KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	en Flov	TEG .		Test Date	(See Instruc	tions on R	everse Side	•	No. 15	, , , , ,			
De	liverabi	lty		6/22/14					3-20565-00	0			
Company Rosewo		sources, Inc.				Lease Zweyg	ardt			1-24	Well Nu	ımber	
County Location S Cheyenne SWNE			Section TWP 24 3S			RNG (E/	(W)		Acres Attributed 80				
Field			_	Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.					
Completio 7-10-200)		Plug Bac 1368'	k Total Dept	th		Packer S	Set at				
Casing S 4 1/2"				Internal (4.052	Diameter				rations 6'	To 1 254 '			
Tubing Si	ize	Weig	tht	Internal I	Diameter	Set	at	Perfo	rations	То	То		
		(Describe) entional)		Type Flui Dry Ga	d Production	n			nit or Traveling ing Unit	Plunger? (Yes)/ No		
Annulus	5	(Annulus / Tubi	ng)	% C	Carbon Dioxi	de		% Nitrog	en	Gas Gr	avity - (à,	
Vertical D 1254'	epth(H)			Pres: Flan	sure Taps ge		_		(Meter I	Run) (P	rover) Size	
Pressure	Buildur	s: Shut in 6-	72	14 at 9	:30_	(AM) (PM)	Taken 6-	21		14 _{at} 9:45	((AM)(PM)	
Well on L	-		22 20				Taken 6-			14 at 10:30		AM) (PM)	
					OBSERVE	D SURFAC	E DATA	_		Duration of Shut-	in_360	Hours	
Static / Dynamic Property	Dynamic Size Prover Pressure In		Differential sure	Flowing Temperature t	Well Head Temperature t	Wellhead (P _*) or (Casing Wellhead Pressure (P _w) or (P _t) or (P _σ)		fubing ad Pressure r (P _t) or (P _e)	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		Faig (i iii	, moneta 11 ₂ 0			123	137.4	psig_	psia				
Flow					<u> </u>	58	72.4	<u> </u>		360	<u> </u>		
	,				FLOW STR		RIBUTES		_	-, -		-	
Plate Circle one: Coefficient Meter or (F _b) (F _p) Prover Pressure Mcfd psia		Press Extension P _m x h	Gravity Factor F _e		Flowing remperature Factor F _{ft}			Metered Flov R (Mcfd)	y GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m		
_					T	_		-	43				
				(OPEN FL	OW) (DELIV	ERABILITY	/) CALCUL	ATIONS		(P.)	²= 0.2	07	
(P _c) ² =		_: (P _w)²	=:	$P_d =$		% (P _c - 14.4) +	14.4 =	:	(P _a):			
(P _c)²- (F or (P _c)²- (F	· 1	(P _o) ² - (P _w) ²	Choose formula 1 or 2: 1. P _a ² - P _a ² 2. P _a ² - P _a ² divided by: P _a ² - P _a ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Sid	essure Curve ope = "n" - or ssigned dard Slope	n x !	LOG	Antilog	Del Equals	en Flow iverability R x Antilog (Mcfd)	
				<u> </u>							<u> </u> 		
Open Flor	w		Mcfd @_14.0	35 psia		Delivera	bility			Mcfd @ 14.65 psi	a		
		_	on behalf of the said report is true	_			_	_	ne above repo ecember	ort and that he ha	s know	ledge of 20 14	
19013 31	ال المحدد	eren, and tidt	osa roport is true		Receives Scorporation	ved		אני <i>גע</i>	ull	Mart	100	21	
	_	Witness	(if any)					ggs Lat	For	Company		7	
		For Con	nmission		FEB 2	ט עטוט			Che	cked by			

exempt status under F and that the foregoing correct to the best of r of equipment installati	enalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. In pressure information and statements contained on this application form are true and my knowledge and belief based upon available production summaries and lease records on and/or upon type of completion or upon use being made of the gas well herein named. The one-year exemption from open flow testing for the Zweygardt 1-24
gas well on the groun	
(Check one	y)
is a	a coalbed methane producer
iso	cycled on plunger lift due to water
is a	a source of natural gas for injection into an oil reservoir undergoing ER
iso	on vacuum at the present time; KCC approval Docket No
✓ is i	not capable of producing at a daily rate in excess of 250 mcf/D
_	supply to the best of my ability any and all supporting documents deemed by Commission corroborate this claim for exemption from testing.
Date: 12/12/14	
8 0°	Received INSAS CORPORATION COMMISSION FEB 2 5 2015 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.

W384

Zweygardt 01-24

St. Francis

St. Francis

None

June-184

FloBoss

1 10D035	Casing				HRS	REMARKS
DATE _	PSI	STATIC	MCF		DOWN	(Maximum length 110 characters)
6/1/20184	57	70		42	0	
6/2/2013	61	74		34	0	
6/3/2013	76	89		44	0	turn on pumping unit
6/4/201\$	68	81		30	0	
6/5/2013	60	73		47	0	
6/6/201	53	66		42	0	turn off pumping unit
6/7/201\$	107	120		23	9	
6/8/201 \$	110	123		0	24	
6/9/2013	113	126		0	24	
6/10/201 3	115	128		0	24	
6/11/201	116			0	24	
6/12/2013	117			0	24	
6/13/2013	118	131		0	24	
6/14/2013	119	132		0	24	
6/15/2013	120	133		0	24	
6/16/2013	121	134		0	24	
6/17/2013	121	134		0	24	
6/18/2011	122	135		0	24	
6/19/2013	122	135		0	24	
6/20/2013	122	135		0	24	
6/21/2013	123	136		0	24	
6/22/2013	123	136		0	24	
6/23/2013	118	131		2	5	
6/24/2013	109			21	0	
6/25/2013	104			36	0	
6/26/2013	92	105		49	0	
6/27/2013	87	100		49	0	
6/28/2013	67	80		57	0	
6/29/2013	56			47		started pumping unit
6/30/2013	57	70		45	0	
7/1/2013					0	

