



February 13, 2017

MICHIGAN PUBLIC SERVICE COMMISSION

Gas Operating Section

P.O. Box 30221

Lansing, MI 48909

Attn: Travis Warner

Re: Case Number U-16230

ASE4 CPF – Annual Report on Vacuum Operations

Dear Mr. Warner,

EnerVest Management Partners, LP, Belden & Blake Corporation d/b/a Ward Lake Energy, EnerVest Institutional Fund IX, LP, is submitting the required Annual Reporting information, detailed below. The abovementioned facility and its associated units were granted approval from the Michigan Public Service Commission (MPSC) to operate wells under vacuum conditions on 3/1/2016.

Attached for your review is the information requested, set forth by the MPSC.

- 1) All dates on which oxygen level was measured at or above 5 ppm for a period of 10 minutes.
- 2) Annual analysis of fuel consumption versus the estimated incremental production.
- 3) Average monthly wellhead pressure for each well operated under vacuum.

Please feel free to contact the undersigned with any questions you may have.

Sincerely,

Jeffrey A. Riling

Michigan Manager

EnerVest Operating, LLC

685 East M-32 Suite 201

Gaylord, MI 49735

Office: 989-732-8499 ext. 50627

O2 Alarm Report

DATE: 2016

Dates with O2 Measured at or above 5 PPM for a period of 10 minutes

FACILITY	DATE
ASE4	

*No dates recorded with O2 levels at or above 5 PPM.

GAS PRODUCTION VS FUEL CONSUMPTION

FACILITY
START OF VACUUM OPERATIONS

ASE 4
3/1/2016

	SALES, MCF	FUEL, MCF	COMMENTS
Jan-16	19,337	2,835	
Feb-16	17,684	2,568	
Mar-16	18,498	2,803	Start of vacuum operations
Apr-16	17,548	2,696	
May-16	17,981	2,799	
Jun-16	17,736	2,756	
Jul-16	19,247	2,770	
Aug-16	19,112	2,707	
Sep-16	18,529	2,640	
Oct-16	19,154	2,760	
Nov-16	17,722	2,705	
Dec-16	18,637	2,756	



