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

Type Test	t:					See Instruc	tions on Rev	erse Side	)					
Open Flow					Test Date	٠.			ΔΡΙ	No. 15				
✓ Deliverability				9/30/15	7.		API No. 15 15-033-21473-00-00							
Company WOOLSEY OPERATING COMPANY, LLC					-	Lease McMOR	Lease McMORAN C				Well Number			
County Location COMANCHE NE NE SE				Section 4		TWP 35S			W)	Acres Attributed				
Field YELLOW STONE NORTH					Reservoi MISSIS			Gas Gathering Conne ONEOK FIELD SE						
Completion Date 8/16/06					Plug Bac 5791	k Total Dep	oth	Packer Set at NONE			-			
Casing S 4.500	ize	Weight 10.50			Internal Diameter 4.052		Set at 5818		Perforations 5322		то 5438			
Tubing Si	ize	Weight 4.70		<u></u>	Internal Diameter 1.995		Set at 5472		Perforations OPEN		То			
Type Completion (Describe) SINGLE				-	Type Flui	d Productio		Pump Unit or Trave			ng Plunger? Yes / No			
Producing	_	(An	nulus / Tubing	)		% Carbon Dioxid		de % Ni		en	Gas Gr	Gas Gravity - G <sub>g</sub>		
Vertical D		국)				Pres	ssure Taps				(Meter I	Run) (Pi	rover) Size	
	Buildu	p:	Shut in 9/29	9/15 2	0 at		(AM) (PM)	Taken_9/	30/15	20	at	(	AM) (PM)	
Well on L	ine:		Started	2	0 at		. (AM) (PM)	Taken		20	at	(	AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Hear Temperature Temperatu		Wellhead Pressure  (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure $(P_w) \propto (P_1) \propto (P_c)$		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In	.500	)	paig (i iii)	inches H <sub>2</sub> O		_	150	psia	psig 190	psia	24			
Flow						-								
					···r· -·-	FLOW ST	REAM ATTRI	BUTES			1			
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Gravity Factor F <sub>g</sub>		Temperature Fa		riation Metered Flow actor R F (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
									_					
					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS		(P <sub>a</sub> )	2 = 0.2	07	
(P <sub>c</sub> ) <sup>2</sup> =		<u>:</u>	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =		% (P,	<u>, - 14.4) +</u>	14.4 =	<del></del> :_	(P <sub>d</sub> )	<u>-</u> -		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>o</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ tivided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide P 2 F		Backpressure Curvi Slope = "n" 		n: x LOG		Ántilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
			_	_										
Open Flor	w	Mcfd @ 14.65 psia					Deliverabi	Deliverability Mcfd @ 14.65 psia						
		_	•		• •		•			e above repo	rt and that he ha		ledge of 20 <u>15</u> .	
ute tacts s	iaieo t	19 <b>19</b> 1	n, and that sa	id report is true	and correc		_		nday or _	1	00 0	)	su <u></u> ,	
			Witness (il	any)	KANSAS	Receiv CORPORATIO	ed ON COMMISSION		The Real		company	<u>~</u>	-	
			For Comm	ssion		ICT 16	2015		•	Chec	cked by			

CONSERVATION DIVISION WICHITA, KS

exempt status under	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator <u>WOOLSEY OPERATING CO, LLC</u>						
and that the forego	ing pressure information and statements contained on this application form are true and						
correct to the best o	f 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 McMORAN C-1							
gas well on the grou							
☐ i ☐ i ☐ i ☐ i ☐ i ☐ t ☐ t ☐ t	s a coalbed methane producer s cycled on plunger lift due to water s a source of natural gas for injection into an oil reservoir undergoing ER s on vacuum at the present time; KCC approval Docket No s not capable of producing at a daily rate in excess of 250 mcf/D o supply to the best of my ability any and all supporting documents deemed by Commission of corroborate this claim for exemption from testing.						
Date: 10/9/15							
	Signature: Who Revallance  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.