KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			and the same		(See Instruc	tions on Re	verse Side	9)				
Open Flow Deliverability					Test Date 5/9/201			API No. 15 023-21252-00					
Company Rosewoo	od Re	sour	rces, Inc.				Lease Zweyga	rdt			44-24	Well Nu	mber
					Section 24		TWP 3S			W)		Acres A 80	ttributed
Field Cherry C	reek	= =			Reservoli Niobrara					hering Conn Systems In			_
Completio 9/20/201		e			Plug Bac 1495'	Plug Back Total Depth 1495'			Packer Set at				· _
Casing Size Weight 4 1/2" 10.5#					Internal I 6.366	Diameter		Set at 1535'		rations O'	то 1350'		
Tubing Siz	ZÐ		Weigh	t	Internal (Internal Diameter Set at			Perfo	rations	То		
Type Com Single (Type Flui Dry Ga	id Productio	n	·	Pump Ur flowing	nit or Traveling	Plunger? Yes	(No)	
Producing Annulus		(Anr	nulus / Tubing	9)	% C	Carbon Diox	ide		% Nitrog	en	Gas G .6	Gas Gravity - G _g .6	
Vertical De 1550'	epth(H	1)				Pres Flan	ssure Taps Ige				(Meter Run) (Prover) Size 2"		
Pressure I	Buildu	•				11 at 5:35 (AM) (PM) Taken 5-9					11 at 5:50		
Well on Li	ne:	;	Started 5-9		11 at 5	:50	(AM) (PM))Taken <u>5</u> -	-10	20	11 at 6:20	(AMX(PM)
			Circle one:	<u> </u>	ı	OBSERVE	ED SURFACE		T		Duration of Shut	-in_24	Hours
Static / Dynamic Property	Dynamic Size		Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H _* 0	Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Nubing ad Pressure r (P _c) or (P _c)	Duration (Hours)		d Produced Barrels)
Shut-In							180	194.4	psig	pose			
Flow					<u> </u>		163	177.4	<u> </u>		24		
	Т			ı		FLOW STI	REAM ATTR	IBUTES					
Plate Coefficeient (F _b) (F _p) Mcfd			Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Extension Factor		tor Temperature		Deviation Metered Fix Factor R F _{pv} (Mcfd)		ow GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
										66			
(D.)3			(D. 12		-		/ERABILITY	-) ² = 0.2	07
$\frac{(P_e)^2 =}{(P_e)^2 \cdot (P_e)^2}$)²	: (F	$(P_w)^2 = \frac{(P_w)^2 - (P_w)^2}{(P_w)^2}$	Choose formula 1 or . 1. Pa - Pa	P _d =		Backpre	ssure Curve pe = "n"		:			en Flow
(P _e) ² - (P)²		-	2. Per Per divided by: Per	1. or 2. and divide	P. 2 - P. 2	As	signed ard Slope	-		Antilog	Equals	R x Antilog (Mcfd)
Open Flov	<u> </u>			Mcfd ② 14	.65 psla		Deliverat	ollity		-	Mcfd @ 14.65 ps	sia	
				n behalf of the			•	_		ecember	ort and that he h		ledge of 20
			Witness (if any)	_		-	\leq	Ja	MULL	L CU	UL	ECHIN
			For Comm	nizsion			-			Che	cked by	A	R 24

exempt status under Rule K.A.R. 82-3-304 on bell and that the foregoing pressure information and correct to the best of my knowledge and belief be	d statements contained on this application form are true and ased upon available production summaries and lease records appletion or upon use being made of the gas well herein named.
is on vacuum at the present ti	
I further agree to supply to the best of my at staff as necessary to corroborate this claim for e	cility any and all supporting documents deemed by Commission exemption from testing.
Date: 12/28/11	
Signa	ture: <u>Production Assistant</u>

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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Zweygardt 44-24

