KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		eret-			6	See Instru	ıcti	ions on Rev	erse Side))						
Op	en Flov	v 1	85I			T D					A Di	NI-	4-				
_	liverabi					Test Date 6/1/2015						No, 3-20	າຣ 683-00 0	00			
Company	 / od Re:	soul	rces, Inc.			0/1/2010			Lease Ella Mae	 ;					32-04	Well N	umber
County Location Cheyenne SWNE						Section 4			TWP 3S	RNG (E 42W	RNG (E/W) 42W				Acres Attributed		
Field Cherry C						Reservoir Niobrara							ng Conn stems In		n		
												Set a					
					Internal D	Diameter		Set a		Perforations 1604'							
Tubing Si	ize		Weig			Internal E	Diameter			Set at			Perforations				
Type Con				<u></u>			d Producti	on	<u> </u>				r Traveling	Plui	nger? (Yes	No	
Single (•		nulus / Tubin	<u></u>		Dry Ga	arbon Dio	xid	le		Pump % Nitrog		Unit		Gas Gı	avitv -	 G
Annulus	-	,,	14,00	9)		,,,,		,,,_			,. ,				.6		0
Vertical D	Depth(H)							sure Taps							Run) (F	rover) Size
1874'							Fla		<u> </u>						2"		
Pressure	Buildup		Shut in 6-1						(AM) (PM)								(AM)(PM)
Well on L	.ine:		Started 6-4	· 	20 _	15 at 1:	.25		(AM) (PM)	Taken 6-	·5 		20	15	at <u>2:10</u>		(AM) (PM)
					_		OBSERV	Έ	SURFACE	DATA			_	Dura	ation of Shut	<u>in 96</u>	Hours
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter Prover Press	Differentia ure in	re in Te		Flowing Well Head Temperature		Casi Wellhead I (P _w) or (P _t	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)			Liquid Produced (Barrels)			
Shut-In	(1110110	,,,	psig (Pm)	Inches H ₂	-			-	psig 130	psia 144.4	psig	+	psia	_			
Flow									43 57.4			+		96	<u> </u>	0	
							FLOW ST	rri	EAM ATTRI	BUTES			_			•	
Plate Coefficient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or ver Pressure psia Press Extension Pm x h Pm x h		- 1	Gravity Factor F ₀		Te	emperature Fa		iation Metered Fig ctor R = (Mcfd)		R	GOR (Cubic Fe Barrel)			Flowing Fluid Gravity G _m
			<u>-</u>									3	-				
(P _c)² =		:	(P)2:	=:	(0		OW) (DELI	IVE	ERABILITY)	CALCUL - 14.4) +			_ :		(P _a)	2 = 0.2 2 =	207
(P _c) ² - (I	P _a) ²) _c) ² - (P _w) ²	Choose farmula 1 c 1. P _c ² - P _a ² 2. P _c ² - P _c ² divided by: P _c ² - I		LOG of formula 1, or 2. and divide by:	P _c ² -P _w ²		Backpres Slop Ass	sure Curve e = "n" or igned ird Slope	, n x	LOG			Antilog	O De Equal	pen Flow liverability s R × Antilog (Mcfd)
Open Flo		oneo	authority.	Mcfd @ 1			states that		Deliverabi		o make ti	ne ai	bove repo		@ 14.65 ps		vledge of
		_	•	aid report is to		nd correct	t. Execute	ed 1	this the 21		day of D	ece	mber				20 15
		_				_ KC	C WI	C	HITA_ 2016 -		a	10	ull	//	200	uli	uf)
			Witness	(it any)		8 400		•	2016				For	Compa	ny		
			For Com	nission		A			2010 - VED:				Che	cked b	у		

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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 Ella Mae 32-04
gas well on 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 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 07 2016 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.

W2425

WELL ID

Ella Mae 32-04 LEASE NAME

West St. Francis FIELD

St. Francis

AREA

None

EQUIPMENT

June-15

DATE

	Line	Casing					HRS	Water	REMARKS
DATE	_ PSI _	_ PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
6/1/2015		23 12	3 136	0	0	0	24	0	Downhole pump problems
6/2/2015	12			0	0	0	24	0	
6/3/2015	12	9 12	9' 142	0	0	0	24	0	
6/4/2015	13	0 13	0 143	0	0	0	24	0	
6/5/2015	9	7 9	7' 110	.7	0	0	0	0	
6/6/2015	7	8 7	8 91	4,	0	0	0	0	
6/7/2015	7	'1 7	1, 84	3	0	0	0	0	
6/8/2015	6	61	1 74	3	0	0	0	0	
6/9/2015	4	8 4	8; 61	3	0	0	0	0	
6/10/2015	4	7 4	7 60	3	0	0	0	0	
6/11/2015	4	6 4	6 59	3	0	0	0	0	
6/12/2015	4	5 4	5 58	3	0	0	0	0	
6/13/2015	4	4 4	4 57	3	0	0	0	0	
6/14/2015	4	4 4	4 57	3	0	0	0	0	
6/15/2015	4	4 4	4 57	3	0	0	0	0	
6/16/2015	4	5 4	5 i 58	3	0	0	0	0	
6/17/2015	4	4 4	4 57	3	0	0	0	0	
6/18/2015	4	5 4	5' 58	3	0	0	0	0	
6/19/2015	6	0 6	0 73	3	0	0	2	0	
6/20/2015	6	3 6	3 76	0	0	0	22	0	
6/21/2015	8	5 8	5 98	6	0	0	0	0	
6/22/2015	5	3 5	3 66	3	0	0	0	0	
6/23/2015	4	3 4	3 56	3	0	0	0	0	
6/24/2015	4	3 4	3 56	3	0	0	0	0	
6/25/2015	4	3 4	3' 56	3	0	0	0	0	
6/26/2015	4	3 4	3 56	'3	0	0	0	0	
6/27/2015	4	3 4	3 56	2	0	0	0	0	
6/28/2015	4	3 4	3 56	2	0	0	0	0	
6/29/2015	4	3 4	3 56	2	0	0	0	0	
6/30/2015	4	4 4	4 57	2	0	0	0	0	
7/1/2015	-1	3 -1	3 0	0	0	0	0	0	

