دختن

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					((See Instru	ctions on Re	everse Side	9)				
✓ Op	en Flo	W				Test Date	. .			A DI	No 15			
☐ De	liverat	ilty				7/7/201				15-	No. 15 007-1 6769 <i>i</i>	19.023-0	000	
Company		Ореі	rating, L.L.	С.	-			Lease Birdie	Clark			1-7		Number
County Barber	_		Loca C N2 I			Section 7		TWP 34S		RNG (E/ 13W	W)			Attributed
Field Aetna				•		Reservoi Mississ					hering Conn Energy Ser	ection vices	K	CC WICH
Completion Date 4/1/64				Plug Bac 4896	k Total Dej	pth		Packer S None	Set at		JU	V 05 200		
Casing S 5.5	ize		Weig 14	ht		Internal D 5.012	Diameter	Set 492		Perfo 484	rations 8	To 486	6 RE	CEIVED
Tubing Si 2.375	ize		Weig 4.7	ht		Internal I 1.995	Diameter	Set 483		Perfo	rations	То		¢0
Type Con Single (ก (Di	escribe)	-		Type Flui None	d Production	on		Pump Ur Pump,	nit or Traveling Unit	-	es / No	
Producing		(Ani	nulus / Tubir	ıg)		% C	Carbon Diox	kide		% Nitrog	en	Gas	Gravity	- G _g
Vertical D 4857	epth()	1)					Pre.	ssure Taps				(Met	er Run)	(Prover) Size
Pressure	Buildu	p :	Shut in	3_	2	0 14 at 8	:00	(AM) (PM)	Taken 7/	7	20	14 at 8:00		_ (AM) (PM)
Well on L	ine:		Started	_	2	0 at		_ (AM) (PM)	Taken		20	at		_ (AM) (PM)
							OBSERV	ED SURFAC	E DATA			Duration of Sh	ut-in _2	4Hours
Static / Dynamic Property	Orifi Siz (inch	ə	Clicle one: Meter Prover Press psig (Pm)	- 1	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	e Wellhead	sing I Pressure P _c) or (P _c)	Wellhe (P _w) or	ubing ad Pressure (P ₁) or (P ₀)	Duration (Hours)		guid Produced (Barrels)
Shut-In								90	104.4	pslg 30	95la 44.4	24	1	-
Flow														
	_						FLOW ST	REAM ATTE	RIBUTES					
Plate Coeffieci (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or ver Pressure psia		Press Extension ✓ P _m xh	Grav Fact F _e	tor	Flowing Temperature Factor F _{II}	Fa	iation ctor	Metered Flow R (Mcfd)	r GO (Cubic Barr	Feet/	Flowing Fluid Gravity G _m
_						<u> </u>								
(P _c) ² =			(P _w)² =	_		•		/ERABILITY % (I	/) CALCUL P _e - 14.4) +				$(a_{g})^{2} = 0$ $(a_{g})^{2} = 0$.207
(P _e) ² - (F)²	_ · (P	(Choo 1	se formula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ ad by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Backpre Slo	essure Curve upe = "n" - or ssigned tard Slope	n x I		Antilog	D	Open Flow eliverability als R x Antilog (Mcfd)
	\dashv							 					+-	
Open Flow Mcfd @ 14.65 psia						Deliverability Mcfd @ 14.6					osia			
			I authority, o									rt and that he		wledge of , 20 <u>15</u> .
			Wilness (it eny)							For C	ompany		
			For Comm	nlsslor	1			-			Chec	ked by		

exempt status und and that the foreg	er penalty of perjury under the laws of the state of Kansas that I am authori fer Rule K.A.R. 82-3-304 on behalf of the operator <u>Chesapeake Operating, L.I</u> going pressure information and statements contained on this application for the of my knowledge and belief based upon available production summaries and	L.C. m are true and
I hereby reque	allation and/or upon type of completion or upon use being made of the gas well est a one-year exemption from open flow testing for the Birdie Clark 1-7 ounds that said well:	herein named.
_	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 to supply to the best of my ability any and all supporting documents deeme	KCC WICH! JUN 0:5 2015 RECEIVED
Date: <u>5/8/2015</u>		
	Signature: Latu Wunt Title: Katie Wright, Regulatory Analyst	

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.