KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	ctions on Re	verse Side	e)					
Op	en Flov	Ÿ			Test Date	٠.			ΔΡΙΙ	No. 15				
Del	liverabi	lty			12/04/12				15-1	45-20382-	0000			
Company White &		rillir	ng, Inc.		-,-		Lease Titus				#1	Well Nu	ımber	
County Pawnee			Locati SW SW		Section 5		TWP 23S			RNG (E/W) 16W		Acres Att		
Field Zook Extension					Reservoii Mississi			Gas Gathering Lumen Midstre		•	connection am Partnership LLC		Pron	
Completion Date 06/18/75		Э			Plug Bac 4140	k Total De	oth	Packer Set at		et at			RECEIVE DEC 1 2 2 CCC WICH	
Casing Size 4 1/2"			Weigh 10.5#		Internal Diameter 3.958			Set at 4164		Perforations 4081		To 4103		
Tubing Size			Weight		Internal Diameter			Set at		Perforations		To K		
2 3/8" Type Con	nolotion	· /Dc	4.6#	×*****	1.901	d Production	413		Pump I In	it or Traveling	Plunner? Vos	/ No		
			0,000#SD	1	salt wa		JII		yes		riunger: res	, 110		
•		(Anr	nulus / Tubing	g)	% C	arbon Diox	kide		% Nitroge	∍n	Gas Gr	avity - (3 _g	
Annulus Vertical D						Pro	ssure Taps				(Motor I	Run) /P	rover) Size	
vertical D	epuiin	1)				1.16	ssure raps				(MCIOI I	1011) (1	TOVET) SIZE	
Pressure	Buildu	n· :	Shut in 12/	04 2	0 12 _{at} 1	1:00 AM	_ (AM) (PM)	Taken 12	2/05	20	12 at 11:00	AM	(AM) (PM)	
Well on L	•										at			
well on L	me.		Started	2	U at		_ (AW) (FW)	Taken			aı		(//////////////////////////////////////	
						OBSERV	ED SURFAC	E DATA			Duration of Shut-	in	Hours	
Static /	Static / Orifice Dynamic Size Property (inches)		Circle one: Meter	Pressure Differential	Flowing	Well Head	Wellhead	(P _w) or (P _t) or (P _c)		ubing ad Pressure	Duration	Liqui	Liquid Produced (Barrels)	
Dynamic Property			Prover Pressu psig (Pm)	<i>ire</i> in	Temperature t	Temperatur t	e (P _w) or (I			(P_t) or (P_c)	(Hours)	1		
Shut-In	.375		paig (Fill)	Inches H ₂ 0			psig 30	psia	psig	psia	24 hrs	 		
	.3/3						- 30				241113	 	-	
Flow										1		<u> </u>		
	—Т		Olasta anna	T		FLOW ST	REAM ATTE	RIBUTES	····				Floring	
Plate Coefficient (F _b)(F _p) F		Pro	Circle one: Meter or ever Pressure	Press Extension	Grav Fac	tor	Flowing Temperature Factor	ature Factor		Metered Flor	(Cubic Fe		Flowing Fluid Gravity	
	Mcfd		psia	√ P _m xh	F	0	F,,	'	F _{pv} (Mcfd)		Barrel)		G _m	
												····		
					(OPEN FL	OW) (DELI	VERABILITY	r) CALCUL	ATIONS		(P_)	$r^2 = 0.2$	207	
(P _c) ² =		_:	(P _w) ² =		P _d =		_% (P _c - 14.4) +	14.4 =	<u> </u>	(P _d)			
(P _c)²- (i	P_)2	(F)2- (P _w)2	Choose formula 1 or 2 1. P _c ² - P _a ²	LOG of			essure Curve ope = "n"		[]		1 .	pen Flow	
or (P _p) ² - (P _d) ²		•		2. P _c ² -P _d ²	formula 1. or 2.			or ssigned	- nxi	.og	Antilog	Deliverability Equals R x Antilog		
(₀ / · ('a'			divided by: Pc2 - Pw	and divide by:	P _c ² -P _w ²		dard Slope		L J			(Mcfd)	
											,			
Open Flo	w		L	Mcfd @ 14.	65 psia		Delivera	bility			Mcfd @ 14.65 ps	ia		
		.a	- خادمطیرم			ototoo that			to make th	o abovo sos	· · · · · · · · · · · · · · · · · · ·		vladge of	
		_							_	e above repo ecember	ort and that he ha	,	20 12 .	
he facts s	tated th	herei	n, and that sa	aid report is true	e and correc	t. Execute	d this the		day of $\frac{1}{2}$				20	
()	ia.	u	my	usles					1/11	WC.	X/// (•	<u>-</u>	
			Witness (if any)						For	Company			
			For Comm	nission		····				Che	cked by			

DEC 1 2 2012

KCC WICHITA

NGC WICHTA
I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to reques xempt status under Rule K.A.R. 82-3-304 on behalf of the operator White & Ellis Drilling, Inc.
nd that the foregoing pressure information and statements contained on this application form are true and
orrect to the best of my knowledge and belief based upon available production summaries and lease record
f 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
as 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 Commiss
taff as necessary to corroborate this claim for exemption from testing.
tall as necessary to corroborate this claim for exemption from testing.
Date: 12/10/12
Signature:
Title: Dallas Flowers, Production Superintendent
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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.