KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

;			(See Instru	uctions on Re	verse Side)			
en Flow			Test Date) :						
	у		7/25/11				15-	007-22502-		
Company WOOLSEY OPERATING COMPANY, LLC				Lease ELLIS					G-5	Well Number
County Location BARBER SW SE NE			Section 34		TWP 33S			(₩)		Acres Attributed
Field AETNA				Reservoir MISSISSIPPIAN			Gas Gat APC	hering Conn	ection	
Completion Date 6/10/96				k Total De	epth		Packer S NONE	Set at		
Casing Size Weight 4.500 10.50			Internal (4.052	Diameter		Set at 5330			то 4756	
Tubing Size Weight 2.375 4.70			Internal [1.995	Diameter		Set at 4790			То	
Type Completion (Describe) SINGLE				Type Fluid Production						/ No
Producing Thru (Annulus / Tubing) ANNULUS				% Carbon Dioxide				jen	Gas G	ravity - G _g
epth(H)				Pre	essure Taps		-		(Meter	Run) (Prover) Size
Buildup:	Shut in	25/11	20 at		_ (AM) (PM)	Taken_7/	26/11	20	at	(AM) (PM)
Well on Line: Started20			20 at	at (AM) (PM) Taken				20 at		(AM) (PM)
· ·				OBSER\	VED SURFAC	E DATA			Duration of Shut	-inHours
(inches)		Differential in	Flowing Temperature t		Wellhead (P _w) or (P	Pressure	Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
	P	,			65	psia	62	psia	24	
		,		FLOW S	TREAM ATTR	IBUTES				
Plate Circle one: Coefficient Meter or (F _b) (F _p) Prover Pressure Mcfd psia		Press Extension ✓ P _m x h	ension Factor		Flowing Temperature Factor F ₁₁	Fa	Factor R		w GOR (Cubic Fo Barrel	eet/ Fluid Gravity
			(OPEN FL	OW) (DEL	.IVERABILITY) CALCUL	ATIONS		(P)² = 0.207
	: (P _w) ²	<u>=:</u>	P _d =		_%(F	P _c - 14.4) +	14.4 = _	<u> </u>)2 =
P _e) ²	(P _e) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ²	LOG of formula 1. or 2. and divide	P _e ² . P _s ²	Slo	pe = "n" - or signed	l _{n x}	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
L	<u></u>	Mcfd @ 14	.65 psia		Deliverel	oility			Mcfd @ 14.65 ns	sia
	ned authority			states that			o make t	he above rec		
_	•					0	day of _	lovember	1 11 /	, 20 11 RECEIVED
	Witness	til and					In.		Company	DEC 3 0 20
										0 10 0 7 73 (3 736)
	en Flow iverabilities on Date EY OP In Date Ze In Date Ze In Thru (US Epth(H) Buildup: Inches Inch	en Flow iverability EY OPERATING CO Loca SW SI on Date Ze Weig 10.5 Ze Weig 4.70 apletion (Describe) In Thru (Annulus / Tubin US epth(H) Buildup: Shut in 7/2 epth(H) Circle one: Meter or Prover Pressure psig (Pm Circle one: Meter or Prover Pressure psia (Pm) Circle one: Meter or Prover Pressure psia	en Flow inverability EY OPERATING COMPANY, LLC Location SW SE NE In Date Ze Weight 10.50 Ze Weight 4.70 Inpletion (Describe) In Thru (Annulus / Tubing) US Eph(H) Buildup: Shut in 7/25/11 Ine: Started	Test Date Test Date Test Date T/25/11 EY OPERATING COMPANY, LLC Location SW SE NE Reservoir MISSIS: In Date Plug Bac 5284 Ze Weight Internal E 10.50 4.052 Ze Weight Internal E 4.70 1.995 Internal	Test Date: 7/25/11 EY OPERATING COMPANY, LLC Location SW SE NE 34 Reservoir MISSISSIPPIAN In Date Plug Back Total De 5284 Internal Diameter 4.70 1.995 Internal Diameter 4.70 1.995 Internal Diameter 4.70 1.995 Impletion (Describe) Type Fluid Product