KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: en Flov	. · į	7.2.T		,		tions on Re	verse Side	•						
De	liverabl	lty			Test Date 2/4/2010					No. 15 -20361 - 00 -	-CC)			
Company Rosewoo		sour	ces				Lease Pancak	 (e	***			3-10	Well Nu	mber	
County Location Sherman NENW				Section 10			TWP 7S		RNG (E/W) 39W			Acres A BO	ttrlbuted		
Field Goodland				Reservoir Niobrara			Gas Gathering Conn Branch Systems In					•			
Completion Date 9/8/2004				Plug Back Total Depth 1174'			Packer Set at		Set at				,		
Casing Size Weight 2 7/8" 6.5#				Internal Diameter 2.441			Set at 1185'		Perforations 1005'						
Tubing Size Weight none				Internal Diameter					erforations		То		·		
Type Con Single (Conv	enti	onal)		Dry Ga				Flowir		Plunger	<u></u>	7 (No.) 	_	
Annulus	Producing Thru (Annulus / Tubing) Annulus												Gas Gravity - G		
Vertical D	epth(H)			Pressure Taps Flange								(Meter Run) (Prover) Size		
Pressure	Bulldup	p: -	Shut in	20	10 at 2	:50	(AM) (PM)	Taken 2	4	20	10 at.	3:05	(AM (PM)	
Well on L	ine:	!	Started 2-4		10 at		(AM) (PM)				10 at	3:50	(AM (PM)	
			,			OBSERVE	ED SURFAC	E DATA			Duration	of Shut-	n 72	Hours	
Static / Dynamic Property	Oynamic Size Prover Pressure		Pressure Differential in Inches H ₂ 0	rential Temperature Temperature		(P _m) or {P ₁ } or {P _n }		Wellhe	(P _w) or (P _t) or (P _e)				d Produced Barrels)		
Shut-In							psig 10	24.4	psig	psla					
Flow			<u></u>			5: 0.11.0-	13	27.4			72		О		
Diete			Circle one:			FLOW STI	Flowing	RIBUTES	-			_		51 i	
Plate Coeffictient (F _b) (F _p) Motd		Meter or Prover Pressure pala		Press Extension Pxh	ion Factor		Temperature F		riation actor	ctor R		GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G	
					<u> </u>					9					
					(OPEN FL	OW) (DELI\	/ERABILITY	/) CALCUL	ATIONS	· -		/D \	= 0.2	7	
(P _o) ² =		:	(P _w) ² =	:	P _d =		% (P _c - 14.4) +	14.4 =	;		(P _d)		 _	
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		1. P ₂ ² - P ₂ ² 2. P ₃ ² - P ₄ ² ded by: P ₂ ² - P ₂ ²	LOG of formula 1, or 2, and divide by:	tormuts 1. or 2. and divide p 2. p 2		Backpressure Curve Slope = "n" Assigned Standard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo				Moid # 14	SE pois		Dalivare	hilibe			14ct-1 & .	14 CE'			
				Mcfd @ 14.0			Deliveral					14.65 psi			
			i authority, on t n, and that said		_		_			ne above repo December	rt and th	atheha		edge of .	
						-)a	snel	<u> </u>	GC.	LU	W	
		_	Witness (il ar			 -			<i>/</i>		company	KANS	F AS COR	RECEIVED PORATION COM	
	- •	_	For Commissi	on		-				Chec	ked by				

exempts and that correct to of equipm I here	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. he foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records ent installation and/or upon type of completion or upon use being made of the gas well herein named. by request a one-year exemption from open flow testing for the Pancake 3-10
gas well	on the grounds that said well:
	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 ser agree to supply to the best of my ability any and all supporting documents deemed by Commission secessary to corroborate this claim for exemption from testing.
Date: 12	16/10
Date:	10/10
	Signature: Dannel Celle

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 RECEIVED signed and dated on the front side as though it was a verified report of annual test results.

KANSAS CORPORATION COMMISSION

W415
Pancake 3-10
North Goodland
Goodland
None
February-10

	Casing			Н	IRS	REMARKS
DATE	PSI	STATIC	MCF	D	OWN	(Maximum length 110 characters)
2/1/2010	1	0 2	3	2	0	10psi, 8:00am
2/2/2010	1	0 2	3	0	22	
2/3/2010	1	2 2	5	0	24	
2/4/2010	1	3 2	6	0	24	
2/5/2010	1	3 2	6	11	0	
2/6/2010	1	1 2	4	7	1.5	
2/7/2010	1	0 2	3	7	1	
2/8/2010	1	0 2	3	7	0	
2/9/2010	1	0 2	3	1	18	
2/10/2010	1	3 2	6	0	24	
2/11/2010	1	4 2	7	0	24	bp
2/12/2010	1	4 2	7	0	15	
2/13/2010	1	5 2	8	0	24	
2/14/2010	1	5 2	8	0	12	
2/15/2010	1	6 2	9	0	18	
2/16/2010	1	6 2	9	0	8	
2/17/2010	1	4 2	7	4	8	
2/18/2010	1	4 2	7	4	8	cd
2/19/2010	1	4 2	7	5	6	
2/20/2010	1	3 2	6	7	5	
2/21/2010	1	2 2	5	10	0	
2/22/2010	1	0 2	3	11	0	
2/23/2010		9 2	2	10	1	
2/24/2010		9 2	2	9	0	
2/25/2010		9 2	2	7	1.5	nb
2/26/2010	1	0 2	3	5	5.5	
2/27/2010		9 2	2	9	1	
2/28/2010		9 2	2	9	0	
3/1/2010		0	0	0	0	
3/2/2010		0	0	0	0	
3/3/2010		0	0	0	0	

Total 125

RECEIVED KANSAS CORPORATION COMMISSION

W415
Pancake 3-10
North Goodland
Goodland
None
March-10

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters
3/1/2010		8	21	9	0	
3/2/2010		8	21	10	0	
3/3/2010		8	21	9	0	
3/4/2010		8	21	8	0	
3/5/2010		9	22	6	0	
3/6/2010		8	21	10	0	
3/7/2010		7	20	10	0	
3/8/2010		7	20	10	0	
3/9/2010		6	19	10	0	
3/10/2010		6	19	9	0	
3/11/2010		6	19	9	0	bp
3/12/2010		6	19	9	0	
3/13/2010		6	19	9	0	
3/14/2010		6	19	7	0	
3/15/2010		6	19	9	0	
3/16/2010		6	19	9	0	
3/17/2010		6	19	9	0	
3/18/2010		6	19	8	0	
3/19/2010		6	19	8	0	
3/20/2010		6	19	9	0	
3/21/2010		5	18	9	0	
3/22/2010		5	18	9	0	cal
3/23/2010		6	19	6	0	
3/24/2010		6	19	8	0	
3/25/2010		6	19	8	0	
3/26/2010		6	19	8	0	
3/27/2010		6	19	8	0	
3/28/2010		6	19	8	0	
3/29/2010		6	19	8	0	
3/30/2010		6	19	8	0	
3/31/2010		7	20	6	0	

Total 263

RECEIVED KANSAS CORPORATION COMMISSION