KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:	PXT		(See Instruct	ions on Re	verse Side))			-	
Оре	en Flow	ASP		Test Date	·			ΔΡΙ	No. 15			
Del	liverabilty			9/28/20			ſ.		3-21074-00			
Company Rosewoo		urces, Inc.				Lease Zweyga	ardt			44-10	Well Number	
County Location Section Cheyenne SESE 10					TWP RNG (E/W) 3S 41W			Acres Attributed 80				
ield Cherry C	reek			Reservoir Niobrara		Gas Gathering Connection Branch Systems Inc.						
Completic				Plug Bac 1618'	k Total Dept	h		Packer :	Set at			
Casing Si 1 1/2"	ize	Weight 10.5#		Internal D	Diameter	r Set at 1618'			rations 6'	то 1416'		
Tubing Size Weight Internal Diam			Diameter	Set at Perforations				То				
	npletion (I	Describe) ntional)		Type Flui Dry Ga	d Production	1		Pump U	nit or Traveling	Plunger? Yes	No -	
	g Thru (A	nnulus / Tubing)		arbon Dioxid	de		% Nitrog	=	Gas G	ravity - G _g	
Annutus Vertical Depth(H) 5360'			-		Press Flang	sure Taps		_ -			Run) (Prover) Size	
Pressure	Buildup:	Shut in 9-2	7 2	0 11 at 4	:15		Taken 9	-28	20	11 at 4:30	(AM((PM))	
Well on Li	ine:	Started 9-28			:30					11 at 5:15	(AM)(PM)	
					OBSERVE	D SURFAC	E DATA			Duration of Shut	-in 24 Hours	
Static / Dynamic Property	ynamic Size Prover Pre		-	· I Flowing Well L		Wollhand Proceure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		psig (Pm)	inches H ₂ 0	<u> </u>	,	psig 162	psia 176.4	psig	psia			
Flow						88	102.4			24	1" 1	
					FLOW STR	EAM ATTR	RIBUTES					
Plate Coefficient (F _b) (F _p) Modd		Circle one: Mater or Prover Pressure psia Press Extension ✓ P _m x h		Fac	Gravity T Factor F		Flowing Dev Temperature Fa Factor F		Metered Flor R (Mcfd)	w GOR (Cubic Fo Barrel	(Gravity)	
									21			
P _e) ² =		(P _w) ² =	:	(OPEN FL	OW) (DELIVI		/) CALCUI P _e - 14,4) +		:	-) ² = 0.207) ² =	
		(P _c) ² - (P _w) ² 1. P _c ² - P _d 1. Coose formula 1 or 2: 1. P _c ² - P _d 1. Coose formula 1 or 2: 1. Social for 2. P _c ² - P _d 1. and		LOG of formula 1, or 2, and divide	LOG of Slope 1. or 2. end divide p 2 p 2 Assi		essure Curvi ope = "n" - or ssigned dard Slope	n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (McId)	
Doon Flor			Maid & 14	CE -aia		Dallinaaal	L-1614			Madel & 14 CF as		
Open Flor			Mcfd @ 14.			Deliveral				Mcfd @ 14.65 ps		
	_	ed authority, or eln, and that sa		• •		·		_	he above repo December	ort and that he h	as knowledge of, 20 _11	
							_	• –	nal	Cell	YW	
		Witness (ii	any)				7			Company	RECEIVE	
_		For Comm	ission					-	Che	cked by	APR 2 4 2	

exempt status under Rule K.A.R. 82-3-304 on behalf of and that the foregoing pressure information and state correct to the best of my knowledge and belief based u of equipment installation and/or upon type of completion	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.
I hereby request a one-year exemption from open	flow testing for the
gas well on the grounds that said well:	
is on vacuum at the present time; K is not capable of producing at a da	ion into an oil reservoir undergoing ER CC approval Docket No illy rate in excess of 250 mcf/D any and all supporting documents deemed by Commission
Signature:	Assistant Production Foreman

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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KCC WICHITA