Total 79 0

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WELL ID W2425 Ella Mae 32-04 | LEASE NAME

West St. Francis FIELD St. Francis

AREA

None

EQUIPMENT

July-15

DATE

Line Casing					-		HRS	Water	REMARKS		
DATE _	PSI	PSI	STATIC	MCF	SPM	CY	CLE	DOWN	BBLS	(Maximum length 110 characters)	
7/1/2015	4	3 43	56	2)	0	(0	Downhole pump problems	
7/2/2015	4	3 43	56	2	()	0	C	0		
7/3/2015	4	3 43	56	2	()	0	C	0		
7/4/2015	4	4 44	57	2	()	0	0	0		
7/5/2015	4	6 46	59	2	()	0	0	0		
7/6/2015	4	7 47	60	3	()	0	2	. 0		
7/7/2015	4	3 43	56	2)	0	0	0		
7/8/2015	4	3 43	56	2	()	0	16	0		
7/9/2015	12	8 128	141	0)	0	24	0		
7/10/2015	13	3 133	146	0)	0	14	0		
7/11/2015	9	3 93	106	6	()	0	(0		
7/12/2015	7	4 74	87	3		0	0	(0		
7/13/2015	6	1 61	74	3		0	0	(0		
7/14/2015	4	4 44	57	3		0	0	(0		
7/15/2015	4	2 42	. 55	3		0	0	(0		
7/16/2015	4	3 43	56	3		0	0	(0		
7/17/2015	4	3 43	56	2		0	0	(0		
7/18/2015	4	3 43	56	2		0	0	(0		
7/19/2015	4	2 42	55	2		0	0	(0		
7/20/2015	4	2 42	55	2		0	0	(0		
7/21/2015	5	3 53	66	3		0	0	4	0		
7/22/2015	4	3 43	56	2		0	0	(0		
7/23/2015	4	2 42	. 55	2		0	0	(0		
7/24/2015	4	2 42	. 55	2		0	0	(0		
7/25/2015	4	2 42	. 55	2		0	0	(0		
7/26/2015	4	2 42	55	2		0	0	(0		
7/27/2015	4	1 41	54	2		0	0	() 0		
7/28/2015	4	1 41	54	2		0	0	() 0	i e	
7/29/2015	4	1 41	54	2		0	0	(0	1	
7/30/2015	4	-1 41	54	2		0	0	() 0	1	
7/31/2015	4	1 41	54	2		0	0	(0		

69 0 Total

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W2425

WELL ID

EllaMae 32-04 | LEASE NAME

St. Francis

West St. Francis FIELD

AREA

None

EQUIPMENT

August-15

DATE

	Line	Casing					HRS	Water	REMARKS
DATE _	PSI	PSI _	STATIC	MCF	SPM_	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
8/1/2015		2 4	2 55	2	0	0	0	0	Downhole pump problems
8/2/2015	4	2 4	2 55	2	0	0	0	0	
8/3/2015	4	.3 4	3 56	2	0	0	0	0	
8/4/2015	4	1 4	1 54	2	0	0	0	0	
8/5/2015	4	1 4	1 54	2	0	0	0	0	
8/6/2015	4	1 4	1 54	2	0	0	0	0	
8/7/2015	4	2 4	2 · 55	2	0	0	0	0	
8/8/2015	4	1 4	1 54	2	0	0	0	0	
8/9/2015	4	1 4	1 54	2	0	0	0	0	
8/10/2015	4	1 4	1 54	2	0	0	0	0	
8/11/2015	4	2 4	2 55	2	0	0	0	0	
8/12/2015	4	2 4	2 55	2	0	0	0	0	
8/13/2015	4	2 4	2 55	2	0	0	0	0	
8/14/2015	4	3 4	3 56	2	0	0	0	0	
8/15/2015	4	3 4	3 56	2	0	0	0	0	
8/16/2015	4	4 4	4 57	2	0	0	0	0	
8/17/2015	4	3 4	3 56	2	0	0	0	0	
8/18/2015	4	3 4	3 56	2	0	0	0	0	
8/19/2015	4	14 4	4 57	2	0	0	0	0	
8/20/2015	4	!3 4	3 56	2	0	0	0	0	
8/21/2015	4	4 4	4 57	2	0	0	0	0	
8/22/2015	4	15 4	5 58	2	0	0	0	0	
8/23/2015	4	15 4	5 58	2	0	0	0	0	
8/24/2015	4	15 4	5 58	2	0	0	0	0	
8/25/2015	4	17 4	7 60	2	0	0	0	0	
8/26/2015	4	14 4	4 57	3	0	0	0	0	
8/27/2015	4	13 4	3 56	-2	0	0	0	0	
8/28/2015	4	13 4	3 56	2	0	0	0	0	
8/29/2015	4	16 4	6 59	2	0	0	0	0	
8/30/2015	4	9 4	9 62	2	0	0	0	0	
8/31/2015	5	50 5	0 63	2	0	0	0	0	

63 0 Total

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