KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:					(See Instruc	tions on Re	everse Side	9)			
o	pen Flo	ow	⊠ SI		Tool Det				4-	N. A.L		
☐ De	elivera	bilty			Test Dat 7/14/20		!		AF 15	Pl No. 15 -023-20567	boon	
Compan		esou	rces			·····	Lease Miller				1-13	Well Number
County	***************************************		Loca		Section	Section		TWP RNG (E/W)				Acres Attributed
Cheyen	ne		NESW		13	13 3S			41W			80
Field St. Fran					Reservoi Niobrar	а				thering Conr h Systems Ir		
Completi 9-10-20		te			Plug Bac 1457'	k Total Dep	th		Packer	Set at		
Casing S 4 1/2"	Size		Weig 10.5		Internal I 4.052	Internal Diameter 4.052		Set at 1500'		orations 3 2'	то 1330'	
Tubing S none	ize		Weig	ht	Internal I	Internal Diameter Set at			Perforations To			
Type Cor Single (Type Flui	id Production	n		Pump U	Init or Traveling	g Plunger? Yes	/ No.
Producing	g Thru	(An	nulus / Tubir	g)	<u>.</u>	Carbon Dioxi	de		% Nitro		Gas Gr	avity - G _a
Annulu											.6	•
Vertical E	Depth(i	H)				Pres Flan	sure Taps ge			•	(Meter 2"	Run) (Prover) Size
Pressure	Buildu	ıp:	Shut in	4	07 at 9	:40	(AM) (PM)	Taken_7/	15	20	07 at 8:30	(AM)(PM)
Well on L	ine:		Started 7/1	5 2	07 at 8	:30	(AM)(PM)	Taken 7/	16	20	06 at 10:40	(PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24 Hours
Dynamic Size Meter Differentia		Pressure Differential ure in	Flowing Well Head Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P ₂)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)		
Property	(inch	ies)	psig (Pm)	Inches H ₂ 0	t	t	psig	psia	psig	psla	(**************************************	(Surrois)
Shut-In				-		!	125	139.4				
· Flow							55	69.4			24	0
But		-	Circle one:	T .	<u> </u>	FLOW STR		IBUTES				
Plate Coeffiec (F _b) (F Mcfd	ient p)	Pro	Meter or ver Pressure psia	Press Extension P _m x h	Grav Fact	or T	Flowing emperature Factor F _{rt}	Fa	ation ctor	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m
										19		
					(OPEN FLO	OW) (DELIVI	ERABILITY) CALCUL	ATIONS		/D.\	
(P _c) ² =		:	(P _w) ² =	:	P _d = .	9		, - 14.4) +		:	(P _a) ^c	= 0.207
(P _c)² - (F or (P _c)² - (F		(P	_c)²- (P _w)²	Choose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1. or 2.		Slor	ssure Curve be = "n"	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog
(,,) - (,	a)			divided by: P _c ² - P _w ²	and divide by:	P _c ² -P _w ²		signed ard Slope				(Mcfd)
						i					**	
Open Flow	<i>N</i>			Mcfd @ 14.	65 psia	!	Deliverab	ility			Mcfd @ 14.65 psi	
The u	ındersi	gned	authority, o	n behalf of the	Company, s	tates that he	is duly au	thorized to	make th		rt and that he ha	
				aid report is true	•					eptember		20,07
								,	/m	n U	1/100	l b
			Witness (i	fany)			_		<u> </u>	For C	ompany	
			For Comm	ission						Chec	RÉC KANSAS CORPOR	EIVED RATION COMMISSION

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request							
exempt status und	der Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.							
and that the foreg	going pressure information and statements contained on this application form are true and							
correct to the best	t of my knowledge and belief based upon available production summaries and lease records							
of equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.							
I hereby reque	est a one-year exemption from open flow testing for the Miller 1-13							
gas well on the gr	ounds 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							
I further agree	e 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: 9/28/2007								
Date: <u>9/20/2007</u>								
· ·	Signature:							
	Title: Production Foreman							

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.

