KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: en Flow	u		, <u>.</u> ,		(See Inst	ructio	ons on Rev	erse Side	= 9)						
= '	liverabi					Test Date 08/26/13						I No. 15 -033-2145	7-00-	-00			
Company WOOLSEY OPERATING COMPANY, LLC							Lease McMORAN A G.U.						Well Number				
County Location COMANCHE E2 SW NW					Section 17			TWP 35S			RNG (E/W)		-	Acres A	Attributed		
Field YELLOWSTONE NORTH							Reservoir MISSISSIPPI			Gas Gathering Connect APC/ONEOK FIELD							
Completion Date 4/8/06						Plug Back Total Depth 5657			l	Packer Se NONE							
Casing S 4.500	Casing Size Weight .500 10.50				Internal Diameter 4.052			Set at 5657		Perforations 5398			то 5527				
Tubing Size Weight 2.375 4.70				Internal Diameter 1.995			Set at 5542		Perforations OPEN			То					
Type Completion (Describe) SINGLE							Type Fluid Production WATER, OIL			Pump Unit or PUMPING			raveling Plunger? Yes / No				
Producing ANNUL		(Anr	nulus / Tubin	g)		% C	arbon D	ioxide	Ө		% Nitro	gen		Gas Gr	avity - (3,	
Vertical D	epth(H))					Р	ressu	ure Taps					(Meter F	Run) (P	rover) Size	
Pressure	Buildup):	Shut in _08/	/26/1:	32	0 at		(AM) (PM)	Taken_0	8/27/13		20 _	at		(AM) (PM)	
Well on L	ine:	ţ	Started		2	0 at		((AM) (PM)	Taken	<u>-</u>		20	at		(AM) (PM)	
					,		OBSEF	RVED	SURFACE	E DATA			Du	uration of Shut-	in	Hours	
Static / Dynamic Property	Size	Orifice Size Inches) Circle one: Meter Prover Pressu psig (Pm)		ure Di	Pressure Differential in Inches H ₂ 0 Flowin		Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _o)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)			Duration L (Hours)		Liquid Produced (Barrels)	
Shut-in			P9 ()	- 1 ***	4105 1720				psig 110	psia	180	psia	2	24			
Flow																	
							FLOW S	STRE	AM ATTR	BUTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		E:	Press xtension P _m x h	Gravity Factor F _g		Flowing Temperature Factor F _{rt}		Fa	Deviation Factor F _{pv}		Metered Flow R (Mcfd)		et/	Flowing Fluid Gravity G _m	
						(OPEN FL	OW) (DE	LIVE	RABILITY	CALCUI	ATIONS					<u> </u>	
(P _c) ² =		_ :	(P _w) ² =		<u>:</u>	P _a =		%		· - 14.4) +		:		(P _a)	2 = 0.2 2 =	207	
$(P_a)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P _o) ² - (P _w) ²		1. 2.	2. P ² -P ²		LOG of formuta 1. or 2. and divide by:		Backpressure Curve Slope = "n"or Assigned Standard Slope		n x LOG			ANINOG I		pen Flow liverability s R x Antilog (Mcfd)	
	\dashv			<u>.</u> .						· · · · · · · · · · · · · · · · · · ·	-			<u> </u>	<u> </u>		
Open Flo	 w			Me	cfd @ 14.	65 psia			Deliverab	ility			Mo	ofd @ 14.65 psi	 a		
The	undersig	gnec	d authority, o	n beh	alf of the	Company, s	tates tha	at he	is duly au	thorized 1	to make t	the above r	eport	and that he ha	s know	ledge of	
		-	n, and that s			- •			-		day of _[DECEMBE	•			20 13	
			Witness	(if any)					-	u	Vin L	I Hel	For Cop	pany	_KC	C WIC	
			For Com	Trission				_	-				Checked		DI	EC 18 2	
																RECEI\	

exempt status under Rule K.A.R. 82 and that the foregoing pressure in correct to the best of my knowledge of equipment installation and/or upon	ury under the laws of the state of Kansas that I am authorized to request 2-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC formation and statements contained on this application form are true and and belief based upon available production summaries and lease records on type of completion or upon use being made of the gas well herein named. The emption from open flow testing for the McMORAN A-4
(Check one) is a coalbed me is cycled on pluis a source of na is on vacuum at is not capable of	
Date: 12/09/13	Signature: Was I Hallaug Q
	Signature: Whe & Na Wang & 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.