KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	::				(See Instruc	tions on Rev	erse Side)					
Open Flow			Test Date):			API	No. 15						
De	liverabi	lty			6/9/11				15-	0 07-21440-0	000 -033-	2144	∞ - ∞ -C	
Company WOOLS		PER	ATING COM	MPANY, LLC			Lease McMOR	AN			A-1	Well N	umber	
County Location COMANCHE NW NE. NW				Section 17		TWP 35S				Acres Attributed				
Field NORTH	YELL	OW:	STONE		Reservoir MISSIS					hering Conne	ction SERVICES			
Completic 9/7/05	on Date	9			Plug Bac 5829	k Total Dept	th		Packer S NONE	Set at			· '	
Casing Size 4.500			Weight	1	Internal Diameter 4.052		Set at 5829		Perforations 5400		то 5517			
•	Tubing Size		Weight		Internal Diameter		Set at		Perforations		То			
2.375	1-1:	- /0-	4.70		1.995	ما المساد ما الم		5529 OPEN Pump Unit or Trav			Diversed Va	- / M-		
Type Con SINGLE	<u> </u>	•	·		WATE				PUMP	ING		s / No		
Producing ANNUL	_	(Ann	ulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	en	Gas (Gravity -	G _e	
Vertical D 5459	epth(H)				Pres	sure Taps				(Meta	r Run) (l	Prover) Size	
Pressure	Buildu	o: {	Shut in 6/8/	11 2	 0 at		(AM) (PM)	Taken 6/	9/11	20	at		(AM) (PM)	
Well on L	ine:										at			
						OBSERVE	D SURFACE	DATA			Duration of Shi	ut-in	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressu	Pressure Differential re in	Flowing Temperature t	Well Head Temperature t	Casi Wellhead F (P ₊) \(\text{or}\) (P ₁	Pressure	Tubing Wellhead Pressure (P_{π}) or (P_1) or (P_2)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	(mone		psig (Pm)	Inches H ₂ 0	•	<u>'</u>	psig 120	psia	psig 180	psła	24			
Flow														
LI						FLOW STR	REAM ATTRI	BUTES	ı			<u> </u>		
Plate Coeffiec (F _b) (F Mcfd	ient		Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F ₁₁	Fa	iation ctor	Metered Flow R (Mcfd)	GO (Cubic Barr	Feet/	Flowing Fluid Gravity G _m	
					(ODEN EL	000 (051.0)	IEDADU ITA	041.011	ATIONS					
(P _c) ² =		_:	(P _w) ² =	:	(OPEN FL	, ,	'ERABILITY) % (P	- 14.4) +		;		$\binom{1}{4}^2 = 0.$	207	
(P _e) ² - (I or (P _e) ² - (I	·	(P	(_c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P.2. P.2	Slop Ass	sure Curve e = "n" or ilgned ard Slope	n x l	roe	Antilog	De	open Flow diverability Is R x Antilog (Mcfd)	
					<u> </u>	<u>.</u>								
Open Flo	w			Mcfd @ 14.			Deliverabi	lity		l	Mcfd @ 14.65	sia		
	·	gnec	authority, or			states that h	-		o make th		rt and that he		wledge of	
		_	•	id report is true	•			3	day of N	OVEMBER			20 11	
			Witness (ii	anu)			_	W	in L	Hall	agh	RE	CEIVED	
			For Comm				_				ked by	DE	<u>C 3 0 20</u> 1	

exempt status und and that the foreg correct to the bes of equipment insta I hereby requ	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC going pressure information and statements contained on this application form are true and t of my knowledge and belief based upon available production summaries and lease records allation 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
(Check	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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 11/13/11	Signature: Wall Sallage 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.