KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test	t:				(See instruc	tions on He	verse Siae	;)					
∐ Op	en Flov	V			Test Date	?!			APL	No. 15				
De	liverabi	lty			12/22/1					69-20286	-0000			
Company Sandride		1&1	Prod LLC				Lease Hornbal	кег		_	1-31	Well N	lumber	
		Locatio 660 FNL	n . & 660 FEL	Section 31		TWP 27S			RNG (E/W) 30W		Acres Attributed			
Field Hugoton Gas Area			Reservoir Chase	•		Gas Gathering Conne OneOK			ection	_	FEB 0			
Completion Date 01/07/2006			Plug Bac 2736	k Total Dep	th	Packer S		et at			\$ 10 J			
Casing Size			Weight 10.5#		Internal Diameter 3.927		Set at 2736		Perforations 2692-2698		то 2715	то 2715-2723		
Tubing Size 2.375			Weight 4.73		Internal Diameter		Set at 2639		Perforations Open End		То			
Type Completion (E Single (Gas)						d Productio				ump Unit or Traveling Plunger		s / No		
Producing Thru (Annu			ulus / Tubing))	% C	arbon Dioxi	ide			gen G		as Gravity - G _g		
Tubing Vertical D	enth/H					Pros	sure Taps				(Moto	Run\ (Prover) Síze	
vertical L	epunti i,					ries	sule laps				(INCIC:	i many (i	10061) 3126	
Pressure	Buildup	: 8	Shut in12/2	12	0_15_at_1	1AM	(AM) (PM)	Taken_12	2/22	20	15 at 11AM	1	(AM) (PM)	
Well on L	ine:	5	Started	2	0 at		(AM) (PM)	Taken		20	at		. (AM) (PM)	
					_	OBSERVE	D SURFACE	E DATA			Duration of Shu	_{tt-in} _24	Hours	
Static / Dynamic Property	Orific Size (inche	.	Gircle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H _o 0	Flowing Temperature t	Well Head Temperature t	(P _w) or (P	Pressure	Wellhea (P _w) or	ubing d Pressure (P ₁) or (P _c)	Duration (Hours)	Liq	uid Produced (Barrels)	
Shut-In			paig (r iii)	Illiches 11 ₂ 0	<u> </u>		240	psla	psig 110	psia	24		_	
Flow														
	T-					FLOW STR	REAM ATTR	IBUTES						
Plate Coefficcient (F _b) (F _p) Mcfd			Circle one: Meter or ver Pressure psia	Press Extension P _m x h	Grav Fac F,	tor	Flowing Temperature Factor F _{tt}		iation etor pv	Metered Flov R (Mcfd)	y GOI (Cubic I Barre	=eet/	Flowing Fluid Gravity G _m	
					40000					<u> </u>		· <u>-</u> -		
(P _c) ² =		<u>:</u>	(P _w) ² =_	· :	OPEN FL		'ERABILITY % (F		14.4 =	:		a) ² = 0. d) ² =	207	
(P _e) ² - (I or (P _e) ² - (I	P _a) ²	(P,	,)²- (P _w)²	thoose formula 1 or 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ Wided by: $P_c^2 - P_s^2$	LOG of formula 1. or 2. and divide	P.2-P.2	Backpre Slop As:	ssure Curve be = "n" or signed ard Slope		og	Antilog	Di	Open Flow eliverability als R x Antilog (Mcfd)	
	-			<u> </u>			<u> </u>		_					
Open Flat		•		Mored @ 44	SE pols	_	Dollars	ilita			Mofd @ 14 65 -	ncia .		
Open Flo				Mcfd @ 14.	•		Deliverab				Mcfd @ 14.65 p			
			-	behalf of the	- •		•		o make the	=	ort and that he	nas kno	wledge of , 20 <u>16</u> .	
			Witness (if	any)			-	[]/	1	For	Company			
			For Commis	ssion			-			Che	cked by			

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator Sandridge Expl & Prod LLC
and the correct of equi	at the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records pment installation and/or upon type of completion or upon use being made of the gas well herein named.
	ereby request a one-year exemption from open flow testing for the Hornbaker 1-31 ell on the grounds that said well:
	(Check one)
	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
	orther agree to supply to the best of my ability any and all supporting documents deemed by Commissi or necessary to corroborate this claim for exemption from testing.
Date: _2	2/1/16
	Signature: Title: Production Engineer

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.