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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: en Flow	,	O.V.L.		(See Instru	ctions on Re	verse Side	;)	ADIEII		•			
Deliverability				Test Date: AP 4-4-14 07					No. 15 1-20,816 - 000 0						
Company W.R. W		s, Ir	nc.				Lease Bailey			20,010		1	Vell Nur	mber	
County Greeley		•	Location SE/NW/NW/NW		Section 18		TWP 19S		RNG (E/W)		-	Acres Attributed 422.64			
Field Bradshaw				Reservoir	r da/Fort l				Gas Gathering Connection Duke Energy				<u></u>		
Completic	on Date	,				k Total Dep	<u> </u>		Packer S	 _					
Casing Size 4.5			Weight 10.5/1	1.6	Internal Diameter 4.052/4.000		Set at 2962		Perforations 2882		то 2928		-		
Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995		Set at 2938		Perfo		То				
Type Completion (Single Gas		(Des	scribe)	Type Flui Water	Type Fluid Production Water				Pump Unit or Traveling Plunge Pump Unit			er? Yes / No			
Producing Thru (A		(Annt	ulus / Tubing)	% C	% Carbon Dioxide			% Nitrogen			Gas Gravity - G _g .799				
Vertical D)	-			Pres	ssure Taps					-	Run) (Pr	over) Size	
Pressure	Buildup	: S	hut in 4-1	2	0_14_at_9:	:45 AM		Taken_4-	4	20	14 at 9	9:45 Al	VI (/		
Well on L	ine:			2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
	,- <u>-</u>			-, -		OBSERV	ED SURFAC	E DATA		•	Duration of	of Shut-i	72	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead	Pressure Pt) or (Pc) psia	Wellhea	ubing ad Pressure (P ₁) or (P _c)		(Hours)		Liquid Produced (Barrels)	
Shut-In	_						52.0	66.4	Find bonz		72.0				
Flow															
	Т		—Т		_	FLOW ST	REAM ATTE	IBUTES							
Plate Coefficient (F _b) (F _p) Mcfd		٨	Meter ore: Meter or er Pressure psia	Press Extension P _m x h	extension Fact		Flowing Temperature Factor F _{II}		iation ctor	Metered Flow Fl (Mcfd)		GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _m	
					(005)										
(P _c) ² =		<u>:</u>	(P _w) ² =_	:	P _d =		VERABILITY .% (I) GALCUL P _e - 14.4) +		:		(P _e)² (P _d)²	= 0.20 =)7 	
(P _e) ² - (I or (P _o) ² - (I		(P _c))²- (P_)²	noose formule 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ rided by: $P_c^2 - P_a^2$	LOG of formula 1, or 2. and divide	P.2-P.2	Slo As	essure Curve pe = "n" - or signed lard Slope		og	Antilo	og	Deliv Equals	en Flow verability R x Antilog Mcfd)	
												-			
Open Flo	<u>_</u> w			Mcfd @ 14.	65 psia		Deliverat	oility	l		Mcfd @ 14	4.65 psia	3		
				behalf of the										edge of	
				<u>.</u>						aniels					
			Witness (if a	iny)			•				Company			CHIT/	
			For Commis	slon			•	 -		Che	cked by	AP	R 17	2014	

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator W.R. Williams, Inc. the foregoing pressure information and statements contained on this application form are true and
	the best of my knowledge and belief based upon available production summaries and lease records
of equipr	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the Bailey #1
	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
l fur	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as r	necessary to corroborate this claim for exemption from testing.
Date: <u>4</u> -	.16-14
	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.

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