RECEIVED

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

AUG 2 0 2012

(See Instructions on Reverse Side) Type Test: Open Flow Test Date: API No. 15 Deliverabilty 01/16/2012 15-081-21108 - 0002 Company Lease Well Number MERIT ENERGY COMPANY **GREGG "F"** Location TWP RNG (E/W) Section Acres Attributed HASKELL 1080' FNL & 2520' FWL 34W Field Reservoir Gas Gathering Connection **EUBANK** ATOKA, MARMATON, KANSAS CITY "B" REGENCY Completion Date Packer Set at Plug Back Total Depth 05/16/1997 5164 NA Casing Size Internal Diameter Weight Perforations Set at To 5.5 15.5# 5600 4011' 5110' **Tubing Size** Weight Internal Diameter Set at Perforations To 4.7 # 2.375 5127 NA Type Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? Yes / No Commingled (GAS) WATER YES Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G_ **ANNULUS** UNKNOWN UNKNOWN N/A Vertical Depth(H) (Meter Run) (Prover) Size Pressure Taps 5600 **FLANGE** METER RUN - 2" 20 12 at 8:00 AM (AM) (PM) Taken 01/16 01/17 __ ₂₀ 12 _{at.} 9:00 AM Shut in . Pressure Buildup: Well on Line: Started _ 20 ___ at _ __ (AM) (PM) Taken. __ 20 ___ at ___ **OBSERVED SURFACE DATA** Duration of Shut-in Circle one: Pressure Casino Tubina Static / Orifice Flowing Well Head Liquid Produced Meter Wellhead Pressure Wellhead Pressure Duration Differential Size Temperature Temperature **Dynamic** Prover Pressure in (P_w) or (P_t) or (P_c) (Pw) or (Pt) or (Pc) (Hours) (Barrels) Property (inches) psig (Pm) Inches H₂0 psig psia psig Shut-In 24 8 58 Flow **FLOW STREAM ATTRIBUTES** Circle one: Flowing Flowing Plate Press Gravity Deviation Metered Flow GOR Meter or Coeffiecient Extension Temperature Fluid Factor (Cubic Feet/ Factor Prover Pressure Factor Gravity $(F_b)(F_p)$ ✓ P_xh Barrel) (Mcfd) psia G_{m} Mcfd (OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_a)^2 = 0.207$ $(P_{w})^{2} =$ $(P_c - 14.4) + 14.4 =$ $(P_d)^2 =$ Choose formula 1 or 2: Backpressure Curve Open Flow (P_c)² - (P_w)² LOG of (P_a)² - (P_a)² 1 P2-P2 Slope = "n" n x LOG Deliverability formula Antilog --- or----2. P.2 - P.2 Equals R x Antilog $(P_a)^2 \cdot (P_d)^2$ and divide Assigned P.2 - P.2 (Mcfd) divided by: P2-P2 Standard Slope Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia Open Flow The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 25TH day of JULY MChery F Witness (if any) Checked by For Commission

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		tws of the state of Kansas that I am authorized to refer to for the operator MERIT ENERGY COMPANY	equest
		tatements contained on this application form are tr	ue and
		ed upon available production summaries and lease r	
of equipment insta	llation and/or upon type of comple	etion or upon use being made of the gas well herein ren flow testing for theGREGG "F" #7	
	ounds that said well:		
9			
(Check	one) is a coalbed methane producer		
	is cycled on plunger lift due to w	vater	
	is a source of natural gas for inje	ection into an oil reservoir undergoing ER	
		e; KCC approval Docket No	_
		daily rate in excess of 250 mcf/D	
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I further agree	to supply to the best of my abilit	ty any and all supporting documents deemed by Co	mmissior
	γ to corroborate this claim for exe		
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Date: 07/25/2012			
	Signatur	e: Mchery Patrice	
	Titl	le: REGULATORY ANALYST	
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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.