KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	t: en Flo liverab					Test Date	e:	ıctions on Re	verse Side	· .	I-No. 15 - 09 :	5-00,721-	0006	
Company		y		-		12-27-1	3	Lease		Ϋ́			Well Number	
Rakestra		os.,	LLC					Young	D				1	
County Location Kingman 2310FNL990FEL					Section 26	•	TWP 29s			/ W)		Acres Attributed		
Field Basil						Reservoir Miss.	•			Gas Ga Trento	•	ection		
Completion 7-27-195		e				Plug Bac 4186	k Total De	pth	n Packer Set at none					
Casing S 5 1/2	asing Size Weight 1/2 14 #			Internal [Diameter		Set at 4257		orations 0	To 4131				
Tubing Si 2.375	bing Size Weight 375 4.7#				Internal E 1.995	Diameter	Set	Set at Perforations			То			
Type Con single-g	•	n (De	escribe)			Type Flui	d Producti	ion	· · · · · · · · · · · · · · · · · · ·	Pump U		Plunger? Yes	/ No es	
7	•	(Anr	nulus / Tubir	ng)		% C	arbon Dio	xide		% Nitro	gen	Gas G	ravity - G _g	
annulus								nouse Terr				/8.4.4	D	
Vertical D	epth(F	1)					Pre	essure Taps				(Meter mete	Run) (Prover) Size r run	
Pressure	Buildu	p: :	Shut in	-26	2	0 13 at 1	1:00 a.n	(AM) (PM)	Taken_12	2-27	20	13 _{at _a.m.}	(AM) (PM)	
Well on L	ine:		Started		20	0 at		_ (AM) (PM)	Taken		20	at	(AM) (PM)	
							OBSERV	ED SURFAC	E DATA		·	Duration of Shut	in 24 Hours	
Static / Dynamic Property	nic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0 Flowing Temperature t		Well Head Temperatui t	Weilhead (P _w) or (F	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing ead Pressure or (P ₁) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			-					6	18	psig	psia			
Flow												:		
	•						FLOW ST	REAM ATTR	IBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h		Fact	Gravity Factor F ₉		Flowing Devia emperature Factor F _p		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Gravity	
	İ			<u>.l. </u>										
(P _c) ² =		_:	(P _w) ² =	=	······································	(OPEN FLO	OW) (DELI	I VERABILITY _% (F) CALCUL _c - 14.4) +		· 	(P _a) (P _d)) ² .= 0.207) ² =	
(P _c) ² - (F or (P _c) ² - (F		(P	_c)²- (P _w)²	1	ed by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	.P _c ² - P _w ²	Slop	ssure Curve pe = "n" - or signed ard Slope	l n x	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				.,								- /		
Open Flow	<u> </u>				Mcfd @ 14.6	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	<u> </u>	
The u	ındersi	aned	authority o				tates that			n make ti		rt and that he ha	***************************************	
			n, and that s								ecember	. and that he he	, 20 <u>13</u>	
								_	See a	Hack		B	CC WICHI	
			Witness (if any							For C	ompany	OU VVICEN	
			For Comr	nissio	n			_			Chec	ked by	JAN 03 2014	

I declare under n	penalty of perjury under the laws of the state of Kansas that I am authorized to request
•	Rule K.A.R. 82-3-304 on behalf of the operator Rakestraw Bros., LLC
	ng 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 installat	tion and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a	a one-year exemption from open flow testing for the Young D#1
gas well on the groun	ids that said well:
(Check one	
	a coalbed methane producer
	cycled on plunger lift due to water
	a source of natural gas for injection into an oil reservoir undergoing ER on vacuum at the present time; KCC approval Docket No
· (not capable of producing at a daily rate in excess of 250 mcf/D
<u> </u>	not depute of producing at a daily fato in exceeds of 200 months
I further agree to	supply to the best of my ability any and all supporting documents deemed by Commission
_	supply to the best of my ability any and all supporting documents deemed by Commission corroborate this claim for exemption from testing.
_	
staff as necessary to	
staff as necessary to	
_	
staff as necessary to	
staff as necessary to	corroborate this claim for exemption from testing.
staff as necessary to	
staff as necessary to	corroborate this claim for exemption from testing.

