



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, January 17, 2024
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re: Permit Modification Approval for ELMER N -14HU
47-103-03502-00-00

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.

A blue ink signature of James A. Martin, written in a cursive style.

James A. Martin
Chief

Operator's Well Number: ELMER N -14HU
Farm Name: ELNORA TUTTLE
U.S. WELL NUMBER: 47-103-03502-00-00
Horizontal 6A New Drill
Date Modification Issued: 1/17/2024

Promoting a healthy environment.

01/19/2024

Elmer Well Site

Site Design, Construction Plan, & Erosion and Sediment Control Plans

Tug Hill Operating
Wetzel County
Proctor District

Latitude 39.69384130°
Longitude -80.73757155°
Proctor Creek Watershed

Exhibit A: As-Built

Pertinent Site Information

Elmer Well Site
Emergency Number: 304-455-6960
Proctor District, Wetzel County, WV
Watershed: Proctor Watershed
Site 911 Address:

Tug Hill Contact Number: 1-817-632-3400

Property Owner Information - Elmer Well Site

Owner	Proctor District - Wetzel County				Type/Restrictions	Acres	Contig.	Total Disturbed
	150' Paved	Wall Pad	Front Access Road	Other				
Charles & Betty Higgins	8.15	2.71	0.00	0.24	0.31	4.14	7.86	
Elmer Tull:			0.25	2.45	1.71	8.90	18.25	
Site Totals:	7.83	0.25	3.09	3.38	12.76	36.11		

Access Road

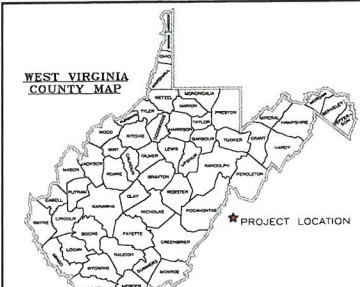
Surface Owner	150' Paved	Wall Pad	Front Access Road	Other	Type/Restrictions	Acres
Charles & Betty Higgins	8.15	2.71	0.00	0.24	New Access Road Construction	
Elmer Tull:			0.25	2.45	New Access Road Construction	

Disturbed Area

Wall Pad Construction	0.31 AC
Front Access Road Construction	0.35 AC
Topsoil/Excess Material	7.38 AC
Additional Grading	10.78 AC
Field/Foreland Area	26.11 AC
Total Disturbed Area	45.93 AC
Total Area of Access Road	13.00 AC

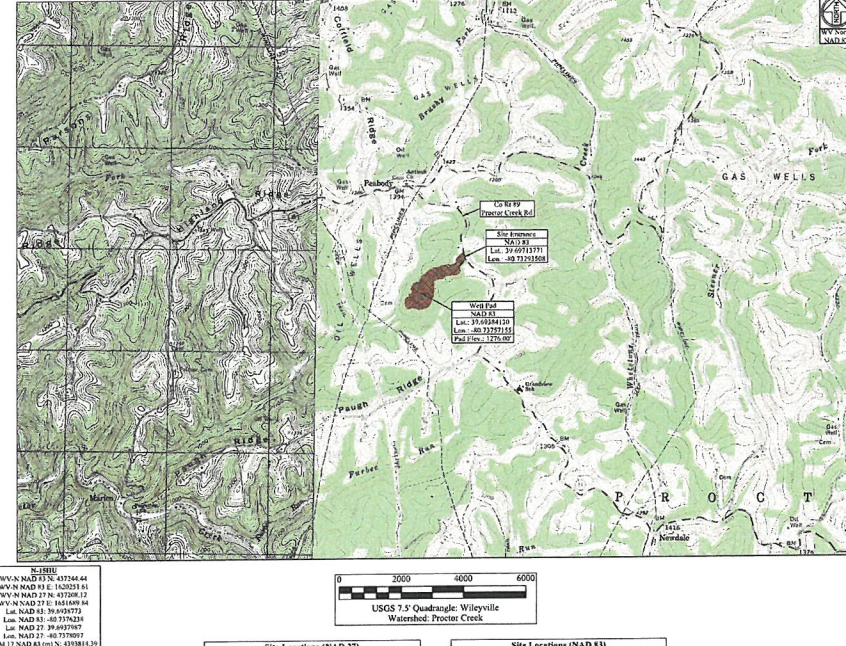
Elmer Well Site Quantities

Description	Qty (CY)	17% (CY)	Spot (CY)	Remov (CY)	Max. Slope	Length of Slope
Wall Pad	12,818.63	1,728.44	11,100.00		N/A	N/A
Wall Pad Ramps	11.99	1,999.68		1,177.73	N/A	N/A
Production Pad	1,190.70	2,463.31			N/A	N/A
Wall Pad Access Road	13,000.00	1,890.00	11,110.00		N/A	N/A
Production Pad Access Road	2,178.25	9.58	2,187.83		N/A	N/A
Topsoil/Excess Material Stockpile	7,376.00	33,000.00			N/A	N/A
Total	44,515.57	24,590.97	18,217.83			
Total Spot (CY)			16,287.73			