WATER Thru (Annulus / Tubing) % Carbon Diameter 4.70 1.995 Thru (Annulus / Tubing) % Carbon Diameter 4.70 1.995 Type Fluid Product WATER Thru (Annulus / Tubing) % Carbon Diameter 4.70 1.995 Type Fluid Product WATER Thru (Annulus / Tubing) % Carbon Diameter 4.70 1.995 Type Fluid Product WATER Thru (Annulus / Tubing) % Carbon Diameter 4.70 1.995 Type Fluid Product WATER Oriffice Size (Inches) Pressure Prover Pressure psig (Pm) Inches H ₂ 0 Temperature 1 1 Thru (Annulus / Tubing) Type Flowing Temperature 1 1 OBSER' Oriffice One: Mater Prover Pressure psig (Pm) Prover Pressure Prover Press	Test Date: 7/25/11 EY OPERATING COMPANY, LLC Lease ELLIS Location SW SE NE A Reservoir MISSISSIPPIAN In Date Plug Back Total Depth 5284 Ze Weight 10.50 A. 052 Ze Weight 4.70 1.995 Thru (Annulus / Tubing) US epth(H) Pressure Taps Pressure Taps Oriffice Size (Inches) Prover Pressure psig (Pm) Prover Pressure psig (Pm) Prover Pressure psig (Pm) FLOW STREAM ATTE (OPEN FLOW) (DELIVERABILITY Factor Fig. (OPEN FLOW) Size (Inches) OPEN FLOW) OBSERVED SURFACE (OPEN FLOW) (OPEN FLOW) Size (Inches) OPEN FLOW) Size (Inches) OPEN FLOW) OBSERVED Size (Inches) OPEN FLOW) Temperature Tellowing Tellowin	Test Date: 7/25/11 EY OPERATING COMPANY, LLC Lease ELLIS Location Section TWP 34 33S Reservoir MISSISSIPPIAN In Date Plug Back Total Depth 5284 2e Weight Internal Diameter Set at 10.50 4.052 5330 Zee Weight Internal Diameter Set at 4.70 1.995 4790 Type Fluid Production WATER Thru (Annulus / Tubing) US epth(H) Pressure Taps OBSERVED SURFACE DATA OBSERVED SURFACE OBSERVED SURFACE OBSERVED SURFACE OBSERVED SURFACE OBS	rest Date: 7/25/11 15 EY OPERATING COMPANY, LLC ELLIS Location SW SE NE 34 33S 14W Reservoir Gas Gat MISSISSIPPIAN APC The Plug Back Total Depth Packer S 10.50 4.052 5330 470 Reservoir Sea tat Perfect A 1.995 4.790 OPT Plug Plug Plug Pressure Taps Thru (Annulus / Tubing) % Carbon Dioxide % Nitrog US Buildup: Shut in 7/25/11 20 at (AM) (PM) Taken 7/26/11 Thru (Annulus / Tubing) Researce (Inches) Pressure Taps Orifice Size Mater Prover Pressure paig (Pm) Inches H ₂ D 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Test Date: 7/25/11 Test Date: 7/25/11 Test Date: 15-007-22502-1 EV OPERATING COMPANY, LLC ELLIS Location Sw SENE 34 TWP RNG (EW) 14W Reservoir MISSISSIPPIAN APC Gas Gathering Conn APC Weight Internal Diameter 10.50 4.052 Type Fluid Production WATER Pump Unit or Traveling PUMPING Thru (Annulus / Tubing) WATER Pressure Taps Ortice Size Started Ortice Size (Inches) Pressure Prover P	Tost Date: 7/25/11

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
correct to the best of equipment insta I hereby reque	poing 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 allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the ELLIS G-5 bounds 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 eto supply to the best of my ability any and all supporting documents deemed by Commission of to corroborate this claim for exemption from testing.
Date: 11/10/11	
	Signature: Wm K Sallange. 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.