KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

		(5	See Instruct	ions on Rev	erse Side)					
		Tast Data				451	No. 45				
Deliverabilty						00-01					
Company WOOLSEY OPERATING COMPANY, LLC				Lease POWELI	Lease POWELL A				Well Number 1 OWWO		
	Section 2		TWP 34S		RNG (E/W) 11W		Acres Attributed				
Н		Reservoir MISSISS	SIPPIAN			Gas Gath	ering Conn	ection			
Completion Date 12/5/02			Total Dept	h		Packer Set at NONE		-			
Weight 10.500			iameter	Set at 4648		Perforations 4565		то 4592			
oing Size Weight 375 4.70			iameter	Set at 4607		Perforations OPEN		То			
Type Completion (Describe) SINGLE				1					' No		
Producing Thru (Annulus / Tubing) ANNULUS				de	% Nitrogen			Gas Gravity - G			
					·	1.403			un) (Prover) Size		
Shut in 09/2	27/13	at		(AM) (PM)	Taken 09)/28/13	20	at	(AM) (PM)		
			OBSERVE	D SURFACE	DATA			Duration of Shut-in	nHours		
Static / Orlfice		Temperature Temperatur		Casing Wellhead Pressure (P) or (P) or (P)		Tubing Wellhead Pressure (P_) or (P_) or (P_)		Duration (Hours)	Liquid Produced (Barrels)		
psig (Pm)	Inches H ₂ 0			psig	psia	psig	psia				
				80		120	<u> </u>	24			
						<u></u>	1				
			FLOW STR	EAM ATTRI	BUTES						
Plate Coefficient (F _b)(F _p) Mcfd Circle one: Meter or Prover Pressure psia Press Extension P _m x h		Gravity Factor F _g		Flowing Deviation emperature Factor Factor F F, F		ctor	Metered Flor R (Mcfd)	W GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m		
		(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS	·	(D.)2	0.007		
(P _*) ² =	_ :	, P _d =		·			<u> </u>	(P _d) ²	= 0.207 =		
$ \begin{array}{c c} (P_c)^2 - (P_w)^2 & (P_c)^2 - (P_w)^2 & Choose formula 1 or 2: \\ 1. \ P_c^2 - P_a^2 & \\ (P_c)^2 - (P_d)^2 & 2. \ P_c^2 - P_d^2 \\ divided by: \ P_c^2 - P_w^2 & \\ \end{array} $		LOG of formula 1. or 2. and divide by:		Slope = "n"		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
	Model @ 14 6	E noin		Dolivorobi				Model @ 14 65 poin			
	MICIO W 14.0	o psia		Deliverable	iity			MICIO W 14.65 PSI	<u> </u>		
•				•			•	ort and that he has	knowledge of		
, with that our	open io trao	KC	C MIC	Literature			4 -	20			
Witness (if a	any)	UĘ	re w	IG T	-u	<i>m</i>	For (Company			
For Commis	sion		RECEI	√£3 013			Che	cked by			
	Location SE NE N H Weight 10.500 Weight 4.70 Pacribe) Prover Pressure paig (Pm) Circle one: Meter or ver Pressure paid (Pm) (Pm)2 = Character of the paid of t	Location SE NE NW H Weight 10.500 Weight 4.70 Scribe) Started	ATING COMPANY, LLC Location Section SE NE NW 2 Reservoir MISSISS Plug Back 4628 Weight Internal D 10.500 4.052 Weight Internal D 1.995 Scribe) Type Fluic OIL, W. Scribe) Started 20 at Circle one: Meter Prover Pressure psig (Pm) Inches H ₂ 0 Circle one: Meter or ver Pressure psia Pmy Fluic Inches H ₂ 0 Circle one: Meter or Ver Pressure psia Pmy Fluic Inches H ₂ 0 Circle one: Meter or Ver Pressure psia Pmy Fluic Inches H ₂ 0 Circle one: Press Extension Fact Flowing Temperature the psid of the Company in the psid of the Company in the psid of the Company, so in, and that said report is true and correct Witness (if any)	ATING COMPANY, LLC Location Section SE NE NW 2 H Reservoir MISSISSIPPIAN Plug Back Total Dept 4628 Weight Internal Diameter 4.052 Weight Internal Diameter 1.995 Preside one: Meter Prover Pressure paig (Pm) Inches H ₂ 0 FLOW STR Circle one: Meter Prover Pressure paig (Pm) Inches H ₂ 0 FLOW STR Circle one: Meter Prover Pressure paig (Pm) Meter Prover Pressure Inches H ₂ 0 The paig (Pm) Inches H ₂ 0 The paig	ATING COMPANY, LLC Location Section TWP SE NE NW 2 34S Reservoir MISSISSIPPIAN Plug Back Total Depth 4628 Weight Internal Diameter Set a 4.052 4645 Weight Internal Diameter Set a 4.70 1.995 4607 Pressure Taps Shut in 09/27/13 20 at (AM) (PM) Started 20 at (AM) (PM) Circle one: Mater Prover Pressure Pressure