.4) +		:		$(P_a)^2 = (P_d)^2 = (P_d$	0.207	
(P _c) ² - (F	P_)2	(F	P _c) ² · (P _w) ²	Cho	ose formula 1 or 2: 1. P _o ² • P _o ² 2. P _o ² • P _o ²				Backpres Slop	sure Curve e = "n" or	n x	LOG	Antilog		Open Fi Deliverati uats R x	oility
(P _c)·· (F	-,,-				led by: P _c ² · P _w ²	and divide by:	P,2.P,	2		igned ird Slope					(Mcfd	- 1
Open Flor					Mcfd @ 14.				Deliverabi			 	Mcfd @ 14.6	`		
			d authority, o						_			he above repo December	ort and that h	ie has kr	nowledge _ , 20 <u>1</u>	
****					_			_			m	ndl	6-	K	CC	
	•••		Witness	uran)	n 					Mic	hael	Farrar	Company 		11:11	ივი
			For Corn	nissio	m							Che	icked by		JUL	UJ Z

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Indian Oil Co., Inc.
	the foregoing pressure information and statements contained on this application form are true and
correct t	o the best of my knowledge and belief based upon available production summaries and lease records
	ment 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 Swartz OWWO
	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
l 6 1	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
ı iul	necessary to corroborate this claim for exemption from testing.
	recessary to corroborate this claim for exemption from testing.
	lecessary 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.