KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

_ :	t: en Flow liverabil		ØSI	7 0	Test Da	te:	ctions on Re	everse Side	AP	l No. 15			
Company	/	***************************************			8/8/200	08	Lease		15-	-181-20400-0		Well Numb	er
Rosewo	od Res	ou		ion	Section		G. Ihrig		BNG /E	:/\^/\	31-20	Acres Attri	ibuted
County Location Sherman NWNE			20				, ,			80	- Dated		
Field Goodian	ıd			411071 - 9 1000 11 11 11 11 11 11	Reservo Niobra			Gas Gathering C Branch System				**************************************	41.00 10.00
3/19/200)			Plug Ba 1178'	ck Total Dep	oth		Packer	Set at			
Casing S 2 7/8"			Weigh 6.5#		2.441	Diameter	Set at 1179'		Perforations 984'		то 1008'		·
Tubing Si	ize		Weigh	nt	Internal	Diameter	Set	at	Perfo	orations	То	_	
Type Con Single (Type Flu	uid Productio	on		Pump U Flowir	nit or Traveling	Plunger? Yes	/No	
•	•	(Anr	nulus / Tubin	g)	%	Carbon Diox	ride		% Nitro	gen		avity - G _g	
Annulus Vertical D						Pres	ssure Taps				.6 (Meter F	Run) (Prov	er) Size
1008'						Flar					2"		
Pressure	Buildup	: :	Shut in _8-8	· · · · · · · · · · · · · · · · · · ·	20 08 at 8	3:00	(AM) (PM)	Taken_8-	.9	20	08 at 9:18	(AN	1) (PM)
Well on L	ine:		Started 8-9		20 <u>08</u> at <u>9</u>	9:18		Taken_8-		20	08 at 10:00		1)PM)
						OBSERVI	ED SURFAC	E DATA			Duration of Shut-	in	Hours
Static / Orifice		Pressure Differentia in Inches H ₂ 0	1emperatur	Temperature Temperature		(P _w) or (P ₁) or (P _c)		Tubing ead Pressure or (P _t) or (P _c)	Duration (Hours)	Liquid Pi (Barr			
Shut-In			psig (FIII)	mones H ₂ C	<u></u>		psig 25	39.4	psig	psia			
Flow							17	31.4			24	0	
						FLOW ST	REAM ATTE	RIBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Fa	avity ctor =	Flowing Temperature Factor F _{ft}	nperature Fa		Metered Flov R (Mcfd)	W GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m
										14			
					(OPEN FI	-OW) (DELIV	/ERABILITY) CALCUL	ATIONS		(P _a):	2 = 0.207	
(P _c) ² =		. :	(P _w) ² =		P _d =	=	% (P _c - 14.4) +	14.4 =	:	(P _d):	? = 	
(P _c) ² - (F		(P	(P _w) ² - (P _w) ²	Choose formula 1 or $1. P_c^2 - P_a^2$ $2. P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1, or 2, and divide		Slo As	essure Curve pe = "n" - or ssigned fard Slope	l n x	LOG	Antilog	Open Deliver Equals R (Mc	ability x Antilog
					-								,
Open Flor	w			Mcfd @ 1	4.65 psia		Deliveral	oility			Mcfd @ 14.65 psi	<u> </u> a	*
The i	undersig	nec	d authority, o	n behalf of th	e Company,	states that I	he is duly a	uthorized to			ort and that he ha	s knowled	ge of
the facts s	tated th	erei	n, and that s	aid report is tr	ue and corre	ct. Executed	d this the 1	8	day of	lovember	12/	, 29 , IB	
	•		Witness (if any)		KANSASCO	PECEIV Davonation	COCIMISS	ION	For C	Company	y -	<u> </u>
			For Comm	nission]/	M 292	 2039		Che	cked by	•••	

CONSERVATION DIVISION WICHITA, KS

exempt status under Rule and that the foregoing p correct to the best of my of equipment installation	alty of perjury under the laws of the state of Kansas that I am authorized to request e K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. ressure information and statements contained on this application form are true and knowledge and belief based upon available production summaries and lease records and/or upon type of completion or upon use being made of the gas well herein named. The year exemption from open flow testing for the G. Ihrig 31-20
gas well on the grounds	
is cycle is a second is a second is on the second is not a second is not a second is second in the second is not a second in the second is second in the se	palbed methane producer led on plunger lift due to water purce of natural gas for injection into an oil reservoir undergoing ER vacuum at the present time; KCC approval Docket No capable of producing at a daily rate in excess of 250 mcf/D oply to the best of my ability any and all supporting documents deemed by Commission roborate this claim for exemption from testing.
Date: _11/18/08	
	Signature:

