KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test					(See Instru	uctions on R	everse Side	9)		- -			
Open Flow Deliverabilty					Test Date 8/7/14	ə:		API No. 15 15-007-22576-00-01						
Company							Lease		10-	001-22370-0	··· ·	Well Nu	ımber	
WOOLSEY OPERATING COMPANY, LLC County Location				Section			SPRIGGS TWP R		W)	D-2	Acres /	Attributed		
BARBER	₹		SW NV	33			33S							
Field AETNA				Reservoir SNYDERVILLE			APC		hering Conn	ection				
Completic 1/7/99	n Date	9		Plug Back Total Depth 4390		epth	Packi NOI		Set at					
Casing Si 4.500	ze		Weigh 10.50	Internal I 4.052	Internal Diameter 4.052		Set at 4554		rations 8	To 3948				
Tubing Si 2.375	ze		Weigh	Internal Diameter 1.995			Set at 4156		rations =N	То		44		
Type Com		ı (De		Type Fluid Prod WATER			ion Pu		Pump U	OPEN ump Unit or Traveling Plunger? Yes PUMPING		/ No		
Producing Thru (Annulus / Tubing)					Carbon Dic	oxide			Gas Gravity - G					
ANNUL Vertical D		n .				Dr.	essure Taps				(Mater	Bun\ /P	rover) Size	
3943	epiii(n	''				FII	essure raps				(Weier	nuii) (F	10001) 3120	
Pressure	Buildup	p: {	Shut in 8/6	/14 2	0 at		(AM) (PM) Taken_8/	/7/14	20	at		(AM) (PM)	
Well on Li	ine:	:	Started	2	0 at		(AM) (PM) Taken		20	at	((AM) (PM)	
			_			OBSER	VED SURFA	CE DATA			Duration of Shut	t-in	Hours	
Static / Dynamic	mic Size		Circle one: Meter Prover Pressi	Pressure Differential ure in	Flowing Temperature	1 '	d Wellhea	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing ad Pressure r (P,) or (P _a)	Duration (Hours)	1 1	Liquid Produced (Barrels)	
Property	(inche	hes) psig (Pm)			t	t	psig	psia	psig	psia			,	
Shut-In							33		37		24	+-		
Flow						EI ON 6.	TREAM ATT	DIDUTES						
Plate			Circle one:	Press	Gran		Flowing			Metered Flor	600		Flowing	
Coeffiecient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Extension	Grav Fac	tor	Temperature Factor	F	viation actor	R	(Cubic F	eet/	Fluid Gravity	
				✓ P _m xh	F	9	F _n		F _{pv}	(Mcfd)	Barrel	, 	G _m	
					(2	<u> </u>								
(P _c)² =		_:	(P _w)² ≃	· :	OPEN FL		.IVERABILIT %	(P _c - 14.4) +		:	_	$(x)^2 = 0.2$ $(x)^2 =$	207	
/P \2- /P \2				Choose formula 1 or 2			Backpa	Backpressure Curve Slope = "n"		 _			Open Flow	
or (F ₀) = (F _a)		(-,) - (-,,)		2. P _c ² -P _d ²	2. P ² -P ² 1. or 2.				- пх	LOG	Antilog	1	Deliverability Equals R x Antilog	
- (° ₀) - (°	d'			divided by: P _o ² - P _w	and divide by:	P _c ² -P _w ²		Assigned Indard Slope		L J			(Mcfd)	
												 		
							<u> </u>	<u>-</u>						
Open Flor	W			Mcfd @ 14.	65 psia		Delivera	ability			Mcfd @ 14.65 ps	sia		
		-	•				•			•	ort and that he h		_	
the facts st	tated th	herei	n, and that s	aid report is tru	and correc	t. Execut	ed this the _		day of $\frac{A}{J}$		1/0-	<u> </u>	20 14 .	
			14114	lif amil			-		Wh		Mallon	L	Received	
			Witness ((ii any)			_			For	Company	ANSAS CC	ORPORATION COM	
			For Com	mission			_			Che	cked by	<u></u>	<u>ר 2 2 די</u>	

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 SPRIGGS D-2
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
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: 8/14/14
Signature: Win Rolland

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.

