KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Re	everse Side))			
Open Flow				Test Date:				A IDI	No. 15			
Deliverabilty			06/10/2				1 5	140. 15	16-151-21,1	64-0001		
Company		SIE E	ENERGY, LL	.c	_		Lease SHRIV	ER	-	-	#1	Well Number
County Location PRATT NE SE NE			Section 9		TWP 26S		RNG (E 11W	(W)		Acres Attributed 160		
Field STARK	EAST	•	-		Reservoir MISSIS	SIPPIAN			Gas Ga ONEO	hering Conn K	ection	
Completion Date 9/15/82			Plug Bac 4077'	k Total Dept	h	_	Packer \$ 4014'	Set at				
Casing Size Weight 5 1/2" 14.0#				Internal [4.950"	Diameter	Set at 4129'		Perforations 4028		то 4044		
Tubing Size Weight 2 3/8" 4.7#				Internal E 2.00"	Diameter	Set at 4014'		Perforations NONE		То		
Type Con SINGLE						d Production	1			nit or Traveling	Plunger? Yes	/ No
Producing Thru (Annulus / Tubing) CASING				% C 0.033	% Carbon Dioxide			% Nitrog		Gas Gravity - G _o 0.773		
Vertical D		-)	<u>_</u>			Pres	sure Taps				(Meter I	Run) (Prover) Size
	Buildu	ıp:	Shut in06/1	0 2	15 at 9	:00	(AM) (PM)	Taken 06	6/11	20	15 at 9:00	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
			· ····			OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24 Hours
Static / Orific Dynamic Size Property (inche		8	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature		(P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			poig (r my	alonos rigo			10#	14.4#	psig	psia	24 hrs.	
Flow					_				_			<u> </u>
L			<u> </u>	_\		FLOW STR	EAM ATT	RIBUTES	.			
Plate Coefficcient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psla		Press Extension P _m xh	Extension Fac		Flowing femperature Factor F _{t1}	Deviation Factor F _{pv}		Metered Flov R (Mcfd)	w GOR (Cubic Fe Barrel)	et/ Flowing Fluid Gravity G _m
		ı										
(P _c) ² =	-	:	(P _w) ² =	•	(OPEN FL	OW) (DELIV		/) CALCUL P _c - 14.4) +		:	(P _a): (P _d):	? = 0.207 ? =
(P _c) ² - (F or (P _c) ² - (F	5 _a) ²	(F	P _c) ² - (P _w) ²	Shoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ Sivided by: $P_a^2 - P_w^2$	LOG of formula 1, or 2, and divide	P _c ² -P _w ²	Sig	essure Curve pe = "n" - or ssigned dard Slope	l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antitog (Mcfd)
					<u> </u>		-					
					<u> </u>		L					
Open Flor		_		Mcfd @ 14.		•	Delivera				Mcfd @ 14.65 psi	
				behalf of the id report is true						e above repo ecember	ort and that he ha	s knowledge of, 20
		,3.				CC W			Se	my M	int	
			Witness (if	any)		DEC 15	2015			Ford	Company	
			Fer Commi	ssion		_ _	~~10		<u> </u>	Cha	cked by	

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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 ABERCROMBIE ENERGY, LLC
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 SHRIVER #1 gas well on the grounds that said well:
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: December 14, 2015
KCC WICHITA Signature: Jang Mind DEC 1.5 2015 RECEIVED

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.