St. Francis

St. Francis

Flow

May-11

FloBoss

		Casing			HRS	Water	REMARKS
DATE	PSI	PSI	STATIC MCF	SPM	CYCLEDOWN	BBLS	(Maximum length 110 characters
5/1/2011		177					
5/2/2011		178	121 67	7			
5/3/2011		178	121 67	7			
5/4/2011		165	121 68	3			
5/5/2011		166	121 68	3			
5/6/2011		166	120 68	}			
5/7/2011		167	120 68	3			
5/8/2011		185	146 68	3			
5/9/2011		180	140 ()	24		Compressor Down
5/10/2011		166	121 1	ļ			
5/11/2011		180	121 53	3			
5/12/2011		167	121 64	ļ			
5/13/2011		180	121 67	7			
5/14/2011		166	120 67	7			
5/15/2011		167	121 68	3			
5/16/2011		166	120 68	}			
5/17/2011		166	120 68	}			
5/18/2011		167	121 67	7			
5/19/2011		166	120 68	}			
5/20/2011		166	120 68	}			
5/21/2011		166	120 68	}			
5/22/2011		165	119 58	3			
5/23/2011		165	120 64	ļ			
5/24/2011		166	119 67	7			
5/25/2011		167	120 63	7			
5/26/2011		167	120 68	}			
5/27/2011		162	120 68	}			
5/28/2011		163	120 65	5			
5/29/2011		163					
5/30/2011		163					
5/31/2011		163	120 60				

Total 1933 0

W2738

Zweygardt 44-24

St. Francis

St. Francis

Flow

June-11

FloBoss

Total

		g Casing				HRS		REMA	
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE DOV	WN BBLS	(Maximum lengtl	110 characters
6/1/2011		163				- 			·
6/2/2011		163	120						
6/3/2011		163	120	65					
6/4/2011		162							
6/5/2011		162							
6/6/2011		162							
6/7/2011		162	119	65					
6/8/2011		162	120						
6/9/2011		162	120	65					
6/10/2011		162							
6/11/2011		162							
6/12/2011		162							
6/13/2011		162							
6/14/2011		159	119	65					
6/15/2011		159	119	65					
6/16/2011		159	119	61					
6/17/2011		159	120	63					
6/18/2011		159	119	64	Ļ				
6/19/2011		159	119	64	,				
6/20/2011		159	120	63					
6/21/2011		159	120	64					
6/22/2011		159	120	64					
6/23/2011		159	119	42	,		1		
6/24/2011		158	119	60)				
6/25/2011		158	119	63					
6/26/2011		158	119	63					
6/27/2011		158	119	63					
6/28/2011		158	119	63					
6/29/2011		158	119	63					
6/30/2011		158	119	64					
7/1/2011									

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Zweygardt 44-24

St. Francis

St. Francis

Flow

July-11

FloBoss

Total

		g Casing			HRS	Water	REMARKS
DATE	PSI	PSI	STATIC		CYCLE DOWN	BBLS	(Maximum length 110 characters
7/1/2011		158					
7/2/2011		158					
7/3/2011		158	82	64			
7/4/2011		158	83	64			
7/5/2011		158	119	64			
7/6/2011		158	119	64			
7/7/2011		158	119	64			
7/8/2011		158	119	64			
7/9/2011		158	119	64			
7/10/2011		158	119	63			
7/11/2011		158	119	63			
7/12/2011		158	119	63			
7/13/2011		158	119	63	1		
7/14/2011		158	118	62			
7/15/2011		158	81	63			
7/16/2011		156	81	63			
7/17/2011		158	86	63			
7/18/2011		156	105	63			
7/19/2011		152	111	57	2		
7/20/2011		153	118	62			
7/21/2011		152	119	55			
7/22/2011		148	118	62			
7/23/2011		148	118	64			
7/24/2011		148	118	64			
7/25/2011		148	118	64			
7/26/2011		148	118	64			
7/27/2011		148	118	64			
7/28/2011		148	118	64			
7/29/2011		106	119	57			
7/30/2011		104	117	61			
7/31/2011		104	117	62			

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