W2602

Zweygardt 44-10

St. Francis

St. Francis

None

Total

September-11

FloBoss

	Casing			HRS	Water	REMARKS
DATE	PSI	STATIC M	ICF	SPM CYCLIDOW	N BBLS	(Maximum length 110 characters)
9/1/2011	86	99	22			
9/2/2011	85	98	22	•		
9/3/2011	85	98	22			
9/4/2011	85	98	22			
9/5/2011	85	98	22			
9/6/2011	85	98	22			
9/7/2011	86	99	22	•		
9/8/2011	86	99	22			
9/9/2011	86	99	22	}		
9/10/2011	85	99	22			
9/11/2011	86	99	22			
9/12/2011	86	99	22	•		
9/13/2011	86	99	22	•		
9/14/2011	85	98	22	·		
9/15/2011	85	98	22			
9/16/2011	86	99	22			
9/17/2011	87	100	22			
9/18/2011	88	101	22			
9/19/2011	88	101	22			
9/20/2011	88	101	22			
9/21/2011	88	101	22	,		
9/22/2011	88	101	22			
9/23/2011	88	101	22			
9/24/2011	88	101	23			
9/25/2011	88	101	22			
9/26/2011	88	101	22			
9/27/2011	88	101	22	;		
9/28/2011	162	175	0) 2	24	si for state test
9/29/2011	114	127	31			
9/30/2011	91	104	25			
10/1/2011						

0

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KCC WICHITA

W2602

Zweygardt 44-10

St. Francis

St. Francis

None

Total

October-11

FloBoss

	Casing				HRS	Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	CYCLEDOWN	BBLS	(Maximum length 110 characters)
10/1/2011	89	102	23				
10/2/2011	89	102	23				
10/3/2011	88	101	23				
10/4/2011	88	101	23				
10/5/2011	87	100	23				
10/6/2011	87	100	23				
10/7/2011	88	101	21				
10/8/2011	87	100	22				
10/9/2011	87	100	21				
10/10/2011	88	101	21				
10/11/2011	89	102	21				
10/12/2011	87	100	21				
10/13/2011	87	100	21				
10/14/2011	87	100	21				
10/15/2011	87	100	21				
10/16/2011	87	100	21				
10/17/2011	88	101	21				
10/18/2011	92	105	21				
10/19/2011	89	102	21				
10/20/2011	89	102	21				
10/21/2011	88	101	21				
10/22/2011	88	101	21				
10/23/2011	88	101	21				
10/24/2011	89	102	21				
10/25/2011	88	101	21				
10/26/2011	88	101	21				
10/27/2011	89	102	21				
10/28/2011	81	94	21				
10/29/2011	81	94	21				
10/30/2011	81	94	21				
10/31/2011	80	93	21				

0

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KCC WICHITA

W2602

Zweygardt 44-10

St. Francis

St. Francis

None

November-11

FloBoss

	Casing				HRS	Water	REMARKS
DATE	PSI	STATIC			CYCLE DOWN	BBLS	(Maximum length 110 characters
11/1/2011	81						•
11/2/2011	80		21				
11/3/2011	83	96	21				
11/4/2011	80	93	21				
11/5/2011	80	93	21				
11/6/2011	80	93	21				
11/7/2011	91	104	21				
11/8/2011	80	93	21				
11/9/2011	80	93	21				
11/10/2011	82	95	21				
11/11/2011	80	93	21				
11/12/2011	80		21				
11/13/2011	80		21				
11/14/2011	80	93	21				
11/15/2011	79	92	21				
11/16/2011	81	94	21				
11/17/2011	81	94	21				
11/18/2011	80	93	21				
11/19/2011	84	97	21				
11/20/2011	84	97	21				
11/21/2011	92	105	21				
11/22/2011	86	99	21				
11/23/2011	80	93	21				
11/24/2011	79	92	21				
11/25/2011	78	81	21				
11/26/2011	78	91	21				
11/27/2011	80	93	20)			
11/28/2011	79	92	20	1			
11/29/2011	77	90	21				
11/30/2011	78	91	21				
12/1/2011	0	0	0	1			

0

Total 628