KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruct	ions on Re	verse Side)					
Ор	en Flow	XSI											
De	liverabilty			Test Date 9/7/201					No. 15 -20535-00	-()			
Company	/ od Resou	rces. Inc.		9///201	<u> </u>	Lease Ella Ma	е	020	-20333-00	3-3	Well N	umber	
County Location Cheyenne SENW				Section 3		TWP 3S		RNG (E/	W)		Acres Attributed		
Field		OLIVV		Reservoi				Gas Gathering Connection Branch Systems Inc.					
Cherry C				Niobrar	k Total Dept	h							
7-15-200	04	*		1741'			1 m. htt.						
Casing Size Weight 4 1/2" 10.5#				Internal I 4.052	Diameter	Set a		Perfo 154	rations B'	то 1582	l		
Tubing_Si		/ Weight		Internal (То								
	npletion (D Convent			Type Flui Dry Ga	d Production		15'		it or Traveling ng Unit	Plunger? Yes)/ No		
Producing Annulus	•	nulus / Tubing)		% C	Carbon Dioxid	de		% Nitrog	en	Gas 6 .6	ravity -	G _g	
Vertical D	Pepth(H)				Press Flang	sure Taps	-			(Meter	Run) (F	rover) Size	
Pressure	Buildup:	Shut in 9-6	2	0 11 at 1		(PM)	Taken 9-	7	20	11 at 11:45		(AM)(PM)	
Well on L	.ine:	Started 9-7	2	0 <u>11</u> at <u>1</u>	1:45	(PM)	Taken 9-	8	20	11 at 1:35		(AM)(PM)	
				··································	OBSERVE	D SURFACI	E DATA			Duration of Shu	t-in_24	Hou	
Static / Dynamic Property	namic Size Meter Differential		Differential	Flowing Temperature t		Cas Wellhead (P,) or (P	Pressure	Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₆)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	(inches)	psig (Pm)	Inches H ₂ 0		t	psig 121	psia 135.4	psig	psia				
Flow						40	54.4			24	0		
,—		·		I—————————————————————————————————————	FLOW STR	EAM ATTR	IBUTES			•			
Plate Coefficeient (F₀)(F₀) Mctd Circle one: Meter or Extension Prover Pressure Mctd Pmxh		Extension	Grav Fac	tor T	Flowing emperature Factor F ₁₁	perature Factor		Metered Flow R (Mcfd)	GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m		
· · · · · · · · · · · · · · · · · · ·									33				
				(OPEN FL	OW) (DELIVI	ERABILITY) CALCUL	ATIONS		(P,) ² = 0.2	207	
(P _c) ² =	<u>:</u>	(P _w) ² =_			9	6 (F	° - 14.4) +	14.4 =	:	(P,) ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ² (P _c) ² - P _c ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²		LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slop	ssure Curve De = "n" - or signed ard Slope	n x LOG		Antilog	De Equal	Open Flow. Deliverability Equals R x Antilog (Mcfd)	
		- United States				342,700	- 2.050						
											.l	,,,,	
Open Flor	w		Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 p	sia		
										rt and that he h		_	
he facts st	tated there	in, and that said	d report is true	e and correc	t. Executed	this the 2		day of D	ecember	6111		20 11	
·····		Witness (if a	ny)			_	4	in	For C	Company	RF	Z CEIVE	
		For Commis	sion			-			Chec	ked by	1 12		

APR 2 4 2012

	penalty of perjury under the laws of the state of Kansas that I am authorized to request rRule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	ing pressure information and statements contained on this application form are true and
correct to the best o	f my knowledge and belief based upon available production summaries and lease records
	ation and/or upon type of completion or upon use being made of the gas well herein named. t a one-year exemption from open flow testing for the Ell Mae 3-3
gas well on the grou	
(Check o	ne)
i	s a coalbed methane producer
i	s cycled on plunger lift due to water
i	s a source of natural gas for injection into an oil reservoir undergoing ER
i	s on vacuum at the present time; KCC approval Docket No
	s not capable of producing at a daily rate in excess of 250 mcf/D
_	o supply to the best of my ability any and all supporting documents deemed by Commission o corroborate this claim for exemption from testing.
	•
	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

