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

Type Test	t:			(	(See Instruc	tions on Re	everse Side	<del>)</del> )					
Op	en Flow	MSI											
De	liverabil	ty		Test Date 7/30/20	-				No. 15 3-20613-00	a)			
Company				7730720		Lease		020	20010 002		Well Number		
Rosewo	od Res	ources, Inc.				Willard				1-26			
County Cheyenr	ne	Loca NW N		Section 26		TWP 3S		RNG (E/ 41W	W)		Acres Attributed 80		
Field Cherry C	Creek			Reservoi Niobrari					hering Conne Systems In				
Completic 5/27/200		4		Plug Bac 1506'	k Total Dep	th		Packer S	Set at				
Casing S 4 1/2"	ize	Weig 10.5		Internal I 4.052	Diameter	Set 150		Perfo 129	rations 4'	To 1328'			
Tubing Si	ze	Weig	jht	Internal [	Diameter	Set	at	Perfo	rations	То			
Type Con Single(0		(Describe)		Type Flui Dry Ga	d Production	n			nit or Traveling	Plunger? Yes	/ No		
Producing	Thru (	Annulus / Tubi	ng)		Carbon Dioxi	ide		% Nitrog		Gas Gr	avity - G <sub>g</sub>		
Annulus	3									.6			
Vertical D	epth(H)				Pres <b>Flan</b>	sure Taps ge	•			(Meter F 2"	Run) (Prover) Size		
Pressure	Buildup	Shut in		09 at 8	:20	(PM)				09 at 8:35	(PM)		
Well on L	ine:	Started 7-	30 20	09 at 8	:35	(PM)	Taken 7-	31	20	09 at 9:20	(AM)(PM)		
					OBSERVE	D SURFAC		T		Duration of Shut-i	72 Hours		
Static / Dynamic Property	amic Size Meter Differential Prover Pressure in			Flowing Temperature t	Well Head Temperature t	Wellhead (P <sub>w</sub> ) or (I	sing Pressure	Wellhe	ubing ad Pressure (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In		' psig (Pm	) Inches H <sub>2</sub> 0			psig 65	79.4	psig	psia				
Flow						145	159.4			72			
					FLOW STR	REAM ATTE	RIBUTES						
	Coefficient Meter or Extended $(F_b)(F_p)$ Prover Pressure		Press Extension ✓ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Flowing femperature Factor F <sub>11</sub>	Fa	iation Metered Flor ctor R Pv (Mcfd)		GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G <sub>m</sub>		
									40				
				(OPEN FL	OW) (DELIV	ERABILITY	) CALCUL	ATIONS		(P.)°	= 0.207		
(P <sub>c</sub> ) <sup>2</sup> =		: (P <sub>w</sub> ) <sup>2</sup>	=:	P <sub>d</sub> =		% (	P <sub>c</sub> - 14.4) +	14.4 =	·	(P <sub>a</sub> ) <sup>2</sup>			
		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> Choose formula 1 or 2:  1. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slo As	essure Curve pe = "n" - or ssigned dard Slope	n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow	L v		Mcfd @ 14.6	65 psia	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Deliveral	oility			Mcfd @ 14.65 psi	a		
· · ·		ned authority			states that b			make AL		· · · · · · · · · · · · · · · · · · ·	····		
	_	•	said report is true			•			•	rt and that he ha	s knowledge of		
								1	101	1/1/			
		Witness	(if any)				/-	on	For C	ompany Coll	RECEIVE		
	•	For Com	mission			-			Chec	ked by			

NOV 3 0 2009

exemp	status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	t the foregoing 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
	oment 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 Willard 1-26 I on the grounds that said well:
gas we	Ton 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 fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
	necessary to corroborate this claim for exemption from testing.
	1/18/09
Data: 1	
Date: <u>1</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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KCC WICHITA