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Site Location (NAD 27)	Center of Well Pad
WVN NAD 83 E: 134411.79 WVN NAD 83 E: 162387.17 WVN NAD 27 E: 430171.12 WVN NAD 27 E: 165102.32 Loc. NAD 83: 39491771 Loc. NAD 83: 80.7320568 Loc. NAD 27: 39491004 Loc. NAD 27: 80.731153 UTM 17 NAD 83 (m) N: 4948171.43 UTM 17 NAD 83 E: 52386.99	WVN NAD 83 E: 134411.79 WVN NAD 83 E: 162387.17 WVN NAD 27 E: 430171.12 WVN NAD 27 E: 165102.32 Loc. NAD 83: 39491771 Loc. NAD 83: 80.7320568 Loc. NAD 27: 39491004 Loc. NAD 27: 80.731153 UTM 17 NAD 83 (m) N: 4948171.43 UTM 17 NAD 83 E: 52386.99 Pad Size: 175x90



Site Locations (NAD 27)			Site Locations (NAD 83)		
Structure	Latitude (DD)	Longitude (DD)	Structure	Latitude (DD)	Longitude (DD)
Site Entrance	39.69384130	-80.73757155	Site Entrance	39.69384130	-80.73757155
Center of Well Pad	39.69384130	-80.73757155	Center of Well Pad	39.69384130	-80.73757155

Project Contacts
Tug Hill Operating
Fossil Fuel Site - Site Development Lead
214-485-2000 EXT. 304A49-3676 Lab
304-215-9480
Clad Dubash - Construction Manager
304-215-9480
Randy Sheel - Construction Manager
504-700-3352

Site Preparation
Ketchick Kelly
304-338-4093 EXT.
John P. Sen
304-AC-8020 EXT.
Zachary Summers-Gill
304-338-4093 EXT.

Environmental
Wildlife Delineation as provided by Athlete Ecology
dated March 26, 2021

Responsible Information:
The geographic information shown herein is based on aerial photography by the Mountain Aerial Mapping, Burton, WV

MISS UTILITY OF WEST VIRGINIA
1-800-245-4448
1000 Centre Plaza, Suite 200
Martinsburg, WV 26150
www.missutility.com

811
Know what's below.
Call before you dig.

Agreement:
Tug Hill Operating will obtain an Erosion/Encroachment Permit (Form MM-109) prior to the WV Department of Transportation, Division of Highways activity as the commencement of any construction activities.

The WV Mines Website was consulted. Previous mining activities are not within the AOI.

WVDEP Website files show that there are no active and/or abandoned gas wells within the AOI.

Approach Routes:
From the intersection of WV Rt 2 and OH Rt 7 near New Martinsville, WV, Travel North on WV Rt 2 for 6.0 mi. Turn Right onto Co Rt 29 (Wetzel Hill Rd). Follow Co Rt 29 for 2.3 mi. Turn Right onto Co Rt 78 (Waynes Ridge). Follow Co Rt 78 for 0.8 mi. Turn Right onto Co Rt 29 (Barn Ridge). Follow Co Rt 29 for 2.1 mi. Turn Right onto Co Rt 29 (Coffield Rd). Follow Co Rt 29 for 1.5 mi. Continue straight onto Co Rt 17 (Coffield Ridge). Follow Co Rt 17 for 1.7 mi. Turn Left onto Co Rt 89 (Proctor Creek Rd). Follow Co Rt 89 for 0.9 mi. The site entrance will be on the Right (West) side of the road.



Well Location Restrictions:
All Pad construction complies with the following restrictions:
1) 150' from an existing well or developed spring used for human or domestic animals.
2) 25' from an existing well or developed spring used for irrigation or other non-domestic purposes.
3) 25' from any surface or ground water intake to a public water supply.
(WV Location Restrictions of WV Code 22A-1-1)

Wetzel County Commission
The following construction plans and reference diagrams attached hereto have been prepared in accordance with the West Virginia Code of Public Safety, Division of Environmental Protection, Office of Oil and Gas (20)CSR
Approved by: [Signature]
Date: 10/26/2023

Sheet	Description
1	Cover Sheet
2	Schedule of Quantities
N1-N4	Site Notes
3	Pre-Construction Site Conditions
4	Site Soil Map
5	Overall Plan View
5-6	Plan View
7, 8	Cross Sections - Well Pad
9	Cross Sections - Access Road
G1-G2	Geotechnical Exhibits
M1-M3	Landowner Disturbed Area Exhibit
S1	Site Reclamation
D1-D2	Production Exhibit
R1	Erosion and Sediment Control Details
P1	Access Road Details
	Pad Details

Date: 09/23/2023
Scale: As Shown
Designed By: ZS
File No:
Sheet 1 of 9

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WV Department of Environmental Protection