W347

Ella Mae 3=3

West St. Francis

St. Francis

Pumping Unit/Elec

September-11

	Tubin	g Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOW	BBLS	(Maximum length 110 characters)
9/1/2011		38	51	27	6			16	
9/2/2011		37	50	27	6	12		17	
9/3/2011		37	50	28	6	12		18	
9/4/2011		37	50	28	6	12		17	
9/5/2011		37	50	27	6	12		16	
9/6/2011		32	45	28	6	6		17	shut well into do state test
9/7/2011		121	45	0	6	0	24	0	opened well didn't start pumping unit hp
9/8/2011		38	51	37	6	6			started pumping unit
9/9/2011		39	52	32	6	12		17	
9/10/2011		40	53	33	6	12		18	
9/11/2011		40	53	33	6	12		17	
9/12/2011		40	53	33	6	12		16	
9/13/2011		39	52	33	6	12		18	
9/14/2011		38	51	33	6	12		17	
9/15/2011		37	50	33	6	12		17	
9/16/2011		38	51	33	6	12		16	
9/17/2011		37	50	33	6	12		15	
9/18/2011		37	50	33	6	12		17	
9/19/2011		38	51	33	6	12		16	
9/20/2011		36	49	33	6	12		17	
9/21/2011		40	53	33	6	12		16	
9/22/2011		39	52	33	6	12		17	bucket test 5 min and greased
9/23/2011		39	52	33	6	12		16	-
9/24/2011		38	51	33	6	12		15	
9/25/2011		38	51	33	6	12		16	
9/26/2011		39	52	33	6	12		17	
9/27/2011		40	53	33	6	12		17	bucket test 5 min
9/28/2011		41	54	33	6	12		16	
9/29/2011		39	52	33	6	12		15	
9/30/2011		38	51	33	6	12		16	
10/1/2011									

Total 927 471

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Ella Mae 3-3
West St. Francis
St. Francis
Pumping Unit/Elec

October-11

	Tubing	g Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters
10/1/2011		39	51	33	6	12	0	16	
10/2/2011		38	51	32	6	12	0	17	
10/3/2011		38	51	32	6	12	0	16	
10/4/2011		37	51	32	6	12	0	15	
10/5/2011		37	51	32	6	12	0	16	
10/6/2011		40	54	32	6	12	0	17	bucket test 5 min
10/7/2011		43	53	32	6	12	0	16	
10/8/2011		43	52	32	6	12	0	15	
10/9/2011		39	52	32	6	12	0	16	
10/10/2011		39	51	32	6	12	0	17	·
10/11/2011		37	74	31	6	12	0	15	
10/12/2011		37	56	32	6	12	0	16	bucket test 5.5 min
10/13/2011		40	51	32	6	12	0	15	
10/14/2011		38	51	32	6	12	0	16	
10/15/2011		37	51	32	6	12	0	17	
10/16/2011		38	52	32	6	12	0	14	
10/17/2011		38	51	32	6	12	0	14	
10/18/2011		41	51	31	6	12	0	15	
10/19/2011		43	52	31	6	12	0	16	bucket test 5.5 min
10/20/2011		39	51	31	6	12	0	15	
10/21/2011		41	51	31	6	12	0	14	
10/22/2011		41	51	31	6	12	0	15	
10/23/2011		39	50	31	6	12	0	16	
10/24/2011		39	51	31	6	12	0	15	
10/25/2011		39	50	31	6	12	0	16	bucket test 5.5 min
10/26/2011		37	52	31	6		0		
10/27/2011		38	51	31	6	12	0	14	
10/28/2011		. 38	50	31	6	12	0	16	
10/29/2011		38	50	31	6	12	0	17	
10/30/2011		37	50	31	6	12	0	17	
10/31/2011		34	50	31	6	12	0	16	

Total 978 485

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KCC WICHITA

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Ella Mae 3-3

West St. Francis

St. Francis

Pumping Unit/Elec

November-11

	Tubing	Casing				HRS	Water	REMARKS
DATE	PSI	PSI	STATIC MC		CYCLE	DOWN	BBLS	(Maximum length 110 characters
11/1/2011		49	64	31 <i>6</i>	12	0		
11/2/2011		47	51	31ϵ	12	0	15	
11/3/2011		35	49	ϵ 32	12	0	16	bucket test 5.5 min
11/4/2011		37	48	6	12	0	15	
11/5/2011		37	49	31 6	12	0	14	
11/6/2011		36	49	31 <i>6</i>	12	0	17	
11/7/2011		37	50	31 6	5 12	0	16	
11/8/2011		37	56	31 6	12	0	15	
11/9/2011		37	50	ϵ	12	0	16	bucket test 5.5 min
11/10/2011		34	49	$31 \tilde{\epsilon}$	12	0	15	
11/11/2011		36	48	31 6	12	0	16	
11/12/2011		34	48	31 6	12	0	17	
11/13/2011		34	48	31 6	12	0	14	
11/14/2011		35	48	31 6	12	0	16	
11/15/2011		38	54	31 6	12	0	14	
11/16/2011		35	51	31 6	12	0	15	
11/17/2011		35	50	36 6	12	0	16	bucket test 5.5 min
11/18/2011		33	49	33 6	12	0	16	
11/19/2011		33	48	31 <i>6</i>	12	0	17	
11/20/2011		33	49	31 6	12	0	16	
11/21/2011		36	50	33 <i>6</i>	12	0	15	
11/22/2011		36	50	32 <i>6</i>	12	0	16	bucket test 5.5 min
11/23/2011		35	50	31 <i>6</i>	12	0	15	
11/24/2011		35	50	31 6	12	0	16	
11/25/2011		34	50	31 6	12	0	15	
11/26/2011		35	50	31 6	12	0	16	
11/27/2011		. 37	49	30 <i>6</i>	12	0	15	
11/28/2011		35	50	32 6	12	0	14	
11/29/2011		35	49	31 6	12	0	15	
11/30/2011		34	49	31 6	12	0	16	
12/1/2011		0	0	0 0	0	0	0	

Total 942 463