KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:	DI			G	See Instru	ctions on Re	verse Side	9)					
	oen Flow eliverabilt				Test Date 6/1/2015					No. 15 -20664-00 (nó			
Company		ources, Inc.			0/1/2010		Lease Hilt				13-33	Well Nu	mber	
County Cheyens		<u>_</u>	ation		Section 33		TWP 2S		RNG (E/	W)		Acres Attributed 80		
Field Cherry (Reservoir				Gas Gati Branch					
Completi 3/30/200	on Date			 _	Plug Back	k Total De	pth		Packer S					
Casing S	Size	We 10.	 ight 5#		Internal D 4.052)iameter	Set :	at 7.49'	Perfor 1618	 ations 3 '	то 1646'	то 1646'		
Tubing S	iize	We	ight		Internal D	Diameter	Set		Perfo	ations	То			
Type Cor		(Describe)			Type Fluid	d Production	on			it or Traveling	Plunger? (Yes)/ No		
Producin	•	Annulus / Tu	oing)		% C	arbon Dio	xide		% Nitrog	en	Gas G .6	Gas Gravity - G		
Vertical D							ssure Taps					Run) (P	rover) Size	
1646'	Deathalana	Shut in 6	 i-1		15 _, 1:	Flai :35		6-	 -		15 at 1:50		АМ)(РМ)	
Pressure Well on L	•	Started _6			15 at 1:		_ (AM) (PM) _ (AM) (PM)				20 15 at 2:35 (AM) (PM)			
		<u> </u>	<u> </u>		_	OBSERV	ED SURFAC	E DATA		.	Duration of Shut	-in 96	Hour	
Static / Dynamic Property	Orifice Size (inches	Prover Pre	r Diffe	ssure rential in s H ₂ 0	Flowing Well He		Cas Wellhead (P _w) or (F	sing Pressure P _r) or (P _c)	Wellhea (P _#) or	ubing ad Pressure (P _r) or (P _c)	Duration (Hours)	Liqui	d Produced Barrels)	
Shut-In		paig (t	my_ mone	1120			104	118.4	pslg	psia				
Flow		_ {					46	46 60.4]	96			
			_ -			FLOW ST	REAM ATTR	IBUTES					Γ——	
Plate Coeffiecient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressur psia	Exte	Press Extension √ P _m x h		rity	Flowing Temperature Factor F ₁₁	Fa	riation ictor pv	Metered Flor R (Mcfd)	w GOR (Cubic Fo Barrel	eet/	Flowing Fluid Gravity G _m	
		_	T-		_	<u> </u>	_			12				
(P _c) ² =		: (P) ² =		(OPEN FLO		VERABILITY) CALCUL 2, - 14.4) +		:)² = 0.2)² =	07	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				- P _a ² - P _d ²	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Backpre Slo 	ssure Curve pe = "n" - or	n x 106		Antilog	Or Del Equals	pen Flow iverability R x Antilog (Mcfd)	
1														
Open Flo	ow		Mefd	@ 14.6	5 psia		Deliverat	oility			Mcfd @ 14.65 ps	sia		
	·	ned authority erein, and tha			• •		-		o make th day of _D	•	ort and that he h	as know	ledge of ₂₀ <u>15</u> .	
							WICH				MCCOMPANY	tu	av_	
		Witne	ss (if any)				0 7 2016				Company		0	
		For C	mmission			RE	CEIVE			Che	cked by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. and that 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 of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Hilt 13-33
gas well on the grounds that said well:
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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing. Date: 12/21/15
APR 0 7 2016 RECEIVED Signature: Community Manufactury Production Assistant

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.

W437

WELL ID

Hilt 13-33

LEASE NAME

C. D.

West St. Francis FIELD

St. Francis

AREA

None

EQUIPMENT

June-15

DATE

	Line	Casi	ng							HRS	Water	REMARKS
DATE	PSI	PSI		STATIC	MCF	5	SPM		CYCLE	DOWN	BBLS	(Maximum length 110 characters)
6/1/2015		88	88	101	•	0		0	0	24	. ()
6/2/2015		98	98	111		0		0	0	24	. ()
6/3/2015	i	03	103	116		0		0	0	24	. ()
6/4/2015	10	04	104	117		Ó		0	0	24	. ()
6/5/2015	!	95	95	108		17		0	0	C	()
6/6/2015	;	82	82	95		17		6	12	C) () turn on p u
6/7/2015		75	75	88		15		6	12	0	14	1
6/8/2015	1	66	66	79		14		6	12	C	16	5
6/9/2015	:	52	521	65		12		6	12	C		
6/10/2015		50	50	63		12		6	7	(
6/11/2015		49	49	62		10		6	12			7 pu kicked out, reset
6/12/2015		48	48	61		11		6	12	(_	
6/13/2015		48	48	61		.12		6	12	C		
6/14/2015		48	48	61		12		6	12	0	10)
6/15/2015		47	47	60		12		6	12	0	. ا	B pu kicked out again, reset
6/16/2015		48	48	61		12		6	12	0	10	treated
6/17/2015		47	47	60		12		6	12	(9	•
6/18/2015		49	49	62		12		6	12	C	9	•
6/19/2015	1	61	61	74		12		6	6	2		3
6/20/2015		58	58	71		2		6	0	22	. ()
6/21/2015	1	84	84	97		10		6	0	C) ()
6/22/2015	1	60	60	73		13		6	6	0	12	2 started pu, builds pressure no water yet
6/23/2015		46	46	59		11		6	12	C		
6/24/2015		46	46	59		12		6	12	0		
6/25/2015		46	46	59		12		6	12	C		
6/26/2015		46	46	59		12		6	12	0		
6/27/2015		46	46	59		12		6	12	C		
6/28/2015		46	46	59		12		6	12	C		
6/29/2015		46	46	- +		12		6	12	C		
6/30/2015		47	47	60		12		6	12	C		
7/1/2015	_	13	-13	0		0		6	12		14	<u></u>