Total 568

Received KANSAS CORPORATION COMMISSION

FEB 2 5 2015

W384 Zweygardt 01-24 St. Francis St. Francis None July-14

FloBoss

	Casing				· <u></u> -	HRS	Water
DATE	PSI			SPM	CYCLE	DOWN	BBLS
7/1/2014	57		45	7.5	6		
7/2/2014	56	69	44	7.5	6	0	10
7/3/2014	57	70	43	7.5	6	0	
7/4/2014	57	70	43	7.5	6	0	9
7/5/2014	58	71	43	7.5	6	0	10
7/6/2014	58	71	43	7.5	6	0	9
7/7/2014	67	80	38	7.5	6	0	8
7/8/2014	58	71	43	7.5	6	0	10
7/9/2014	60	73	43	7.5	6	0	9
7/10/2014	60	73	40	7.5	6	0	10
7/11/2014	63	76	38	7.5	6	0	8
7/12/2014	62	75	40	7.5	6	0	9
7/13/2014	63	76	39	7.5	6	0	10
7/14/2014	84	101	37	7.5	6	0	8
7/15/2014	54	67	42	7.5	6	0	9
7/16/2014	56	69	41	7.5	6	0	10
7/17/2014	57	70	41	7.5	6	0	
7/18/2014	58	71	41	7.5	6	0	
7/19/2014	54	67	39	7.5	6	0	9
7/20/2014	56	69	39	7.5	6	0	
7/21/2014	100	113	38	7.5	6	0	9
7/22/2014	105	118	1	7.5	6	22	8
7/23/2014	81	94	14	7.5	6		
7/24/2014	51	64	40	7.5	6	3	
7/25/2014	55	68	33	7.5	6	4	2
7/26/2014	53	66	45	7.5	0	0	0
7/27/2014	55	68	42	7.5	6		
7/28/2014	54	67	42	7.5	6		
7/29/2014	54		39	7.5	6		
7/30/2014	56		39	7.5	6		
7/31/2014	56	69	39	7.5	_ 6	0	8

Total 1194 260

Received KANSAS CORPORATION COMMISSION

FEB 2 5 2015

W384

Zweygardt 01-24

St. Francis

St. Francis

None

August-14

FloBoss

Total

FloBoss									
	Casing			•		HRS		Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	CYCLE	DOWN	F	BBLS	(Maximum length 110 characters)
8/1/2014	56	69	39		1.5	1	0	9	
8/2/2014	55	5 68	39	7	'.5	1	0	9	1
8/3/2014	53	5 68	39	7	'.5	1	0	9	
8/4/2014	53	5 68	39	7	'.5	1	0	9	
8/5/2014	50	69	39	7	'.5	1	0	9)
8/6/2014	56	5 69	39	7	7. 5	1	0	9	
8/7/2014	51	7 70	38	7	'.5	1	0	9)
8/8/2014	51	7 70	37	7	'.5	1	0	9)
8/9/2014	59	72	38	. 7	'.5	1	0	9)
8/10/2014	59	72	38	. 7	1.5	1	0	9)
8/11/2014	61	7 80	37	' 7	'. 5	1	0	9	1
8/12/2014	53	5 68	37	7	'.5	1	0	9	
8/13/2014	50	69	39	7	'.5	1	0	9	
8/14/2014	54	4 67	39	7	'.5	1	0	9)
8/15/2014	60	73	28	. 7	7.5	1	3	9	
8/16/2014	59	72	38	7	'.5	1	0	9)
8/17/2014	60	73	35	7	'.5	1	0	9	2 min BT
8/18/2014	59	72	37	' 7	1.5	1	0	9	
8/19/2014	6′	7 80	31	7	1.5	1	2	9)
8/20/2014	5	3 71	37	7	1.5	1	0	9)
8/21/2014	51	7 70	39	7	'.5	1	0	9)
8/22/2014	60	73	38	. 7	'.5	1	0	9)
8/23/2014	54	4 67	38	7	' .5	1	0	9)
8/24/2014	5:	5 68	37	' 7	7.5	1	0	9	
8/25/2014	80	93	34	. 7	'.5	i	0	9	•
8/26/2014	5'	7 70	38	7	7.5	1	0	9)
8/27/2014	6	8 81	36	7	7.5	1	0	9)
8/28/2014	7'	7 90	39	7	1.5	1	0	4,5	;
8/29/2014	5:	3 66	25	: 7	7.5	1	5	4.5	i
8/30/2014	53	3 66	40	, 7	'.5	1	0	9)
8/31/2014	6′	7 80	37	' 7	7.5	1	0	9)

1144

Received KANSAS CORPORATION COMMISSION

270

FEB 2 5 2015