Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:				(See Instru	ictie	ons on Rev	rerse Side	9)						
√ Op	en Flo	W			Test Date	.•				Λ	⊃l No.	15				
De	liverab	ilty			9/14/201	· -						-22928 -	-00	00		
Company Chesape		Oper	ating, L.L.C			_		Lease Gundelf	inger					1-14	Well No	ımber
County Barber			Location 1165 FNI	on . & 1740 FWL	Section 14	<u> </u>		TWP 35S		RNG (-				Acres .	Attributed
Field SOUTH	AETN	JA			Reservoir MISSIS			-		Gas Ga ATLA		ng Conne	ection			
Completic 1/17/200		ie			Plug Bac 5160	k Total De	pth	1		Packer NON!		at				
Casing Si	ize		Weigh	t .	Internal E 4.000	Diameter		Set a		Peri 50	foration	ons		то 5106		
Tubing Si	ize		Weigh	l .	Internal Diameter 1.995			Set a	Per	foration	ons		То			
Type Con Single (n (D				d Producti	ion			Pump l			Plung	ger? Yes	/ No	
Producing	g Thru	(Anı	nulus / Tubing)		arbon Dio	xid	le	_	% Nitro		<u></u>		Gas G .684	ravity -	G ₉
Annulus Vertical D 55060		H)				Pre Fla:		ure Taps				=				rover) Size
Pressure	Buildu	ıp:	9/1:	3 2	0_15_at_8		_		Taken 9	/14		20	15	at 8:00		(AM) (PM)
Well on L	.ine:		Started	20								20		at		(AM) (PM)
-						OBSERV	/EI	SURFACI	E DAȚA				Durat	tion of Shut	-in_24	Hours
Static / Dynamic Property	Orif Siz (Inch	ze	Prover Pressure In		Flowing Well Heat Temperature t		Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)			Liquid Produced (Barrels)		
Shut-In			psig (Fili)	inches H ₂ 0			-	psig 100	psia 114.4	395		409.4	24			
Flow					-	<u>.</u>						-		-	•	
			_			FLOW ST	ſRI	EAM ATTR	IBUTES							
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Extension Fact		′ I To		Fa	eviation Factor F _{pv}		Metered Flow R (Mcfd)		GOR (Cubic Feet Barrel)		Flowing Fluid Gravity G _m
_					(OPEN FL	OW) (DEL	IVE	ERABILITY) CALCUI	LATIONS	 S			(D)2 O	207
(P _c) ² =		<u>_:</u>		<u> </u>	` P _d =		_%		P _c - 14.4) -			:			$)^2 = 0.5$ $)^2 = $	
(P _c) ² - (1	P _a)²	(1	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: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²		Slop As	ssure Curv pe = "n" - or signed ard Slope	١,,	x LOG			Antilog	De	pen Flow Ilverability s R x Antilog (Mcfd)
		_		· · ·					•				-			
0				M-44 @ 44	05!-			Deliverab	.:!!:			_	Mofel	@ 14.65 ps		
Open Flo		elana	d authority o	Mcfd @ 14.		states that	h		<u> </u>	to make	the a	ahove repr		-		wledge of
		_	•	aid report is true	• •							•				20 <u>15</u> .
							R	Received PORATION CO								
-	_		Witness (f any)		DE	ΞC	0 2 20	15			For	Compan	у		
	-		ForComn	nission		CONS	- ER	VATION DIVIS CHITA, KS				Che	cked by			

I declar	્રાં દેવના e under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	us under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C.
	foregoing pressure information and statements contained on this application form are true and
correct to th	e best of my knowledge and belief based upon available production summaries and lease records
	nt installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby	request a one-year exemption from open flow testing for the Gundelfinger 1-14
gas well 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
1 furth o	sarras to supply to the heat of my shility any and all supporting decuments deemed by Commission
ı iui tilei	agree to supply to the best of my ability any and all supporting documents deemed by Commission
	seeany to corroborate this claim for exemption from testing
	essary to corroborate this claim for exemption from testing.
staff as nec	
	2015

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.