## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(	See Inst	tructio	ons on Rev	verse Side	)							
Op	en Flow	Test Date	ŗ.				ΔPI	No. 1	5							
De	liverabilty			08/27/13				_			1473-0	00-00	)			
Company WOOLSEY OPERATING COMPANY, LLC							Lease McMORAN C						Well Number			
County Location COMANCHE NE NE SE				Section 4				TWP 35S		RNG (E/W) 16W			Acres Attributed			
Field YELLOWSTONE NORTH					Reservoir MISSISSIPPI			Gas Gathering Conne ONEOK FIELD SER								
Completion Date 8/16/06				Plug Back Total Depth 5791					Packer Set at NONE							
Casing Size Weight .500 10.50			Internal Diameter 4.052			Set a 5818		Perforations 5322			то 5438					
Tubing Size Weight 2.375 4.70			Internal Diameter 1.995			Set at 5472		Perforations OPEN			То					
Type Completion (Describe) SINGLE				Type Flui	Type Fluid Production WATER, OIL				Pump Unit or Traveling Plui PUMPING				lunger? Yes / No			
Producing Thru (Annulus / Tubing) ANNULUS					% Carbon Dioxide				% Nitrogen			Gas Gravity - G				
	Pepth(H)			·	F	ressu	ure Taps						(Meter F	tun) (Pi	over) Size	
ressure)	Buildup:	Shut in _08/	27/13	at		(	(AM) (PM) Taken 08		3/28/13		20	0 at		(AM) (PM)		
Well on Line:		Started 20		0 at	at		(AM) (PM) Taken		:		20	) at		(AM) (PM)		
		_			OBSE	RVED	SURFACE	E DATA				Dura	ition of Shut-i	n	Hours	
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressi	l I	Flowing Temperature t	Well He Tempera t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>o</sub> )			Duration (Hours)		Liquid Produced (Barrels)		
Shut-In		psig (Pm)	Inches H <sub>2</sub> 0				psig 180	psia	psig 220	-   -	psia	24				
Flow		ļ							-		_, _					
•					FLOW	STRE	AM ATTR	IBUTE\$	•					•		
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fact F <sub>c</sub>	tor Te		Flowing emperature Factor F <sub>11</sub>	Fa	ation Metered Flo ctor R (Mcfd)		ow GOR (Cubic Fee Barrel)		et/	Flowing Fluid Gravity G <sub>m</sub>		
<del></del>							<del></del>				_					
D 12		(D. \2		(OPEN FLO	OW) (DE			•					<del>-</del>	= 0.2	07	
$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_d)^2}$ $\frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_d)^2}$		(P <sub>w</sub> ) <sup>2</sup> = :    Choose formula 1 or 2:   (P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		P <sub>d</sub> =			Backpressure Curve Slope = "n" Assigned Standard Slope				Antilo		(P <sub>d</sub> ) <sup>2</sup> Antilog	Or Deli Equals	en Flow iverability R x Antilog (Mcfd)	
			- c w													
Open Flo			Mcfd @ 14.	 65 psia			Deliverab	oility				Mefel	@ 14.65 psi	a		
•		ad authority a		. <u> </u>	toton +L	at he		•	o mata ii	ha sk-					lodge of	
	_	-	on behalf of the aid report is true				•		o make to day of _		•	or an	о тпат ле ла:		eage of 20 <u>13 .</u> .	
e racis s	itated thei	Witness		and correc	t. Exect	utea t —	inis the		day or _		lla.	Compar			WICH	
		For Comr	nission			_	-	<del></del>			Che	cked by	,	DEC	<del>1 8 20</del> 1.	
														R	ECEIVE	

	eclare 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
and that correct of equip	at 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 pment installation and/or upon type of completion or upon use being made of the gas well herein named. Breby request a one-year exemption from open flow testing for the McMORAN C-1
gas wel	ll 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  arther agree to supply to the best of my ability any and all supporting documents deemed by Commission is necessary to corroborate this claim for exemption from testing.
Date: _1	12/09/13
	Signature: <u>Wm R Hollaugh.</u> 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.