Total 312 276

KCC WICHITA APR 0.7 2016 RECEIVED

RECEIVED APR 07 2016 KCC WICHITA

	148				379	;				Total
	71	0	71	9	10	LS	77	77		\$107/18/4
Restarted		0	12	9	6	LS	77	77		\$10Z/0E/L
Restarted	L	0	15	9	6	LS	ヤヤ	44		\$10Z/6Z/L
	7 1	0	15	9	01	LS	44	† †		21/28/2015
	τl	0	17	9	11	LS	t t	77		\$107/L7/L
	†!	0	71	9	71	88	54	St		\$107/97/L
	ÞΙ	0	12	9	15	85	57	54		\$102/\$7/L
	7 I	0	15	9	15	28	42	S <i>†</i>		5107/ 5 7/L
	ħΙ	0	15	9	15	28	57	St		\$102/82/L
	ÞΙ	0	71	9	15	6⊊	97	91		S10Z/ZZ/L
bringing water	141	t	15	9	15	89	SS	55		\$10Z/1Z/L
	13	0	17	9	71	85	54	54		21/20/2015
	٤١	0	17	9	71	85	, St	≤t		7/19/2015
	13	0	71	9	71	69	97	97		7/18/2015
	ÞΙ	0	71	9	71	69	91	91		2/11/15012
	ÞΙ	0		9	[]	69	97	97		5107/91/L
	ÞΙ	0	71	9	П	69	97	97		\$10Z/\$1/L
	14	0	15	9	11	79	67	617		\$10Z/\$1/L
Титеа РU back on auto	. L	0	9	9	15	64	99	99		\$107/E1/L
	0	0	0	9	91	76	6 <i>L</i>	64		\$107/71/L
	0	0	,0	9	L	<i>9</i> 01	76	76		2/11/2012
	0	14	0	9	0	411	[10]			2/10/2012
	0	74	0	9	0	\$9	:25	25		510Z/6/L
ntned off for comp work	1 7	91	9	9	71	69	1917	97		S10Z/8/L
	11	0	71	9	15	69	91	91		\$10Z/L/L
	۶Į	7	71	9	15	99	53	53		7/6/2015
	₽Ī	0	15	9	15	09	Lt	Lt		7/2/2012
	ħΙ	0	15	9	71	09	Lt	Lt		2102/ 1 /L
	τl	0	15	9	11	6\$	97	9₽		\$10Z/£/L
pelts were broke, only had 1 100, replaced are restarted		0	9	9	10	26	!9 1	97		\$10Z/Z/L
· · · · · · · · · · · · · · · · · · ·	7 1	0	71	9	11	6\$	97	97		\$10Z/I/L
(Maximum length 110 characters)	BEES		CACTE		MqZ	IC MCF	ratz	ISd	ISd	DATE
ВЕМАRKS	Vater	HRS '						Gasing	əniJ	

W437 WELL ID
West St. Francis
St. Francis
AREA
Mone
HOUP-15
DATE

W437 WELL ID

Hill 13-33 LEASE NAME

West St. Francis FIELD St. Francis

AREA

None

EQUIPMENT

August-15

DATE

	Line	Casing							HRS	Water	REMARKS
DATE	PSI	PSI	5	STATIC	MCF	SPM	[CYCLE	DOWN	BBLS	(Maximum length 110 characters)
8/1/2015	4	4	44	57	1	1	6	12		14	
8/2/2015	4	5	45	58	j	Ī	6	6	0	7	
8/3/2015	4	.5	45	58	1	0	0	0	C	0	
8/4/2015	4	4	44	57		9	6	6	0	7	reset panel
8/5/2015	4	4 4	44	57]	0	6	12	C	14	
8/6/2015	4	4	44	57	1	1	6	12	0	14	
8/7/2015	4	4	44	57	1	1	6	12	0	14	
8/8/2015	4	4	44	57	1	1	6	12	C	14	
8/9/2015	4	4	44	57	1	2	6	12	(14	
8/10/2015	4	4 .	44	57	1	2	6	12	() 14	
8/11/2015	4	4	44	57		2	6	12	0) 14	
8/12/2015	4	4	44	57	1	2	6	12	C	14	
8/13/2015	4	5	45	58	1	2	6	12	0	14	
8/14/2015	4	5	45	58	1	2	6	12	0	7	
8/15/2015	4	6	46	59	1	2	6	6	(0	
8/16/2015	4	ŀ7	47	60	1	2	6	0	(0	
8/17/2015	4	6	46	59		2	6	0	(0	.
8/18/2015	4	6	46	59	•	1	6	0	(0	
8/19/2015	4	17	47	60		0	6	6	(7	
8/20/2015	4	16	46	59	:	1	6	12	(14	
8/21/2015	4	7	47	60	1	1	6	12	0	14	
8/22/2015	4	7	47	60]	2	6	12	· () 14	
8/23/2015	4	7	47	60	1	2	6	12	() 14	
8/24/2015	4	17	47	60	2	2	6	12	(14	
8/25/2015	4	19	49	62		2	6	12	(14	
8/26/2015	4	18	48	61	•	2	6	12		14	
8/27/2015	4	6	46	59		2	6	12	(14	
8/28/2015			46	59		2	6	12	() 14	
8/29/2015	4	18	48	61		2	6	12	() 14	
8/30/2015	5	50	50	63		2	6	12	(14	
8/31/2015	5	52	52_	65		2	6	12	(14	

355 336 Total

> KCC WICHITA APR 07 2016 RECEIVED