KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				6	See Instruct	ions on Rev	erse Side)					
Op	en Flo	w			T 0				• • • •	N. 45				
Del	liverab	ilty			Test Date 09/27/13					No. 15 007-23192-0	1000			
Company		PER	ATING COM	PANY, LLC			Lease BOWER			70. 20102 0		Well Nu	mber	
County BARBER	₹		Location	n	Section 26		TWP 33S		RNG (E/	W)		Acres A	attributed	
Field ROUND	UP S	DUT	······································		Reservoir MISSIS:	SIPPIAN			Gas Gati APC	nering Conne	ection			
Completic	on Dat	0			Plug Back 4897	k Total Dept	h	Paci NO		et at				
Casing Si 4.500	ize		Weight 10.500		Internal Diamete 4.052		er Set at 4898		Perforations 4530		To 4616	то 4616		
Tubing Size 2.375			Weight		Internal Dia 1.995		iameter Set at 4654		Perforations Open		То			
Type Con		n (De			Type Fluid	d Production			<u>'</u>	it or Traveling	Plunger? Yes	/ No		
		(Anr	nulus / Tubing)			arbon Dioxi	de		% Nitrog		Gas Gr	avity - G	<u></u>	
ANNUL														
Vertical D 4573	eptn(F	1)				FLAN	sure Taps NGE				(Meter I	Run) (Pi	rover) Size	
Pressure	Buildu	p:	Shut in	7/13 2	0 at			Taken_09	/28/13	20	at	(AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in	Hours	
Static / Dynamic Property	Orlfi Siz (inch	9	Circle one: Meter Prover Pressure	I	Flowing Temperature	Well Head Temperature t	Casin Wellhead F (P _w) or (P _t	ressure	Wellhe	ubing ad Pressure (P _t) or (P _c)	Duration (Hours)		d Produced Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0	,	-	psig 200	psia	psig 130	psia	24			
Flow														
				1		FLOW STR	EAM ATTRI	BUTES	I			1		
Plate Coeffied (F _b) (F Mcfd	lent p)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m xh	Grav Fact F _s	tor	Flowing Femperature Factor F _{ft}	Fa	iation ctor : pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
					(2224							··-·		
(P _c) ² =		_:	(P _w) ² =_	:	(OPEN FLO		ERABILITY) (P,	- 14.4) +		;	(P _a) (P _d)	² = 0.2 ² =	07	
$(P_c)^2 - (P_g)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² -P _a ² LOG of formula 2. P _c ² -P _d ² Lor 2. and divide by: P _c ² -P _a ² by:		Slope o P2_P2 Assig		sure Curve e = "n" origned rd Slope	nxi	.og []	Antilog	Deli Equals	en Flow iverability R x Antilog (Mcfd)	
Open Flor	w			Mcfd @ 14.	65 psia		Deliverabi	lity		· ·	Mcfd @ 14.65 psi	ia		
		•					-			-	rt and that he ha		•	
the facts s	tated t	herei	n, and that sai	d report is true						ECEMBER	\mathcal{O}	, :	20 13 .	
			Witness (if	eny)		C W!C		W	n R	Nalla For C	company			
			For Commis	sion	D	EC 31	2013 _		-	Chec	ked by			

exemp and that correct	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC 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 ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l he	eby request a one-year exemption from open flow testing for the BOWER 2
	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 ther agree to supply to the best of my ability any and all supporting documents deemed by Commiss necessary to corroborate this claim for exemption from testing.
Date: _	2/17/13
	Signature: Wm R Hallanga

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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