KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		DCT			(See Instruc	tions on R	everse Side))				
Op	en Flow	MSL		Test Date	٠.			ΛDI	No. 15			
De	liverabilt	у		7/15/20				023	100. 15 3-20611-00	0		
Company		ources, Inc.	thin the state of			Lease Grace			V	1-24	Well Num	ber
			Section 24		TWP 3S	,				Acres Att	ributed	
				Reservoi					hering Conne			****************
			Niobrar	Niobrara Plug Back Total Depth				Systems Inc) .		 	
5/4/2005				1507'				Packer S				
-			Internal I 4.052	Diameter	Set 15(Perfo 130	rations 2'	то 1334'			
Tubing Si	ze	Weig	ht	Internal I	Diameter	Set	at	Perfo	rations	To A		
Type Con Sinle (C		(Describe) tional)		Type Flui Dry Ga	id Production	n			it or Traveling ng Unit	Plunger? (Yes	/ No	
Producing Annulus		Annulus / Tubir	ng)	% (Carbon Dioxi	ide		% Nitrog	en	Gas Gr .6	avity - G _g	
Vertical D	epth(H)					sure Taps					Run) (Pro	ver) Size
1334'				-	Flan	Ξ			· · · · · · · · · · · · · · · · · · ·	2"		
Pressure	Buildup:	Shut in 7-	142	0 09 at 9	:35	(AM) (PM)	7-	15	20	09 _{at} 9:50	<i>[</i> Ai	(PM)
Well on L	ine:	Started 7-1	15 2	0 09 at 9	:50	(AM)(PM)	Taken 7-	16	20	09 _{at} 10:35		(PM)
			· · · · · · · · · · · · · · · · · · ·		OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24	Hours
Static / Dynamic Property	Orifice Size (inches	e Meter Differential T		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		Produced rrels)
Shut-In	•	psig (Pm)	Inches H ₂ 0		`	psig 50	psia 64.4	psig psia				
Flow						100	114.4			24	0	
					FLOW STR	EAM ATT	RIBUTES					
Plate Coeffieci (F _b) (F Mcfd	ent	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fact F _e	tor T	Flowing Temperature Factor F ₁₁	Fa	iation ctor : pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m
									33			
				(OPEN FL	OW) (DELIV	ERABILITY	() CALCUL	ATIONS		/D \/	2 - 0 207	
(P _c) ² =		(P _w) ² =	::	P _d =	9	% (P _c - 14.4) +	14.4 =	:		2 = 0.207 2 =	
	$(P_c)^2 - (P_a)^2$ $(P_c)^2 - (P_w)^2$ Choose for		1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Šlo As	essure Curve ope = "n" - or ssigned	n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			divided by: P _c ² - P _w ²	by:		Stand	dard Slope				(M	eta)
***************************************			· · · · · · · · · · · · · · · · · · ·				r -m					
Open Flov	v		Mcfd @ 14.0	65 psia		Deliveral	bility			//cfd @ 14.65 psi	a	
		rein, and that s	aid report is true					make the	ovember W/	t and that he ha	s knowled	
		Witness (ompany	NOV	3 0 2 00
		For Comn	nission		****	-			Check	ed by	NUA	JU ZUU

exempt status und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	going pressure information and statements contained on this application form are true and
	t of my knowledge and belief based upon available production summaries and lease records
• •	allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Grace 1-24
gas well on the gr	ounds that said well:
(Check	one)
	is a coalbed methane producer
一	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
7	is not capable of producing at a daily rate in excess of 250 mcf/D
_	e to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 11/18/09	
	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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W348 Grace 1-24 St. Francis St. Francis None July-09 FloBoss