RECEIVED

KANSAS CORPORATION COMMISSION

W357

Miller 01-13

St. Francis

St. Francis

St. Francis

July-07

	Casing		······································	HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
7/1/2007	101	51A11C	19	DOWN	(Maximum length 110 characters)
7/2/2007		54	19	. 0	
7/3/2007		54	18		bp
7/4/2007		54	19	, 0	
7/5/2007	55		19	. 0	
7/6/2007	<i>5</i> .	52	19	0	
7/7/2007		65	19	0	
7/8/2007		53	19	! 0	
7/9/2007		182	9	12	
7/10/2007		235	5	15	
7/11/2007		133	19	12	bp
7/12/2007		83	30	: 0	-P
7/13/2007		61	23	0	
7/14/2007	55		22	. 0	
7/15/2007		145	6		si 24 hr test cp -125
7/16/2007		59	25		bp
7/17/2007		59	23	0	-r
7/18/2007		55	21	, 0	
7/19/2007		56	- 21	0	
7/20/2007		56	21	. 0	
7/21/2007		61	20	0	
7/22/2007		59	21	. 0	
7/23/2007		60	21	. 0	
7/24/2007		67	19	4	
7/25/2007		59	20	. 0	
7/26/2007		60	20	0	
7/27/2007		59	20	0	
7/28/2007		59	18	0	
7/29/2007		59	19	0	•
7/30/2007		54	19	0 1	bp
7/31/2007	_	55	19	0	•

Total 592

RECEIVED KANSAS CORPORATION COMMISSION

W357 Miller 1-13 St. Francis St. Francis None August-07

	Casing			IRS	REMARKS
DATE	PSI	STATIC MCF	I	OWN	(Maximum length 110 characters)
8/1/2007		55	19	, ()
8/2/2007		. 55	19	' ()
8/3/2007		55	19	()
8/4/2007		55	19	· · · ()
8/5/2007		56	19	; ()
8/6/2007		55	19)
8/7/2007		55	19	' C)
8/8/2007		60	19	i () ·
8/9/2007		156	18	12	
8/10/2007		127	12	. 0)
8/11/2007		116	18	Ċ	
8/12/2007		101	18	· 0	·
8/13/2007		99	18	: 0)
8/14/2007		94	19	. 0) bp
8/15/2007	110	106	18	0)
8/16/2007		65	19	: 0	
8/17/2007		60	19	. 0	•
8/18/2007		64	18	: 0	1
8/19/2007		61	18	. 0	bp
8/20/2007		61	18	0	
8/21/2007		66	18	0	i e
8/22/2007		59	18	· 0	
8/23/2007		62	18	0	_
8/24/2007		64	18	. 0	
8/25/2007		64	18	0	
8/26/2007		64	18	0	
8/27/2007	•	68	18		bp
8/28/2007		66	18	. 0	
8/29/2007		79	18	, 0	
8/30/2007		79	18	. 0	
8/31/2007		79	18	0	

Total 563

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W357

Miller 01-13

St. Francis

St. Francis

St. Francis

September-07

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
9/1/2007		70	18	<u> </u>	
9/2/2007		73	18	0	
9/3/2007		60	18	0	
9/4/2007		62	18	. 0	
9/5/2007		127	13	7	bp
9/6/2007		102	22	0	
9/7/2007		97	19	3	
9/8/2007		. 74	18	: 0	
9/9/2007		68	18	0	
9/10/2007		56	18	. 0	bp
9/11/2007		59	18	0	•
9/12/2007		59	18	0	
9/13/2007		70	18	0	
9/14/2007		70	18	. 0	
9/15/2007		75	18	· 0	
9/16/2007		80	18	: 0	
9/17/2007	•	88	18	0	
9/18/2007		75	18	0	
9/19/2007		79	18	. 0	
9/20/2007		81	18	0	
9/21/2007		65	18	· 0	
9/22/2007		74	18	0	
9/23/2007		73	18	0	
9/24/2007		67	18		bp
9/25/2007		56	18	0	1
9/26/2007		55	18	. 0	
9/27/2007	65		17	0	
9/28/2007		80	18	. 0	·
9/29/2007		81	18	. 0	
9/30/2007		81	18	0	
10/1/2007				0	

Total

539

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