TUG HILL OPERATING

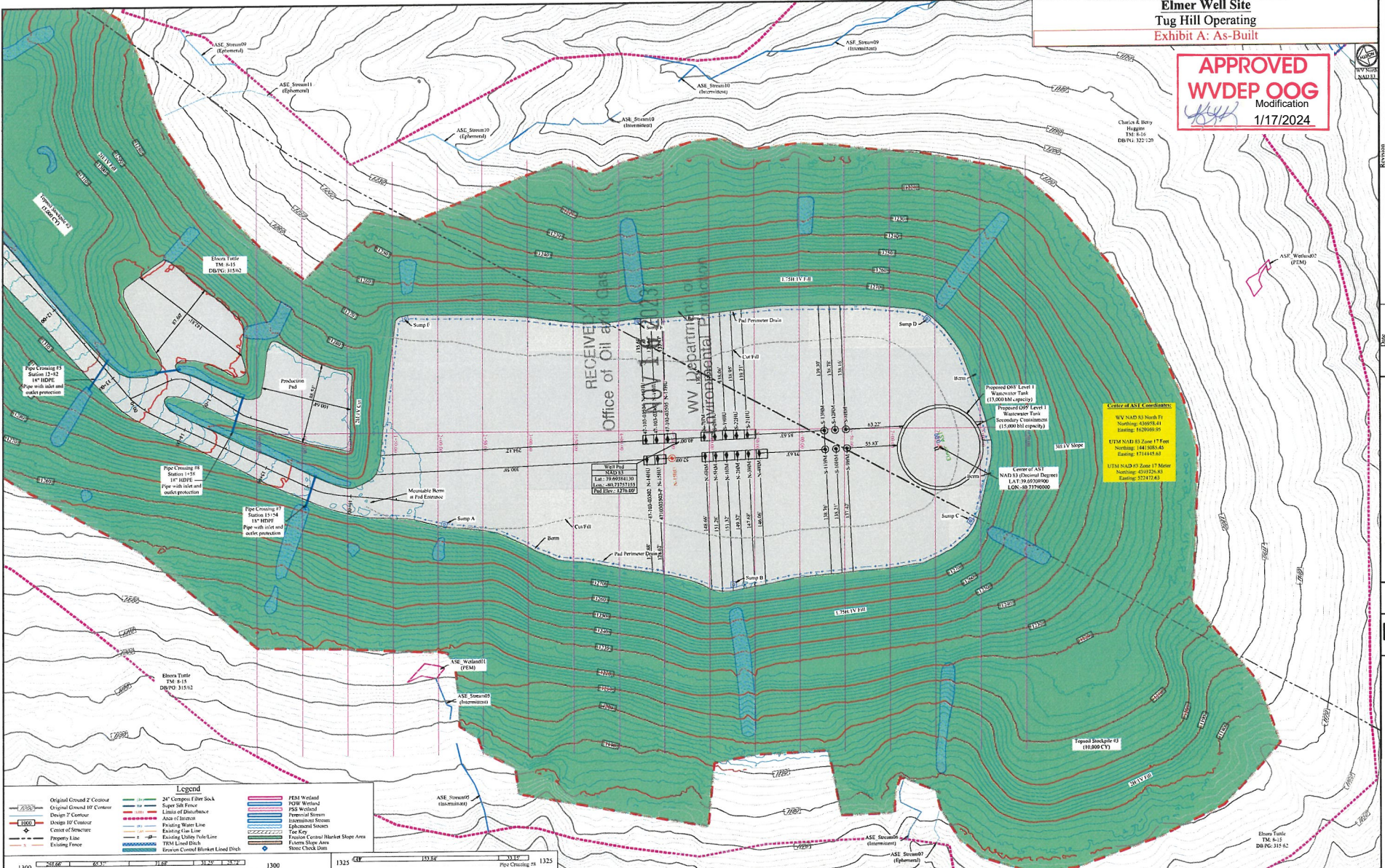
THIS DOCUMENT PREPARED FOR TUG HILL OPERATING

Elmer Well Site
Proctor District
Wetzel County, WV

Elmer Well Site
Tug Hill Operating
Exhibit A: As-Built

APPROVED
WVDEP OOG
 Modification
 1/17/2024

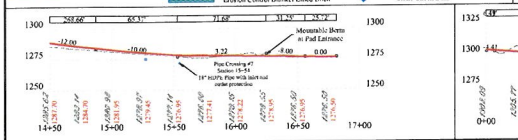
Charles E. Hory
 Tug Hill
 DB/PL 122-129



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Legend

Original Ground 2' Contour	24" Composite Fiber Sock	FEM Wetland
Original Ground 10' Contour	Super Silt Fence	PSS Wetland
Design 2' Contour	Limit of Disturbance	Area of Interest
Design 10' Contour	Area of Interest	Drainage Water Line
Center of Structure	Existing Easement Line	Existing Utility Toler Line
Property Line	FEM Limit Disk	Stream Control Blanket Load Dish
Existing Fence	Stream Control Blanket Load Dish	



Note: All surface boundary lines shown herein are based on boundary evidence collected with mapping grade GPS receivers.

Site Plan
Elmer Well Site
 Precor District
 Wetzel County, WV

TUG HILL OPERATING

THIS DOCUMENT PREPARED FOR TUG HILL OPERATING

K+S

Date: 09/21/2022
 Scale: As Shown
 Designed By: ZS
 File No:
 Sheet 6 of 9

Stephen Mccoy Digitally signed by Stephen Mccoy
 Date: 2023.11.03 08:30:26 -0400