KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test						(See Insi	tructi	ions on Rev	erse Side	?)							
Open Flow Deliverabilty				Test Date:				API No. 15 15-033-21440-00-00										
Company	ı		ATING CC	MPA	NY, LLC	9/18/12			Lease McMOR	AN A	15	J-030			v 1	Vell Nui	mber	
					Section 17				TWP 35S		RNG (E/W) 16W			Acres Attribute				
					Reservoir MISSIS		N					thering Connection			RECEIVED DEC 0 5 2012 KCC WICHITA			
- · · · · · · · · · · · · · · · · · · ·					Plug Bac 5829	k Total [Dept	h		Packer Set at NONE				DEC 05 201				
· · · · · · · · · · · · · · · · · · ·				Internal E 4.052	Internal Diameter 4.052			Set at 5829		Perforations 5400			To 5517 KCC WIC			HITA		
Tubing Size Weight 2.375 4.70			Internal Diameter 1.995			Set at 5529		Perforations OPEN			T	Го						
				Type Flui						np Unit or Traveling Plunger? Ye JMPING				s / No				
Producing ANNUL	-	(Anr	nulus / Tubin	g)		% C	arbon D	ioxio	ie		% Nitro	ogen		(Gas Gra	vity - G	g	
Vertical D 5459	epth(H)					F	ress	sure Taps					(1	Meter R	un) (Pr	over) Size	
Pressure	Buildu	o: \$	Shut in 9/1	8/12	20) at			(AM) (PM)	Taken 9/	19/12		20	at		(AM) (PM)	
Well on L	ine:	8	Started		20) at			(AM) (PM)	Taken			20	at		(AM) (PM)	
							OBSE	RVE	D SURFACE	E DATA				Duration o	of Shut-i	n	Hours	
Static / Oynamic Property	namic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in nches H ₂ 0	Flowing Temperature t	Well He Tempera t	ture (P_w) or (P_t)		Pressure	i i		Pressure		, ,		l Produced Barrels)	Ĭ
Shut-In			, , , , , , , , , , , , , , , , , , ,		2+				psig 120	psia	180		рыа	24				ı
Flow	-											·						I
				-T			FLOW	STR	EAM ATTR	BUTES								ı
Plate Coeffiec (F _b) (F Mcfd	ient	Circle one: Meter or Prover Pressure psia			Press Extension P _m x h	Grav Fact	tor	Flowing Temperature Factor F _I ,		Fa	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		t/	Flowing Fluid Gravity G _m	1
						(ODEN EL	OW) (DE	1 137	ERABILITY	CALCUI	ATIONS	<u> </u>						
(P _c) ² =		_:	(P _w) ² =	=	<u> </u>	P _d =) CALCUL) _c - 14.4) +		•	:		$(P_a)^2$ $(P_d)^2$	= 0.20 =	 	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. 2.	e formula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ $f by: P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²		Backpressure Curve Slope = "n" or- Assigned Standard Slope		n x I C			Antilo	Antiioe i		Open Flow Deliverability quals R x Antilog (Mcfd)	
Open Flo	w			N	/lcfd @ 14.6	35 psia			Deliverab	ility				Mcfd @ 14	.65 psia	1		
		_	d authority, on, and that s						-				above repo /EMBER Halla	and that	t he has		edge of 20 12 .	
			Witness	(if any)				_	u.aa				For	Company				
			For Com	mission				_	_				Che	cked by				

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
and that the foregone correct to the best of equipment insta	er Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records llation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the McMORAN A-1 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: 11/28/12	Signature: Won R Aullang 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.