KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Rev	erse Side	»)					
Op	en Flov	N			~ . ~ .									
☐ De	eliverabi	ilty			Test Date 12/11/20					No. 15 45-20458=	.0000			
Company White &		Drillin	ng, Inc.	_			Lease Kellems				#1	Well No	ımber	
County Location Pawnee C S/2 SE NW			Section 7				RNG (E/1	Acres Attributed						
Field Zook Ex	tensio	n		_	Reservoi Mississi					nering Conn Midstream	ection Partnership LLC	;		
Completic 03/28/77		е			Plug Bac 4139	k Total Dep	th		Packer S	et at				
Casing Size 4 1/2"			Weight 10.5#	t	Internal Diameter 3.958		Set at 4179		Perforations 4083		To 4097	то 4097		
Tubing Size 2 3/8"			Weight 4.6#		Internal E 1.901	Diameter	Set at 4130		Perforations		То	То		
Type Con						d Productio			Pump Un yes	it or Traveling	Plunger? Yes	/ No		
Producing	g Thru		nulus / Tubing)		arbon Diox	ide		% Nitroge	en	Gas Gr	avity - (G,	
Annulus Vertical E		l)				Pres	ssure Taps				(Meter i	Run) (P	rover) Size	
Pressure	Ruilde	n-	Shut in 12/1	11	0 14 1	0:00AM	(AM) (PM)	Taken 12	2/12	20	14 _{at} 10:00A	۱M	(AM) (PM)	
Well on L											at			
•				<u> </u>		OBSERVE	ED SURFACE	DATA			Duration of Shut-	in	Hours	
Static / Orifice Dynamic Size Property (inches)		9	Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Hear Temperature Temperatu		Wellhead Pressure (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	.375		F-13 (- 111)	1			psig 90	psia	psig	psla	24hrs			
Flow														
						FLOW STI	REAM ATTRI	BUTES					1	
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Grav Fac F ₄	tor	Flowing Temperature Factor F _{II}	Deviation Factor F _{pv}		Metered Flor R (Mcfd)	W GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
_		_			•		/ERABILITY)					² = 0.2	<u> </u>	
$(P_c)^2 = $ $(P_o)^2 - (P_c)^2 - ($		_: (F)2 - (P _w)2	Choose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _d ² 4. V _c ² - P _d ²	LOG of formula 1, or 2, and divide		Backpres Slop Ass	sure Curve e = "n" origned urd Slope	, n x l	og []	(P _d) Antilog	O Del Equal:	pen Flow liverability s R x Antilog (Mcfd)	
Open Flo			<u></u>	Mcfd @ 14.			Deliverabi	-			Mcfd @ 14.65 ps			
		nerei	n, and that sa	behalf of the id report is true	e and correc	t. Executed Receive	t this the 17		o make th		ort and that he ha		vledge of 20 <u>14</u> .	
	_,		Witness (if	any)	D	EC 29	2014			Far	Сотралу			
			For Commi	ssion	CON	SERVATION WICHITA, I				Che	cked by			

exempt status un and that the fore correct to the bes	der Rule K.A.R. 82-3-30 going pressure informa st of my knowledge and	ander the laws of the state of Kansas that I am authorized to request 04 on behalf of the operator White & Ellis Drilling, Inc. ation and statements contained on this application form are true and belief based upon available production summaries and lease records be of completion or upon use being made of the gas well herein named.
		ion from open flow testing for the Kellems #1
	rounds that said well:	
(Chec	is a coalbed methane is cycled on plunger is a source of natura is on vacuum at the p	
staff as necessa		of my ability any and all supporting documents deemed by Commission laim for exemption from testing.
	Received CORPORATION COMMISSION DEC 29 2014 DNSERVATION DIVISION WICHITA, KS	Signature: Title: Dallas Flowers, Production Superintendent

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.