	Casing					HRS	Water	REMARKS
DATE	PSI	STATIC N	ICF	SPM	CYCLI	DOWN	BBLS	(Maximum length 110 characters)
7/1/2009		56	34	6.5	12	0	14	
7/2/2009		56	34	6.5	12	0	13	
7/3/2009		56	34	6.5	12	0	14	bucket test 6 min
7/4/2009		56	33	6.5	12	0	13	
7/5/2009		56	33	6.5	12	0	12	
7/6/2009		56	32	6.5	12	0	13	
7/7/2009		60	32	6.5	12	0	14	
7/8/2009		114	10	0	0	6	0	
7/9/2009		78	4	0	0	0	0	
7/10/2009		52	41	0	0	0	0	
7/11/2009		50	34	0	0	0	0	
7/12/2009		52	32	6.5	12	0	0	restarted p u
7/13/2009		52	. 35	6.5	12	0	0	
7/14/2009		52	36	6.5	12	0	13	
7/15/2009	50	80	34	0	0	0	14	shut in for well test 50 psi
7/16/2009	100	67	. 8	6.5	12	0		opened
7/17/2009		67	34	6.5	12	0	14	•
7/18/2009		55	38	6.5	12	0	13	
7/19/2009		55	35	6.5	12	0	14	
7/20/2009		80	21	6.5	12	7	12	
7/21/2009		67	33	6.5	12	0	13	
7/22/2009		67	33	6.5	12	0	14	bucket test 6 min
7/23/2009		67	34	6.5	12	0	14	
7/24/2009		55	34	6.5	12	0	13	
7/25/2009		55	31	6.5	12	0	12	
7/26/2009		55	34	6.5	12	0	12	
7/27/2009		54	25	6.5	12	4	13	
7/28/2009		52	34	6.5	12	0	14	
7/29/2009		61	33	6.5	12	0	14	
7/30/2009		61	28	6.5	12	0	13	
7/31/2009		54	34	6.5	12	0		bucket test 6 min

Total 947

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KCC WICHITA

W348 Grace 1-24 St. Francis St. Francis None August-09

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	Casing						HRS		Water	REMARKS
DATE	PSI	STATIC	MCF		SPM	CYCLE	DOWN		BBLS	(Maximum length 110 characters
8/1/2009		70		32	6.5	12		0	14	-
8/2/2009		70		32	6.5	12		0	13	
8/3/2009		62		30	6.5	12		0	12	
8/4/2009		52		32	6.5	12		0	13	
8/5/2009		52		31	6.5	12		0	14	
8/6/2009		77		29	6.5	12		0	13	
8/7/2009		55		32	6.5	12		0	12	
8/8/2009		54		32	6.5	12		0	13	
8/9/2009		54		32	6.5	12		0	14	
8/10/2009		53		32	0	0		0	0	PU OFF
8/11/2009		50		32	0	0		0	0	
8/12/2009		50		33	0	0		0	0	
8/13/2009		48		33	0	0		0	0	
8/14/2009		48		33	0	0		0	0	
8/15/2009		50		32	0	0		0	0	
8/16/2009		52		32	0	0		0	0	
8/17/2009		110		10	0	0		0	0	
8/18/2009		116		0	0	0		0	0	
8/19/2009		120		0	0	0		0	0	
8/20/2009		52		26	6.5	12		0	0	started pumping unit
8/21/2009		51		39	6.5	12		0	14	
8/22/2009		51		39	6.5	12		0	13	
8/23/2009		51		36	6.5	12		0	12	
8/24/2009		64		33	6.5	12		0	13	
8/25/2009		64		30	6.5	12		0	14	
8/26/2009		52		30	6.5	12		0	13	
8/27/2009		53		34	6.5	12		0	13	
8/28/2009		54		34	6.5	12		0	14	
8/29/2009		110		34	6.5	12		0	14	
8/30/2009		65		28	6.5	12		0	13	
8/31/2009		54		34	6.5	12		0	12	

Total 916

NOV 3 0 2009
KCC WICHITA

W348 Grace 1-24 St. Francis St. Francis None

September-09

FloBoss

	Casing			HRS	Water
DATE	PSI	STATIC MCF	SPM	CYCLE DOWN	N BBLS
9/1/2009		53	33		0
9/2/2009		57	33		0
9/3/2009		56	31		0
9/4/2009		57	21		6
9/5/2009		56	34		0
9/6/2009		55	32		0
9/7/2009		55	31		0
9/8/2009		55	31		0
9/9/2009		58	31		0
9/10/2009		53	32		0
9/11/2009		52	32		0
9/12/2009		51	32		0
9/13/2009		55	31		0
9/14/2009		85	32		0
9/15/2009		51	32		0
9/16/2009		49	32		0
9/17/2009		49	32		0
9/18/2009		48	32		0
9/19/2009		48	33		0
9/20/2009		49	32		0
9/21/2009		47	32		0
9/22/2009		47	30		0
9/23/2009		47	28		0
9/24/2009		47	32		0
9/25/2009		56	19		0
9/26/2009		92	13		0
9/27/2009		84	27		0
9/28/2009		76	33		0
9/29/2009		54	36		0
9/30/2009		104	20		8
10/1/2009	_				0

Total 899