KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	n Flow	ØSI		·	•	ctions on Re	everse Side	•				
Deliv	verabilty	· ·		Test Date 7/15/20					I No. 15 3-20659-00 -	دن.		
Company	d Reso	urces, Inc.				Lease Miller				***************************************	24-13	Well Number
County Location Cheyenne SESW				Section TW			RNG (E/W) 41W			Acres Attributed 80		
Field Cherry Cr				Reservoi Niobrar			Gas Gathering Conn Branch Systems In					•
Completion 3/11/2006				Plug Bac 1347'	k Total Dep	oth		Packer	Set at			
Casing Size	Casing Size Weight 4 1/2" 10.5#			Internal I 4.052	Diameter		Set at 1350'		Perforations 1234'		To 1270'	
Tubing Size	Tubing Size Weight NONE			Internal Diameter Set at			at	Perforations To				
Type Comp Single (C				Type Flui Dry Ga	d Production	n		Pump U flowin	nit or Traveling g	Plunger	? Yes	/(No)
Annulus		nnulus / Tubii	ng)	% C	Carbon Diox	ide		% Nitro	gen		.6	avity - G _g
Vertical De 1270'	pth(H)				Pres Flar						2"	Run) (Prover) Size
Pressure B	Buildup:	Shut in 7/	15	07 at 8	:45	(PM)	Taken_7/	16	20	07 at_	11:30	(AM)(PM)
Well on Lin	ie:	Started 7/	16 2	07 at 1	1:30		Taken 7/		20	at _	9:45	(AM)(PM)
					OBSERVI	D SURFAC	E DATA			Duration	of Shut-i	nHours
Static / Dynamic Property	namic Size Meter Differe		Differential in	Flowing Well Head Temperature t		Casing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia			ation urs)	Liquid Produced (Barrels)
Shut-In			, , , , , , , , , , , , , , , , , , , ,	.,		220	234.4	paig	psia			
Flow						77	91.4					
		Circle and	· [·	T	FLOW STI	REAM ATTE	RIBUTES		<u> </u>			
Plate Coeffiecier (F _b) (F _p) Mcfd		Circle one: Meter or rover Pressure psia	Press Extension	Grav Fact	tor	Flowing Temperature Factor F _{ft}	Fa	iation ctor - pv	Metered Flow R (Mcfd)		GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G_m
									25			
				(OPEN FL	OW) (DELI\	ERABILITY	() CALCUL	ATIONS			(P _a) ²	= 0.207
(P _c) ² =	<u> </u>	(P _w) ²		P _d =		% (P _c - 14.4) +	14.4 =	·:		(P _d) ²	=
$ \begin{array}{c cccc} (P_c)^2 - (P_a)^2 & (P_c)^2 - (P_w)^2 & 1. P_c^2 - \\ or & & & & & & \\ (P_c)^2 - (P_d)^2 & & & & & & \\ \end{array} $		1. P _c ² -P _a ² 2. P _c ² -P _d ² divided by: P _c ² -P _w	LOG of formula 1. or 2. and divide p2_p2		Backpressure Curve Slope = "n"or Assigned Standard Slope		n x LOG		Antilog Ec		Open Flow Deliverability Equals R x Antilog (Mcfd)	
											:	
Open Flow			Mcfd @ 14	.65 psia		Deliveral	oility			Mcfd @	14.65 psia	
	_	•	on behalf of the			•		_	he above repo	rt and th	at he has	s knowledge of
		Witness	(if any)			-		100	n W	ompany	(oe	RECEIVE
,		For Com	mission						Chec	ked by	KAŃSA	AS CORPORATION C

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exempt so and that correct to of equipm	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, 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 nent installation and/or upon type of completion or upon use being made of the gas well herein named. Beby request a one-year exemption from open flow testing for the Miller 24-13
gas well d	on the grounds that said well:
l furti	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 rer agree to supply to the best of my ability any and all supporting documents deemed by Commission
	ecessary to corroborate this claim for exemption from testing.
Date: <u>9/2</u>	
	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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W370

