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## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: en Flo	w	¥		•	See Instruc	tions on Re	verse Side	•				
Deliverability					Test Date: 12/01/2015				API No. 15 15-047-20192 <i>O O O O</i>				
Company White &		 Orilli	ng, Inc.				Lease Ulsh		-			Well Number	
County Edwards	 }		Locat NE NE		Section 26	-		TWP 24S		W)		Acres Attributed 160	
Field Embry				Reservoir Mississippi			Gas Gathering Conne Rolling Thunder			ection			
Completion 12/12/75		e			Plug Bac 4276	Plug Back Total Depti 4276		Packer Set at		et at			
Casing Size 4.5"			Weig 10.5		Internal I 4"	Internal Diameter 4"		Set at 4323		rations 3	T₀ 4248		
Tubing Size 2.375"			Weigi 4.70		Internal D	Internal Diameter 2 <sup>n</sup>		Set at 4239		rations	То		
Type Con Single (		n (D	escribe)		Type Flui	d Productio	n		Pump Un Yes	it or Traveling	Plunger? Yes	/ No	
Producing Annulus		(An	nulus / Tubin	g)	% 0	arbon Diox	ide	····	% Nitrog	en	Gas Gr .6350	avity - G <sub>g</sub>	
Vertical D		<del>}</del> )		<u>-</u> -		. Pres	sure Taps			<del></del> -		Run) (Prover) Size	
Pressure	Buildu	p:	Shut in 12	/1	15 at 1	:00PM	(AM) (PM)	Taken_12	1/2	20	15 at 1:00PM	(AM) (PM)	
Well on Line:			Started2		0 at		(AM) (PM)	M) Taken		20	at	(AM) (PM)	
				<del></del> -		OBSERVE	D SURFAC	E DATA			Duration of Shut-	inHours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Press	1	Flowing Well He Temperature Tempera		i Wallhood Praceura		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-in	•		psig (Pm)	Inches H <sub>2</sub> 0	-	-	psig 35	psia	psłg	psia	24hrs		
Flow				_			00				241113		
						FLOW STR	REAM ATTR	IBUTES				<del></del>	
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Motd		Pro	Circle one: Meter of over Pressure psla	Press Extension Pmxh	Grav Fac	tor	Flowing Temperature Factor F <sub>II</sub>	Fa	Deviation Factor F <sub>pv</sub>		w GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_m	
				l						·			
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	<b></b> :	(OPEN FL	OW) (DELIV		') CALCUL <sup>-</sup> c - 14.4) +		:	(P <sub>a</sub> ) <sup>;</sup> (P <sub>d</sub> ) <sup>;</sup>	2 = 0.207 2 =	
(P <sub>a</sub> )²- (I or (P <sub>c</sub> )²- (I		(1)	P <sub>2</sub> )²- (P <sub>2</sub> )²	Choose formula 1 or  1. $P_c^2 - P_d^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P.2-P.2	Šio As	essure Curve pe = *n" - or signed fard Slope	n x l	og [	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				<u> </u>			<del> </del>						
Open Flor	<u> </u>	-		Mcfd @ 14	. 65 nsia	<del></del>	Deliveral	nility			Mcfd @ 14.65 psi	 a	
<u>'</u>		iane	d authority, o	<del></del>		states that h			make th		ort and that he ha		
		•	•	said report is tru			•			ecember	and black no ha	, 20	
^	iai			slu		Received ORPORATION	J	4	2	2			
			Witness	(if arry)	ÜE		2015 .	_	<i>U</i>		Company		
			For Com	mussion	CONS	ERMATION DI WILLHA, KS	VISION			Che	cked by		

exempt status und and that the foreg correct to the best of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator White & Ellis Drilling, Inc.  going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the Ulsh #3
gas well on the gr	ounds 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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 12/15/15	
Ε	Received CORPORATION COMMISSION  Signature:  Dan Flowers, Production Superintendent  SERVATION DIVISION WICHITA, KS

## 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.