W378 Willard 01-26 St. Francis St. Francis None July-09

	Tubing	Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
7/1/2009			79	78	6.5	17	0	24	
7/2/2009			70	78	6.5	17	0	23	
7/3/2009			70	77	6.5	17	0	22	
7/4/2009			70	77	6.5	17	0	23	
7/5/2009			70	78	6.5	17	0	22	
7/6/2009			70	78	6.5	17	0	21	
7/7/2009			72	. 77	0	0	0	22	
7/8/2009			150	50	0	0	6	0	
7/9/2009			93	33	0	0	3	0	
7/10/2009			70	53	0	0	0	0	
7/11/2009			70	77	0	0	0	0	
7/12/2009			63	61	6.5	17	0	12	restart p u
7/13/2009			70	72	6.5	17	0	21	
7/14/2009			71	72	6.5	17	0	24	bucket test 4 min
7/15/2009			78	51	6.5	17	0	23	
7/16/2009			78	51	6.5	17	0	22	
7/17/2009			70	49	6.5	17	0	21	
7/18/2009			. 64	49	6.5	17	0	22	
7/19/2009			64	50	6.5	17	0	23	
7/20/2009			67	49	6.5	17	7	24	
7/21/2009			67	49	6.5	17	0	23	
7/22/2009			64	46	6.5	17	0	0	pump off restarted
7/23/2009			73	53	6.5	17	0	24	-
7/24/2009			67	53	6.5	17	0	23	
7/25/2009			70	64	6.5	17	0	23	
7/26/2009			67	49	6.5	17	0	23	
7/27/2009			67	58	6.5	17	4	24	bucket test 4 min
7/28/2009			68	57	6.5	17	0		
7/29/2009			67	57	6.5	17	0	22	
7/30/2009		65	77	51	0	0	0	22	shut in for test
7/31/2009		145	61	4	6.5	17	0	0	open

Total 1801

W378 Willard 01-26 St. Francis St. Francis None August-09

	Tubing	Casing			**			HRS	,	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM		CYCLE	DOWN	]	BBLS	(Maximum length 110 characters)
8/1/2009			69	·	64	6.5	17		0	24	
8/2/2009			67		64	6.5	17		0	23	
8/3/2009			80		48	6.5	17		0	22	
8/4/2009			80		48	6.5	17		0	23	
8/5/2009			142		47	6.5	17		0	24	
8/6/2009			65		45	6.5	17		0	23	
8/7/2009			67		64	6.5	17		0	23	
8/8/2009			66		43	6.5	17		0	24	
8/9/2009			65		42	6.5	17		0	22	
8/10/2009			65		42	0	0		0	0	PU OFF
8/11/2009			62		42	0	0		0	0	
8/12/2009			62		42	0	0		0	0	
8/13/2009			60		41	0	0		0	0	
8/14/2009			66		40	0	0		0	0	
8/15/2009			66		40	0	0		0	0	
8/16/2009			66		40	0	0		0	0	
8/17/2009			138		38	0	0		0	0	
8/18/2009			137		41	0	0		0	0	
8/19/2009			137		40	0	0		0	0	
8/20/2009			66		40	0	0		0	0	
8/21/2009			67		42	0	0		0	0	
8/22/2009			66		42	0	0		4	0	
8/23/2009			124		38	0	0		0	0	
8/24/2009			63		38	0	0		0	0	
8/25/2009			95		37	0	0		4	0	
8/26/2009			64		39	6.5	17		0	0	started pump
8/27/2009			64		43	6.5	17		0	24	
8/28/2009			66		45	6.5	17		0	22	
8/29/2009			137		45	6.5	17		0	23	
8/30/2009			66		37	6.5	17		3	24	
8/31/2009			63		45	6.5	17		0	23	

Total 1362

W378

Willard 01-26

St. Francis

St. Francis

None

September-09

	Tubing	Casing						HRS	Water
DATE	PSI	PSI		STATIC M	CF	SPM	CYCLE	DOWN	BBLS
9/1/2009			0	65	36	6.5	17	0	2
9/2/2009			0	65	36	6.5	17	0	2
9/3/2009			0	69	36	6.5	17	0	2
9/4/2009			0	95	35	6.5	17	6	2
9/5/2009			0	69	36	6.5	17	0	2
9/6/2009			0	67	36	6.5	17	0	2
9/7/2009			0	67	35	6.5	17	0	2
9/8/2009			0	67	35	C	0	0	2
9/9/2009			0	69	35	C	0	0	
9/10/2009			0	65	35	C	0	0	
9/11/2009			0	63	35	0	0	0	
9/12/2009			0	62	35	C	0	0	
9/13/2009			0	69	35	0	0	0	
9/14/2009			0	62	34	C	0	0	
9/15/2009			0	64	34	C	0	0	
9/16/2009			0	61	34	C	0	0	1
9/17/2009			0	60	34	C	0	0	
9/18/2009			0	60	34	C	0	0	
9/19/2009			0	59	34	C	0	0	
9/20/2009			0	59	34	0	0	0	
9/21/2009			0	60	34	0	0	0	
9/22/2009			0	59	34	0	0	0	
9/23/2009			0	59	34	0	0	0	
9/24/2009			0	58	34	0	0	0	
9/25/2009			0	80	27	0	0	6	
9/26/2009			0	114	39	0	0	0	
9/27/2009			0	97	34	0	0	0	
9/28/2009			0	89	33	C	0	0	
9/29/2009			0	66	33	C	0	0	
9/30/2009			0	76	24	C	0	8	(
10/1/2009			0	0	0	C	0	0	

Total 1024