KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:						(See Insti	ruct	ions on Re	verse Si	de))					
Open Flow				Tod	t Date						ADI I	do 15						
✓ Deliverabilty			Test Date: 10/1/15					API No. 15 15-007-22799-00-00										
Company		PER	RATING CO	MPAI	NY, LLC					Lease POWEL	.L					۸ A-2	Vell N	umber
County Location BARBER SE SE NW					Section 2				TWP 34S			RNG (E/W) 11W			A	Acres	Attributed	
Field ROUND	UP S	TUC	·н				servoii SSIS	r SIPPI					Gas Gath	ering Cor	nec	otion		
Completic 3/31/04	on Dat	ө					g Bac 59	k Total D	ept	h			Packer Se NONE	et at				
Casing Size W 4.500 10						Internal Diameter 4.052			Set at 4759			Perfora		то 4601				
•			Weigi 4.70	•			Internal Diameter			Set at 4637			Perfora OPE		То			
Type Completion (Describe) SINGLE				Type Fluid Production WATER / OIL					Pump Unit PUMPI				Traveling Plunger? Yes / No					
Producing	g Thru	(Anı	nulus / Tubin	g)	· · · · ·		% C	arbon Di	oxi	ie et			% Nitroge	n		Gas Gra	vity -	G,
ANNUL																		
Vertical D 4591	epth(F	l) 						Pi	ress	sure Taps						(Meter F	Run) (F	Prover) Size
Pressure	Buildu	p:	Shut in 9/3	0/15	2	0	at			(AM) (PM)	Taken_	10.	/1/15	2	!O _	at		(AM) (PM)
Well on L	ine:		Started		2	0	at		_	(AM) (PM)	Taken_			2	20 _	at	-	(AM) (PM)
								OBSER	٧E	D SURFAC	E DATA		<u> </u>			Duration of Shut-i	<u>n</u>	Hours
Static / Orifice Dynamic Size Property (inches)		е	Circle one: Meter Prover Pressure		Pressure Differential In		Flowing Well Hear emperature Temperatu						Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inc	ches H ₂ 0		•			psig	psia	7	.psig 120	psia	7	0.4		
	.500									220		\dashv	120	 	+	24 		
Flow				ļ				FLOW S	TR	EAM ATTR	IBUTES			<u> </u>				
Plate			Circle one:		Press		Grav	/ity		Flowing		avia	ation	Metered F	lavu	GOR		Flowing
Coeffiecient (F _b) (F _p)		Meter or Prover Pressure		Extension		Fact		or 1		emperature Factor		Factor		R		(Cubic Fee	υt	Fluid Gravity
Mcfd			psia		√ P _m xh		F _o			F _{ft}		F,	pv (Mc		cia) B		arrel) G _m	
					•					-								
	•			•		(OPI	N FL	OW) (DEI	LIV	ERABILITY) CALCI	JLA	ATIONS			(D.)2	= 0.5	207
(P _c) ² =		_:	(P _w) ² =	·	:	•	P _d =		%	6 (F	· · - 14.4)	+ '	14.4 =	:		(P _d) ²		
		,,-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		formula 1 or 2.			Γ -	1		ssure Cut	ve					С	pen Flow
(b°) _s - (l		(1)2-(P _w)2		P ₀ 2 - P ₂ 2	to	QG of ormula . or 2.				oe = "ก" - or		n x L	og		Antilog	De	liverability
(P _c) ² - (F	₽₀)²		ľ		P _e 2 - P _e 2 ₁₉₇ P _e 2 - P _e 3	an	d divide by:	P _c ² -P _w ²	:		signed ard Slope	ŀ		LJ		-	Equal	s R x Antilog (Mcfd)
					· C W	+			•						+			
					· <u>-</u>	+				-		_		_	\dagger			
Open Flor	w		1	М	ofd @ 14.	65 psi	a			Deliverat	ility				М	lcfd @ 14.65 psia	a	
The u	unders	gned	d authority, c	n beha	alf of the	Comr	any, s	states tha	ıt h	is duly at	ıthorized	l to	make the	above re	port	and that he has	s knov	vledge of
the facts s	tated ti	nerei	n, and that s	aid rep	ort is true	and	correc	t. Execut	ted	this the 9		d	lay of O	TOBER				20 15 .
		.	, ,	μ				Rece	eiv	ed		1		M	1			,
			Witness	if any)		!	KANSAS	CORPORA	OITA	N COMMISSIO	N. A.A.	22,		Kles	or Cor	mpany		
			_					OCT_1	-6	2015	-							
			For Com:	nission				•	-					CI	hecke	ed by		

CONSERVATION DIVISION WICHITA, KS

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO, LLC going pressure information and statements contained on this application form are true and to f my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the POWELL A-2 ounds 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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: _10/9/15	
	Signature: Won Pokulang C. 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.