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.

KCC WICHITA

JAN 03 2014

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P.2

Form G-2 (Rev. 7/03)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:			-		(See Inst	ructic	ons on Re	verse Sid	e)		•			*	
Open Flow Deliverability					Test Date) :				API No. 15							
			_1× 11						<u></u>			·			Well Nu		
company Rakestra)s., I	FT¢						Lease Young I	0			i	í	1		
County Location (Ingman 2310FNL990FEL					Section 25			TWP 29s		ANG (E 7w	RNG (EAV)		Acres Attributed				
leid asil					Reservoir Miss.						Gas Gathering Connect Trenton						
Completion Date -27-59					Plug Back Total Depth 4186					Packer none	Packer Set at none						
asing Size Weight 1/2 14#					Internal Diameter			Set : 425		Part 41	orations .		To 4131				
Rubing Size Weight 2.375					Internal Diameter			Sot at		Perforations			То				
lype Com lingle-g		n (D	escribe)			Type Flu	d Produ	ction			Pump L	init or Travelle ing	g Plunger	7 Yes	/ No		
		(Arii	idult \ eufur	19)		% (Carbon D	lloxid	ie .		% Nitro	~ . 		Gas Gre	avity - C	3,	
onulus Pertical D		()	**************************************		<u>. </u>		F	? re ss	aqaT anu	r				(Meter f		rover) Size	
ressure	Suildu	 DK	Shut in 18	}	26 zi	13 at_	U·α	5/	(AMI)(PM)	Taken (Q- 2	37_2	13 at			(AM) (PM)	
Velt on Li	,				20			`) at				
			·				OBSE	AVE	D SURFAC	E DATA			Duration	of Shut-	in Zi	1 Hours	
Static / Tynamic	mamic Size		Cheie ena: Preasure Meter Differential Proyer Pressure in			Flowing Well Head Temperature		1	Cating Wellhead Pressure (P,) or (P,) or (Pp)		Wellhead Pressure (P _w) or (P _c) or (P _c)		Dist	Cheston (Hous)		Liquid Produced (Barrels)	
Property	(inch	(inches) polg (Pm) inches H ₂ O					4			touth bego		paig paie					
Shut-In	t-in							6		18						Ø	
Flow							·				1				<u> </u>		
	+	,	***			:	FLOW:	STRI	EAM ATTR	IBUTES		· · · · · · · · · · · · · · · · · · ·			•	,	
Plate Coefficient (F _b) (F _p) Mode		Circle sins Melar or Prover Pressure pole		Press Extension Paxh		Fac	Gravity Factor F _a		lemperature Fee		vision octor F _p	etor P		e GOR (Cubic Fee Barrel)		Plowing Fluid Gravity G _a	
-				1		<u> </u>	l	· · · · · · · · · · · · · · · · · · ·		<u> </u>		<u> </u>		• • • • • • • • • • • • • • • • • •			
3 ₀)2 =		_:	(P_)*:		:	(OPEN FL P _o =		%	ERABILITY 6 (F) CALCUI 2 - 14.4) ·				(ዮ _ል)። (ዮ _ል)።	²= 0.2 ²=		
or	(P _a) ² - (P _a) ² or (P _a) ² - (P _a) ²		(P _c) ² - (P _s) ² 1. P _c ²		uso tamula 1 or p: 1. Pa. Pa R. Pa. Pa	LOG of formula 1. or 2.		Stope = 1		pa == "n" - Gr	n x LOG		Ant	Antilog E		Open Flow Dollverability quals H x Antilog	
C. 85 to	•			dhio	of by P3-P2	and divide	Pa. P	<u></u>		ard Slope						(Mcfd)	
		····			· 				<u> </u>	 		· · · · · ·					
pen Flov	٧			···	Mcld @ 14.6	is psia			Deliverab	ility			Mofd @	14.65 psis			
			-		•				· .	A	to make t	he above rep	•		s knowl	edge of	
e lacts st	ated t	erei	n, and that s	ald 1	report is truo	and correc	і. Ехеси	ded t	this the <u>8</u>		day of s	Decer G.	<u>n 10e</u>	77		10 <u>12</u> .	
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