



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Wednesday, December 20, 2023
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re: Permit Modification Approval for KNOB CREEK N-3HM
47-051-02280-00-00

Adding an AST to the pad

EQT PRODUCTION COMPANY

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.

If there are any questions, please feel free to contact me at (304) 926- 0450.



James A. Martin
Chief

Operator's Well Number: KNOB CREEK N-3HM
Farm Name: DAVID LEE FRANKLIN
U.S. WELL NUMBER: 47-051-02280-00-00
Horizontal 6A New Drill
Date Modification Issued: 12/20/2023

Promoting a healthy environment.

12/22/2023

WEST VIRGINIA COUNTY MAP



PROJECT LOCATION

APPROVED WVDEP OOG Modification 12/20/2023

Knob Creek 1 Site Site Design, Construction Plan, & Erosion and Sediment Control Plans Tug Hill Operating Marshall County Meade District Latitude 39.77005962° Longitude -80.70545789° Middle Fish Creek Watershed

Pertinent Site Information Knob Creek 1 Site Emergency Number: 304-845-1920 Meade District, Marshall County, WV Watershed: Middle Fish Creek Watershed Tug Hill Contact Number: 1-817-632-3400

Table with 10 columns: Drain, Wet Ponds, Wet Ponds, Road, Crown Road, Crown Road, All Paving, Total Paved, Total Paved. Includes data for Knob Creek 1 Site.

Exhibit A: As-Built



WV State Plane Coordinate System Zone Four, NAD 83 Elevation Based on NAVD 83 Established by Survey Locs. 4, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Table with 4 columns: Access Road, Tug Hill, Road, Time. Includes data for Knob Creek 1 Site.

Table with 2 columns: Disturbed Area, Total Area. Includes data for Knob Creek 1 Site.

Table with 10 columns: Description, Quantity, Unit, Price, Total, Tax, Total. Includes data for Knob Creek 1 Site.

Large table with multiple columns containing site location coordinates (Easting, Northing, UTM) for various points on the site. Includes columns for 'Site Location (NAD 83)' and 'Site Location (NAD 27)'.

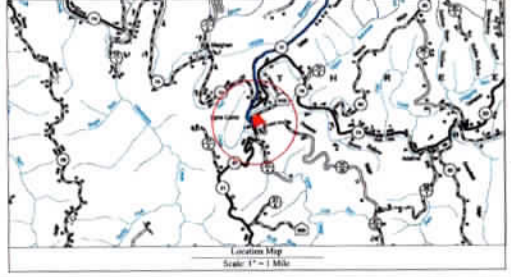


Table with 3 columns: Station, Easting, Northing. Includes data for Site Location (NAD 27) and Site Location (NAD 83).

Project Contacts: Tag Hill Operating, LLC; 174 East 20th Street, Morgantown, WV 26505; Phone: 304-281-6888; Fax: 304-281-6888.

Access and Easements: Access & Easement; 174 East 20th Street, Morgantown, WV 26505; Phone: 304-281-6888; Fax: 304-281-6888.

Approach Route: From the intersection of WV Rt 2 and Co Rt 17 (12th Street) in Meadsville, WV. Turn onto 12th Street (northwest) (right-hand) Follow Co Rt 17 (12th Street) for 1.8 mi. Co Rt 17 (12th Street) becomes Co Rt 17 (Fork Ridge Rd). Follow Co Rt 17 (Fork Ridge Rd) for 0.2 mi. Turn Right onto Co Rt 24 (Big Cabin Creek Rd). Follow Co Rt 24 for 7.6 mi. Turn Left onto Co Rt 21 (Roberts Ridge St. Joseph Rd). Follow Co Rt 21 for 1.7 mi. Turn Right onto East Rt 2 (Co Rt 21). Follow East Rt 2 for 1.6 mi. The site entrance will be on the left-hand side of the road.



Well Location Identifiers: All Well locations comply with the following guidelines: 1. All Well locations are marked with an established sign post for location identification. 2. All Well locations are marked with an established sign post for location identification. 3. All Well locations are marked with an established sign post for location identification.

Attachments: Worked Documents as per old to Referencing; 174 East 20th Street, Morgantown, WV 26505; Phone: 304-281-6888; Fax: 304-281-6888.

Tag Hill Operating will obtain an Erosion/Sediment Permit (Form MW 100) from the WV Department of Transportation, Division of Highways, prior to the commencement of any construction activities. The WV Motor Vehicle was considered. Previous (various) mining activities are not within the AGL. WVDEP Website files show that there are no active and/or abandoned gas wells within the AGL.

Table with 2 columns: Description, Quantity. Includes data for Fluorapatite Conditions.

Professional Engineer: RECEIVED NOV 15 2023 WV Department of Environmental Protection. Includes signature and stamp of a Professional Engineer.

Table with 2 columns: Sheet, Description. Includes data for various sheets and descriptions.

MISS UTILITY OF WEST VIRGINIA: 811. Know what's below. Call before you dig.

Vertical sidebar containing logos for Tug Hill Operating, WV Department of Environmental Protection, Knob Creek 1 Site, and Marshall County, WV. Includes a 'RECEIVED' stamp dated NOV 15 2023.

APPROVED
WVDEP OOG
 Modification
 12/20/2023

Knob Creek I Site
 Tug Hill Operating
 Exhibit A: As-Built

RECEIVED
 Office of Quality Assurance
 NOV 15 2023
 WV Dept
 Environmental Protection

Center of A&E Coordinates

W 7120 83.0000
 N 4320 00.0000
 UTM Zone 18Q UTM
 Datum: NAD83
 UTM Zone 18Q UTM
 Datum: NAD83

Proposed Level 2
 Retention Tank
 (11,000 gal capacity)

Proposed Level 1
 Retention Tank
 (11,000 gal capacity)

Proposed Level 0
 Retention Tank
 (11,000 gal capacity)



TUG HILL
 OPERATING

THIS DOCUMENT
 PREPARED FOR
 TUG HILL
 OPERATING

K&S
 CONSULTANTS
 ENGINEERS
 ARCHITECTS

Site Plan
Knob Creek I Site
 Meade District
 Marshall County, WV

Legend

Original Contour of Elevation	12" Water	Final Wetland
Original Contour of Elevation	24" Covered Slope Tank	Final Wetland
Design of Contour	8" Slope Side Frame	Final Wetland
Design of Contour	Level of Disturbance	Proposed Wetland
Center of Retention	Level of Retention	Existing Wetland
Existing Slope Line	Mark Level Check	Proposed Level Retention Slope Tank
Existing Utility Point Line	Center Level Retention Level Check	Mark Tank Check

Shuster Group 11/15/2023

Date: 11/24/2023
 Scale: As Shown
 Designed By: J.E.
 File No:
 Exhibit