KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Re	everse Side	=)					
Open Flow Deliverabilty					Test Date		API No. 15 15-097-20201 ∽ ⊘⊘⊘							
Company ABERCROMBIE ENERGY, LLC							Lease EINSE					Well Number #1		
County Location KIOWA NE NE					Section 11		TWP 28S		RNG (E/W) 18W		Acres Attributed 640			
Field ALLSOTT				Reservoir LANSIN		-	Gas Gathering Co ONEOK		ering Conn	ection				
Completion Date 4/15/74					Plug Bac	k Total Dept	th			Packer Set at NONE				
Casing S 5 1/2"	ize		Weight 15.5#			Diameter	Set at 4933'		Perforations 4169		то 417 5			
Tubing Size Weig 2 3/8" 4.7#					Diameter	Set 415		Perforations NONE		То				
Type Completion (Describe) SINGLE GAS WELL					Type Flui WATE	d Production	n	Pump U		Unit or Traveling Plunger? Yes PING UNIT				
Producing Thru (Annulus / Tubing)					% C	arbon Dioxi	ie .		% Nitrogen		Gas Gravity - G _g			
CASING					0.19			11.96			0.686 (Meter Run) (Prover) Size			
Vertical Depth(H) 4175					Pressure Taps						(Meter I		over) Size	
Pressure Buildup:		Shut in <u>4/10</u>		2	0 14 at 9	:00	(AM) (PM) Taken_4/		/11 20		14 at 9:00	:00 (AM) (PM)		
Well on Line:		Started			20 at		(AM) (PM) Taken		20		at(AM		AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	_{in} 24	Hours	
Static / Orifice Dynamic Size		Circle one: Meter Prover Pressure		Pressure Differential in	Temperature Tempera		Melhead Proceure		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₂)				1 Produced Barrels)	
Property	(inches	psig (Pm)		Inches H ₂ 0	t	t	psig psia		psig psia			1		
Shut-In							75#	89.4#			24 hrs.			
Flow						EL OW STO				<u> </u>				
Diete		Circle one:			1	FLOW STR		IBUIES	<u> </u>				Flouring	
Plate Coeffiecient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fact F _e	tor T	Flowing Femperature Factor F _{rt}	Fa	iation etor = _{pv}	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
				•	(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS		(P _a)	2 = 0.2	07	
(P _c) ² =		: (P _w)		se formula 1 or 2:	P _d =		% (1	P _c - 14.4) +	14.4 =	==:-	(P _d)	=		
$(P_c)^2 - (P_n)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _a ² -P _a ² 2. P _a ² -P _a ² /ed by: P _a ² -P _a ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Backpressure C Slope = "n" or Assigned Standard Sto		e n x LOG		Antilog	Deti Equals	en Flow verability R x Antilog Mcfd)	
_														
Open Flor				Mcfd @ 14.	65 neia		Deliveral	oilitu.		<u>.</u>	Mcfd @ 14.65 psi	2		
								-			·			
	•	•					•			•	ort and that he ha		_	
ine facts si	tated the	rein, and tha	said	report is true					day of De		\/	, 2	20	
		Witne	ss (if any	v)	KAI	Rec NSAS CORPOR		NOICH	1sery	For	Company			
		For Co	mmissio	n			8 2014			Che	cked by			
					(CONSERVATI WICHIT	ON DIVISIOI TA, KS	N						

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 EINSEL #1
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.
Received KANSAS CORPORATION COMMISSION DEC 1 8 2014 CONSERVATION DIVISION WICHITA, KS Signature:

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.