KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes						(See In	nstruç	tions on R	everse Sid	e)					
			AST.		Test Date	e:	1			AF	PI No. 15				
' '	eliverabi 	шу			8/4/200	8				15	-023-20566	9000		Mall No	
Company Rosewood Resources						<u> </u>	Lease Isernha	agen				1-27	Well No	umber	
County Location Cheyenne SWSW			Section 27			TWP 3S		RNG (E 41W	E/W)			Acres 80	Attributed		
						Reservoir Niobrara				athering Conr h Systems In					
Completion Date 9/10/2004					Plug Bac 1589'	Plug Back Total Depth 1589'				Packer Set at					
Casing Size Weight 4 1/2" 10.5#			Internal I 4.052	Internal Diameter 4.052			Set at Perforations 1632' 1378'			то 1416 '					
Tubing S none	ize		Weigh	t	internal I	Diamet	er	Set	at	Perf	orations		То		
Type Cor Single ((Conv	ent	ional)		Type Flui Dry Ga		luction	n		Pump U Flowi	Init or Traveling ng	Plunger	? Yes	/(Ño))
Producing Annulus	-	(Anı	nulus / Tubinç))	% (Carbon	Dioxi	ide		% Nitro	gen		Gas Gravity - G _g .6		3,
Vertical D	Depth(H)					Pres Flan	sure Taps ge					(Meter 2"	Run) (P	rover) Size
Pressure	Buildup	o: :	Shut in 8-4		08 at 1	0:05	+-				5 20			,	AM)(PM)
Well on L		;	Started 8-5	2	08 at 1	0:50		(PM)	Taken 8	-6	20	08 at	11:05	((PM)
						OBS	ERVE	D SURFAC	E DATA			Duration	of Shut	-in 24	. Hours
Static / Dynamic Property	(inches) Prover Pressure in t		Wellhead	Casing Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) (P_w) or (P_1) or (P_c)			Duration L (Hours)			d Produced Barrels)					
Shut-In			psig (Pm)	Inches H ₂ 0			!	psig psia psig psia							
Flow								120	134.4			24		0	
						FLOW	/ STR	EAM ATT	RIBUTES	•				•	
Plate Coeffiecient (F _b) (F _p) Mcfd			Circle one: Meter or ver Pressure psia	Meter or Extension er Pressure		ctor Fac		Flowing Temperature Factor F ₁₁	Fa	Deviation Metered Flor Factor R F _{pv} (Mcfd)		w GOR (Cubic Fe Barrel)			Flowing Fluid Gravity G _m
							<u> </u>				9				
(P _c) ² =	to take a second	:	(P _w) ² =	:	(OPEN FLO	OW) (D			/) CALCUL P _c - 14.4) +		:		(P _a) (P _d)	$r^2 = 0.2$ $r^2 = $	07
(P _c) ² - (F	-	(P	_c)² - (P _w)²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^3$	LOG of formula 1. or 2. and divide	P _c ² - P) 2 W	Slo	essure Curve ope = "n" - orssigned dard Slope	n x	LOG	Anti	log	Deli	en Flow verability R x Antilog Mcfd)
						-									
Open Flov	w			Mcfd @ 14.	65 psia			Deliverat	oility			Mcfd @ 1	4.65 ps	ia	
											he above repo	rt and the	at he ha		
he facts st	tated the	ereir	n, and that sa	id report is true	e and correct	Exec	cuted	this the 1			December		•	, 2	20 08
 		<u>.</u>	Witness (if	any)	RECENT CORPORATION	DM COM	MMSS.	Oi:1	w	ayne_	Force	Company		R	ECEIVE
			For Commis	esion KANSAS	JAN 2	ð 500	19	-			Chec	ked by			P 1 8 2
					JAN Z	DINOITA ATILL	inizio) _M							
					1 min /WILL	,	!							KU	C WICH

		į							
l doctoro uno	dar nanalty of narium	under the laws of	f the state of l	Vanaa that Lam	authorizad to vocus				
					authorized to request				
	der Rule K.A.R. 82-3-								
	going pressure inform			• •					
correct to the bes	st of my knowledge an	id belief based upo	on available p	roduction summar	es and lease records				
	allation and/or upon ty	•	-	-					
I hereby requ	est a one-year exemp	otion from open flo	w testing for th	ne Isernhagen 1-	27				
gas well on the g	rounds that said well:	İ							
(Checi	k one)	!							
	is a coalbed methar	ne producer							
	is cycled on plunge	r 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 pro	oducing at a daily	rate in excess	s of 250 mcf/D					
		i							
I further agre	e to supply to the bes	at of my ability any	and all suppo	orting documents of	leemed by Commission				
	y to corroborate this	i			·				
Data 12/11/09	•	!							
Date: 12/11/08		1							
		ı			RECEIVED				
		į			KANSAS CORPORATION COMMIS				
					JAN 2 9 2009				
		Signature:	lesses o	mah	CONSERVATION DIVISION				
			•		WICHITA, KS				
		Title: Pr	oduction Fore	eman	1700-2				
		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.

