

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

PERMIT MODIFICATION APPROVAL

June 19, 2014

TRIANA ENERGY, LLC 900 VIRGINIA STREET, EAST - SUITE 400 CHARLESTON, WV 25301

Re: Permit Modification Approval for API Number 9101292 , Well #: DUNHAM 5H Add leaseholder

Oil and Gas Operator:

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

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Regulatory/Compliance Manager

Office of Oil and Gas



June 13, 2014

Mr. James Martin Chief Office of Oil and Gas West Virginia Department of Environmental Protection 601 57th Street, S. E. Charleston, West Virginia 25304

Re: Triana Energy, LLC - Horizontal Well Work Permit Modification Request

API # 47-9101290 Dunham 1H, API # 47-9101285 Dunham 2H, API # 47-9101292 Dunham 5H,

Booth's Creek District, Taylor County, West Virginia

Dear Mr. Martin:

Triana Energy, LLC hereby requests to modify the Well Work Permit for the referenced wells located in Booth's District, Taylor County, West Virginia. During the drilling of the vertical section of the Dunham 1H, bore-hole conditions caused a natural deviation in the planned well bore path. Our evaluation of directional drilling survey data shows that it would be more economically beneficial to Triana and the mineral owners if the horizontal section of the original 2H well lateral path is drilled from the current 1H kick-off point. Conversely, the same is true for the drilling the original horizontal section of the 1H well lateral path from the current 2H kick-off point. The original well surface locations have not changed.

Therefore, Triana respectfully requests the Office of Oil and Gas to approve this request to modify the horizontal well lateral paths, effectively swapping the original Dunham 1H and 2H lateral sections with each other. Please find enclosed revised Forms WW-6B and WW-6A1 for the respective wells, as well as revised well plats reflecting the change.



Additionally, upon further evaluation of the Dunham 5H well bore path, Triana believes the vertical section travels through a portion of parcel 3-16-2 (West Virginia Department of Agriculture), which lease was not listed on the original Dunham 5H WW-6A1 in the well work application. Therefore, please also find enclosed a revised WW-6A1 that now includes the West Virginia Department of Agriculture as lessor.

Please feel free to contact me should you have any questions or need additional information. Thank you for your attention to this matter.

Sincerely,

Walter C. Showen, III Manager, Permitting

Cc: Mr. Gene Smith

Mr. Chad Carmichael



