KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st: pen Flo	ow	MSI			(See Instruc	tions on R	leverse Sid	(e)				
Deliverabilty Test Date: 2/4/2009						API No. 15 181-20402-00-							
Compan		esou	ırces			· -	Lease Trach	sel					umber
Rosewood Resources County Location Section					TWP RNG (E/W)					21-13 Acres Attributed			
Sherma	n		NWN	E	13		7S		39W			80	
Field Reservoir Goodland Niobrara						Gas Gathering Connection Branch Systems Inc.							
2/24/20		te			Plug Bad 1145'	ck Total Dept	th _i		Packer	Set at			
Casing Size 2 7/8"			Weight 6.5#		Internal Diameter 2.441		Set at 1146'		Perfo 996	orations '	To 102	28'	
Tubing S none	Tubing Size Weight			jht	Internal	Diameter	Set	Set at Perforations		orations	То		
Type Cor Single					Type Flu Dry Ga	id Production	n	Pump Unit or Traveling Flowing			g Plunger? Yes /No		
	<u> </u>		nulus / Tubii	ng)	<u> </u>	Carbon Dioxi	de	· · · · · · · · · · · · · · · · · · ·	% Nitro		Gas	Gravity -	G _g
Annulu	_						<u> </u>				.6		
Vertical D	Jeptn(r	1)				Flan	sure Taps ge				(Me ⁻	ter Run) (f	Prover) Size
Pressure	Buildu	ıp:	Shut in _2-	3 2	09 at 9	:35	(AM) (PM)	Taken 2	-4	20	09 at 9:50)	(AM)(PM)
Well on L	ine:		Started 2-4	<u>4</u> 2	0 09 at 9	:50	(PM)	Taken 2-			09 at 10:3		(AM)(PM)
						OBSERVE	D SURFAC	E DATA			Duration of SI	nut-in 72	Hours
Static / Dynamic Property	Siz	Size Meter Differential		Differential in	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	1 '	id Produced (Barrels)
Shut-In			, , ,	1101100 1120			psig 11	25.4	psig	psia			
Flow					13 27.4				72	0			
		`				FLOW STR	EAM ATT	RIBUTES					·
Plate Coefficeient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or Press Extension Prover Pressure psia Pmxh				Flowing emperature Factor F ₁₁	Fa	eviation Metered Flor Factor R F _{pv} (Mcfd)		(Cubic Bar	Feet/	Flowing Fluid Gravity G _m
						1		·	ļ	6			
(P _c) ² =			(P _w)² =	. ·	(OPEN FLO	OW) (DELIVE		') CALCUL P _c - 14.4) +				P _a) ² = 0.2	107
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ² 1		Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide p2.p2		Backpressure Curve Slope = "n"		n x LOG		Antilog		pen Flow iverability R X Antilog (Mcfd)
				·									
Open Flow	v			Mcfd @ 14.6	S5 psia	i	Deliverat	oility			Mcfd @ 14.65	nsia	
				n behalf of the aid report is true			is duly a	uthorized to				has know	ledge of
			Witness (if any)		1	-		Por	n W	ompany of	I/R	CEIVED
			For Comm	nission		· · · · · · · · · · · · · · · · · · ·	-		-		ked by	NO!	V 3 0 200

	!	
	1	
I declare und	ler penalty of perjury under the laws	of the state of Kansas that I am authorized to request
		the operator Rosewood Resources, Inc.
		ements contained on this application form are true and
		upon available production summaries and lease records
	-	on or upon use being made of the gas well herein named.
• •	est a one-year exemption from open	
	rounds that said well:	•
(Check	one)	
	is a coalbed methane producer	
	is cycled on plunger lift due to water	er
	is a source of natural gas for injecti	ion into an oil reservoir undergoing ER
	is on vacuum at the present time; K	CC approval Docket No
✓	is not capable of producing at a da	ily rate in excess of 250 mcf/D
I further agre	e to supply to the best of my ability a	ny and all supporting documents deemed by Commission
staff as necessar	y to corroborate this claim for exemp	otion from testing.
	!	
Date: 11/16/09		
	!	
	•	
	1	
	Signature: _	Tom W Reelp
	Title: _	Production Foreman
	T	
	1	

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.

NOV 3 0 2009

W2264 Trachsel 21-13 North Goodland Goodland None February-09

					<u> </u>	
	Casing			HI	1	REMARKS
DATE	PSI	STATIC	MCF		OWN	(Maximum length 110 characters)
2/1/2009			4	6	0	
2/2/2009	1	1 2	6	6	. 0	
2/3/2009	1	6 2	9	4	12	
2/4/2009	1	6 2	9	0	24	
2/5/2009	1	6 2	9	0	24	
2/6/2009	1	6 2	9	0	24	
2/7/2009	1	6 2	9	0	10	bp
2/8/2009	1	3 2	6	4	0	
2/9/2009	1	3 2	6	5	0	
2/10/2009	1	3 2	6	5	5	
2/11/2009	1	3 2	6	5	2	
2/12/2009	1	4 2	7	5	0	
2/13/2009	1	3 2	6	5	0	
2/14/2009	1	3 2	6	5	0	
2/15/2009	1	3 2	6	5	0	
2/16/2009	1	3 2	6	5	0	
2/17/2009	1	3 2	6	5	0	
2/18/2009	1	5 2	8	7	0	bp
2/19/2009	1-	4 · 2	7	6	0	
2/20/2009	1-	4 2	7	6	0	
2/21/2009	1	4 2	7	6	0	
2/22/2009	1.	4 2	7	6	0	
2/23/2009	1	4 2	7	6	0	
2/24/2009	1.	4 2	7	6	0	
2/25/2009	14	4 2	7	6	0	
2/26/2009	1:	2 2:	5	6	0	
2/27/2009	13	2 2:	5	6	6	
2/28/2009	12	2 2:	5	4	6	
3/1/2009				ļ.	0	V.
3/2/2009				1	0	
3/3/2009				i	0	

Total 130

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W2264 Trachsel 21-13 North Goodland Goodland None March-09

	Casing				IRS	REMARKS
DATE	PSI	STATIC	MCF	I	OWN	(Maximum length 110 characters)
3/1/2009	15	28	3	2	()
3/2/2009	15	28	3	2	()
3/3/2009	15	28	3	2	į)
3/4/2009	15	28	3	2)
3/5/2009	14	27	7	6	i () bp
3/6/2009	14	27	7	6)
3/7/2009	14	. 27	7	6	,)
3/8/2009	14	. 27	7	6	<u> </u>)
3/9/2009	14	27	7	6	. ()
3/10/2009	14	27	,	6	()
3/11/2009	14	27	,	6)
3/12/2009	14	27	,	6)
3/13/2009	12	25	;	6	Ċ)
3/14/2009	12	25	;	6	. 0)
3/15/2009	12	25	;	6	. 0)
3/16/2009	12	25	;	6)
3/17/2009	12	25		6	. 0)
3/18/2009	12	25		6	0)
3/19/2009	12	25		6	. 0)
3/20/2009	12	25		6	j 0)
3/21/2009	12	25		6	0	
3/22/2009	12	25		6	i 0	1
3/23/2009	12	25		6	0	r
3/24/2009	12	25		6	0	•
3/25/2009	11	24		6	0	ı
3/26/2009	11	24		6	0	
3/27/2009	11	24		6	0	
3/28/2009	11	24		6	0	
3/29/2009	11	24		6	0	
3/30/2009	11	24		6	0	
3/31/2009	11	24		6	0	

Total 170

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