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W351 Isernhagen 01-27 St. Francis

St. Francis

None

August-08

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
8/1/2008		69	10	0	
8/2/2008		77	9	; 0	
8/3/2008		75	10	0	
8/4/2008		72	10	. 0	
8/5/2008	5	0 70	9	! 0	shut in for test
8/6/2008		70	1	0	open
8/7/2008		70	17	' 0	
8/8/2008		71	10	0	
8/9/2008		71	10	0	
8/10/2008		71	10	0	
8/11/2008		71	10	. 0	
8/12/2008		71	10	0	
8/13/2008		69	10	0	
8/14/2008		69	10	, 0	
8/15/2008		69	10	0	
8/16/2008		68	10	. 0	
8/17/2008		69	10	. 0	
8/18/2008		71	10	. 0	
8/19/2008		71	10	0	
8/20/2008		72	9	0	
8/21/2008		78	9	. 0	
8/22/2008		83	9	0	
8/23/2008		86	9	0	
8/24/2008		80	10	0	
8/25/2008		82	9	0	
8/26/2008		82	9	. 0	
8/27/2008		84	9	0	
8/28/2008		94	9	0	
8/29/2008		82	9	0	
8/30/2008		72	10	. 0	
8/31/2008		68	10	. 0	

Total 297



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St. Francis

St. Francis

None

September-08

	Casing				HRS		REMARKS
DATE	PSI	STATIC	MCF		DOV	VN_	(Maximum length 110 characters)
9/1/2008		67		10		0	
9/2/2008		65		10	1	0	
9/3/2008		64		9		0	
9/4/2008		67		9		0	
9/5/2008		65		9	!	0	
9/6/2008		182		9		14.5	
9/7/2008		100		12	1	0	
9/8/2008		66		10		0	
9/9/2008		65		9	:	0	
9/10/2008		67		9		0	
9/11/2008		76		9		0	
9/12/2008		90		9		0	
9/13/2008		112		9		0	
9/14/2008		64		10		0	
9/15/2008		65		10	1	0	
9/16/2008		65		9		0	
9/17/2008		66		9		0	
9/18/2008		63		9		0	
9/19/2008		63		9		0	
9/20/2008		62		9		0	
9/21/2008		61		9		0	
9/22/2008		61		9	1	0	
9/23/2008		61		9	:	0	
9/24/2008		63		9		0	
9/25/2008		63		9	i	0	
9/26/2008		65		9	:	0	
9/27/2008		64		9	i	0	
9/28/2008		65		9	1	0	
9/29/2008		65		9		0	
9/30/2008		65		9		0	
10/1/2008						0	

Total 278



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Isernhagen 01-27

St. Francis

St. Francis

None

October-08

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
10/1/2008	101	65	9		(Maximum length 110 characters)
10/2/2008		65	9	î	
10/3/2008		66	9		
10/4/2008		65	9	0	
10/5/2008		66	9	0	
10/6/2008		65	9	. 0	
10/7/2008		65	9	0	
10/8/2008		160	6	14	
10/9/2008	120		11	0	
10/10/2008		67	11	0	
10/11/2008		65	9	0	
10/12/2008		63	9	0	
10/13/2008		64	9	0	
10/14/2008		65	9	0	
10/15/2008		66	9	0	
10/16/2008	55	66	9	, 0	
10/17/2008		65	9	0	
10/18/2008		65	9	0	
10/19/2008		65	9	. 0	
10/20/2008		64	9	0	
10/21/2008		65	9	0	
10/22/2008		65	9	0	
10/23/2008	50	64	9	. 0	
10/24/2008		65	9	0	
10/25/2008		65	9	0	
10/26/2008		65	9	i 0	
10/27/2008		68	9	0	
10/28/2008		65	9	; 0	
10/29/2008		66	9	o	
10/30/2008	55	67	9	0	
10/31/2008		66	9	. 0	

Total 280



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