KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	tions on Rev	erse Side)				
Open Flow			Test Date:				ΔΡΙ	No. 15					
√ De	eliverab	ilty			7/31/15	··				007-20138-0	00-01		
Company		PER	RATING CO		Lease SNYDER-BROO			KS		1	Well Number 1		
County BARBEI	R		Location NE SW	Section 14		TWP 35S			W)	Acres Attributed			
Field AETNA					Reservoir MISSISSIPPIAN			Gas Gathering ATLAS		-	ection		
Completion Dat 10/26/10		Э			Plug Back Total Depti 5394		th	Packer S NONE		Set at			
Casing Size 4.500			Weight 10.50		Internal Diameter 4.052		Set at 5474		Perforations 4857		то 4928		
Tubing Size 2,375			Weight 4.70		Internal I 1.995	Diameter	Set at 5022		Perforations OPEN		То		
Type Completion SINGLE		n (D	escribe)		Type Fluid Production OIL, WATER		Pump Ur PUMP		nit or Traveling 'ING	Plunger? Yes	/ No		
Producing	-	(Anı	nulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gra	wity - G _g	
Vertical E	Depth(H	I)				Pres	sure Taps				(Meter F	lun) (Prover) Size	
Pressure	Buildu	p;	7/30 Shut in)/15 2	0 at		(AM) (PM)	Taken 7/3	31/15	20	at	(AM) (PM)	
Well on L	.ine:				0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-i	n Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu.		Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	.375	<u> </u>	psig (Pm)	Inches H ₂ 0			psig 140	psia	psig 150	psia	24		
Flow													
	 1			•	1	FLOW STR	EAM ATTRI	BUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Fac F _s	tor 1	Flowing Temperature Factor F _{ft}		ation ctor :	Metered Flov R (Mcfd)	w GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m	
			-										
					(OPEN FL	OW) (DEL:IV	ERABILITY)	CALCUL	ATIONS		(P _a) ²	= 0.207	
(P _c) ² =		_:		:	P _d =		% (P	_c - 14.4) +	14.4 =	;	(P _d) ²	=	
(P _c) ² - (l or (P _c) ² - (l		(F	P _c) ² - (P _w) ²	Chaose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ fivided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slop Ass	ssure Curve le = "n" or ligned ard Slope	l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				` `									
Open Flo	W			Mcfd @ 14.	65 psia		Deliverabi	ility			Mcfd @ 14.65 psi	1	
		-		behalf of the			-				ort and that he has	s knowledge of, 20 <u>15</u> .	
				,			ived				?		
			Witness (if	any)	KANS			BK BES A	<u> w</u>	For	Company		
			For Commi	ssion		-0CT- 1	6 2015 -			Chec	cked by		

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO, LLC
and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment 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 SNYDER-BROOKS 1 gas well on the grounds that said well:
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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing. Date: 10/2/15
Signature: While Stallager Title: FIELD MGR.

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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