Miller 24-13

St. Francis

St. Francis

None

July-07

	Casing				HRS	REMARKS
DATE	PSI	STATIC	MCF		DOWN	(Maximum length 110 characters)
7/1/2007		76		25	0	
7/2/2007		76		25	0	
7/3/2007		80		25	0	bp
7/4/2007		76		25	0	-
7/5/2007	7:	5 77		26	0	
7/6/2007		76		25	0	
7/7/2007		79		25	0	
7/8/2007		77		25	0	
7/9/2007		174		12	12	
7/10/2007		235		12	15	•
7/11/2007		140		26	12	bp
7/12/2007		100		35	0	
7/13/2007		85		30	0	
7/14/2007		84		28	0	
7/15/2007	7:	5 82		27	0	bp
7/16/2007		169		9	0	si 24 hr test cp - 220
7/17/2007		97		31	0	•
7/18/2007		86		30	0	
7/19/2007		82		28	0	
7/20/2007		84		28	0	
7/21/2007		82		27	0	
7/22/2007		82		27	0	
7/23/2007		84		28	0	
7/24/2007		85		25	4	
7/25/2007		80		26	0	
7/26/2007		80		26	0	
7/27/2007		80		26	0	
7/28/2007		79		26	0	
7/29/2007		80		26	0	
7/30/2007		77		25	0	bp
7/31/2007		77		25	0	

Total 784

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Miller 24-13

St. Francis

St. Francis

None

August-07

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
8/1/2007		77	2	6 ()
8/2/2007		76	2	5 ()
8/3/2007		77	2	5 ()
8/4/2007		77	2	5 ()
8/5/2007		78	2	5 ()
8/6/2007		78	2	5 ()
8/7/2007		77	2	5 ()
8/8/2007		78	2	4 ()
8/9/2007		154	2	5 12	2
8/10/2007		136	1	8 0)
8/11/2007		117	2	2 ()
8/12/2007		102	2	2 ()
8/13/2007		107	2	5 ()
8/14/2007		105	2	9 () bp
8/15/2007	9:	5 108	2	5 0)
8/16/2007		81	2	5 0)
8/17/2007		81	2	5 0	
8/18/2007		79	- 2	5 0)
8/19/2007		78	2	5 0) bp
8/20/2007		78	2	5 0)
8/21/2007		77	2	4 C)
8/22/2007		77	2	4 C)
8/23/2007		77	2	4 0)
8/24/2007		77	2	4 0)
8/25/2007		79	2	4 0)
8/26/2007		77	2	4 0)
8/27/2007		82	2	4 0) bp
8/28/2007		82	2		
8/29/2007		91	2	4 0)
8/30/2007		90	2	4 0)
8/31/2007		90	2	4 0)

Total 755

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W370

Miller 24-13

St. Francis

St. Francis

None

September-07

	Casing		HRS	REMARKS
DATE	PSI	STATIC MCF	DOWN	(Maximum length 110 characters)
9/1/2007		85	24	0
9/2/2007		88	24	0
9/3/2007		77	24	0
9/4/2007		79	24	0
9/5/2007		136	18	7 bp
9/6/2007		106	29	0
9/7/2007		98	24	3
9/8/2007		84	24	0
9/9/2007		78	24	0
9/10/2007		77	24	0
9/11/2007		77	24	0 bp
9/12/2007		78	24	0
9/13/2007		81	24	0
9/14/2007		81	24	0
9/15/2007		. 85	24	0
9/16/2007		89	24	0
9/17/2007		87	24	0
9/18/2007		88	24	0
9/19/2007		91	24	0
9/20/2007		93	24.	0
9/21/2007		80 .	24	0
9/22/2007		86	24	0
9/23/2007		88	24	0
9/24/2007		67	24	0
9/25/2007		75	24	0 bp
9/26/2007		73	24	0
9/27/2007	7.	5 90	23	0
9/28/2007		90	23	0
9/29/2007		92	23	0
9/30/2007		92	23	0
10/1/2007				0

Total 715

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