Pressure Pressure Pressure Pressure Pressure Pressure Pressure Prover Pressure Prover Pressure Pressure Pressure Prover Pressure	Test Date: 09/27/13 ATING COMPANY, LLC Location Section TWP SE NE NW 2 34S Reservoir MISSISSIPPIAN Plug Back Total Depth 4628 Weight Internal Diameter Set at 10.500 4.052 4648 Weight Internal Diameter Set at 4.70 1.995 4607 Pressure Taps Shut in 09/27/13 20 at (AM) (PM) Taken OS Shut in 09/27/13 20 at (AM) (PM) Taken OS Shut in 09/27/13 20 at (AM) (PM) Taken OS Started OBSERVED SURFACE DATA Circle ane: Pressure In Inches H ₂ 0 OBSERVED SURFACE DATA Circle ane: Pressure Inches H ₂ 0 OBSERVED SURFACE DATA Casing Well Head Temperature Temperature (P ₊) or	ATING COMPANY, LLC Lease POWELL A Lease POWELL A Location SE NE NW 2 34S 11W H Reservoir MISSISSIPPIAN APC Plug Back Total Depth 4628 NONE Weight 10.500 4.052 4648 4565 Weight 10.500 1.995 Weight Internal Diameter 4.70 1.995 Weight A-70 1.995 Weight Internal Diameter 4.70 1.995 Weight A-70 1.995 Weight A-70 Internal Diameter Set at Perfor A-70 Internal Diameter Set at Perfor Grobe Weight A-70 Internal Diameter Set at Perfor A-70 Internal Diameter Weight A-70 Internal Diameter Set at Perfor A-70 Internal Diameter Set at Perfor Grobe Weight A-70 Internal Diameter A-607 Pump Un PUMPI WILLS / Tubing) Pressure Taps Pressure Taps Shut in O9/27/13 20 at (AM) (PM) Taken O9/28/13 Started OBSERVED SURFACE DATA Casing Weilhead Pressure Proves Pressure Meter or Pressure Proves Pressure Inches H ₂ 0 Back Total Depth Assigned Standard Slope NONE Pressure Pressure Pressure Proves Pressure Prove Pressure Prove Pressure Prove Pressure Prove Pressure Pressure Pressure Pressure Pressure Pressure Pressure Prove Pressure Prove Pressure P	Test Date: 09/27/13 15-007-20227-4 ATING COMPANY, LLC PLOSE POWELL A Location Section TWP RNG (E/W) SE NE NW 2 34S 11W Reservoir Gas Gathering Conn APC H Reservoir HISSISSIPPIAN APC Plug Back Total Depth 4628 NONE Weight Internal Diameter Set at Perforations 4628 NONE Weight Internal Diameter Set at Perforations 4668 4565 Weight Internal Diameter Set at Perforations 4667 OPEN Weight Internal Diameter Set at Perforations 470 1.995 4607 OPEN Weight Internal Diameter Set at Perforations OPEN Weight Internal Diameter Set at Perforations 470 1.995 Hours Proving North Proving OPEN Scribe) Type Fluid Production OIL, WATER PUMPING OIL, WATER PUMPING OIL, WATER PUMPING Shut in 09/27/13 20 at (AM) (PM) Taken 09/28/13 20 OBSERVED SURFACE DATA OBSERVED SURFACE DATA Consist one: Weight Proving In Inches H ₁ 0 Inches H ₂ 0 Inches H ₂ 0 Inches H ₂ 0 Inches H ₂ 0 Inches H ₃ 0 Inches H ₂ 0 Inches H ₃	Tost Date: 09/27/13 15-007-20227-00-01 ATING COMPANY, LLC POWELL A 1 OW Location Section TWP RNG (EW) A SE NE NW 2 34S 11W Reservoir MISSISSIPPIAN APC H Reservoir MISSISSISPIPIAN APC Plug Back Total Depth Packer Set at NONE Weight Internal Diameter Set at 4628 NONE Weight Internal Diameter Set at 4565 4592 Weight Internal Diameter Set at 70-00EN Purp Unit or Traveling Plunger? Yes 70-00EN Purp Unit or Traveling Plunger? Yes 70-00EN Purp Unit or Traveling Plunger? Yes 70-00EN Shut In 09/27/13 20 at (AM) (PM) Taken 09/28/13 20 at 1-00-00EN Cucies were Pressure Taps (Meter Research Pressure Pressure Taps (Meter Research Pressure Pressure Pressure Pressure Taps (Meter Research Pressure Pres		

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of 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 POWELL A-1	- d s
gas well on the grounds 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	
I further agree to supply to the best of my ability any and all supporting documents deemed by Commiss	ior
staff as necessary to corroborate this claim for exemption from testing.	
Date: 12/17/13	
Signature:	

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.