Instructions:

ã,

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 (ANSAS COLUMNIA)

JAN 29 2009



W2056 G. Ihrig 31-20 North Goodland Goodland None August-08

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
8/1/2008	15	28	14	2	
8/2/2008	15	28	14	0	
8/3/2008	15	28	14	0	
8/4/2008	15	28	14	0	
8/5/2008	15	28	14	0	
8/6/2008	15	28	14	0	
8/7/2008	23	36	5	5.5	
8/8/2008	25	38	0	5	
8/9/2008	25	38	0	24	
8/10/2008	25	38	0	0	
8/11/2008	18	31	13	0	
8/12/2008	20	33	13	0	
8/13/2008	18	31	14	0	
8/14/2008	18	31	13	0	
8/15/2008	18	31	14	0	
8/16/2008	18	31	14	0	
8/17/2008	18	31	13	0	
8/18/2008	19	32	9	0	
8/19/2008	19	32	9	0	
8/20/2008	19	32	9	0	
8/21/2008	18	31	13	7	
8/22/2008	18	31	13	0	
8/23/2008	18	31	14	0	
8/24/2008	18	31	14	0	
8/25/2008	18	31	14	0	
8/26/2008	18	31	14	0	
8/27/2008	18	31	14	0	
8/28/2008	18	31	14	0	
8/29/2008	18	31	14	0	
8/30/2008	18	31	14	0	
8/31/2008	. 18	31	14	0	

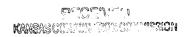
Total 362



W2056 G. Ihrig 31-20 North Goodland Goodland None September-08

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
9/1/2008	17	30	14	0	
9/2/2008	17	30	14	0	
9/3/2008	17	30	14	0	
9/4/2008	20	33	8	0	
9/5/2008	20	33	8	0	
9/6/2008	17	30	14	0	
9/7/2008	17	30	14	0	
9/8/2008	17	30	14	0	
9/9/2008	17	30	14	0	
9/10/2008	17	30	14	8	
9/11/2008	18	31	8	0	
9/12/2008	17	30	14	0	
9/13/2008	17	30	14	0	
9/14/2008	17	30	14	0	
9/15/2008	17	30	14	0	
9/16/2008	17	30	14	0	
9/17/2008	17	30	14	0	
9/18/2008	17	30	14	0	
9/19/2008	17	30	14	0	
9/20/2008	17	30	14	0	
9/21/2008	17	30	14	0	
9/22/2008	17	30	14	0	
9/23/2008	17	30	14	0	
9/24/2008	17	30	14	0	
9/25/2008	17	30	14	0	
9/26/2008	17	30	14	0	
9/27/2008	17	30	14	0	
9/28/2008	17	30	14	0	
9/29/2008	17	30	14	0	
9/30/2008	17	30	14	0	
10/1/2008				0	

Total 402



W2056 G. Ihrig 31-20 North Goodland Goodland None October-08

	Casing			F	łRS	REMARKS
DATE	PSI	STATIC	MCF	I	OOWN	(Maximum length 110 characters)
10/1/2008	1	7 30)	14	0	
10/2/2008	1	7 30)	14	0	
10/3/2008	1	7 30)	14	0	
10/4/2008	1	7 30)	14	0	
10/5/2008	20	33	•	4	16	
10/6/2008	1	7 30)	10	5	
10/7/2008	1'	7 30)	14	0	
10/8/2008	1′	7 30)	13	0	
10/9/2008	13	3 31		13	0	
10/10/2008	1′	7 30)	13	0	
10/11/2008	1'	7 30)	13	0	
10/12/2008	1′	7 30)	13	0	
10/13/2008	1	7 30)	13	9.5	
10/14/2008	1'	7 30)	14	3	
10/15/2008	1	7 30)	14	0	
10/16/2008	1	7 30)	14	0	
10/17/2008	1'	7 30)	14	0	
10/18/2008	1	7 30)	14	0	
10/19/2008	1	7 30)	14	0	
10/20/2008	1	7 30)	14	0	
10/21/2008	1	7 30)	14	0	
10/22/2008	1	7 30)	14	0	
10/23/2008	1	7 30)	14	0	
10/24/2008	1	7 30)	14	0	
10/25/2008	1	7 30)	14	0	
10/26/2008	1′	7 30)	14	0	
10/27/2008	1	7 30) ;	14	0	
10/28/2008	1	7 30	;	14	0	
10/29/2008	1	7 30)	14	0	
10/30/2008	1	7 30)	14	0	
10/31/2008	1′	7 30)	14	0	

Total 414

