



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

Monday, October 16, 2023
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
400 WOODLIFF DR.

CANONSBURG, PA 15317

Re: Permit Modification Approval for WILLETT S-6HM
47-051-02418-00-00

Adding a facilities 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: WILLET S-6HM
Farm Name: CNX LAND LLC
U.S. WELL NUMBER: 47-051-02418-00-00
Horizontal 6A New Drill
Date Modification Issued: 10/16/2023

Promoting a healthy environment.

10/20/2023

WEST VIRGINIA COUNTY MAP



Willett Well Site
 Site Design, Construction Plan, &
 Erosion and Sediment Control Plans
 Tug Hill Operating
 Marshall County
 Meade District
 Latitude 39.82306349°
 Longitude -80.65626349°
 Middle Fish Creek Watershed

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

Property Owner Information - Willett Well Site

Meade District, Marshall County							
Parcel	Area (Ac)	Year	Value	Owner	Address	AM	County
Parcel 1	0.1	2018	1,000	Tug Hill Operating	1234 Main St	100	Marshall
Parcel 2	0.2	2018	2,000	Tug Hill Operating	1234 Main St	100	Marshall

Exhibit A: As-Built Modification

Site Features	Corner of Well Pad	Well Pad 1	Well Pad 2	Well Pad 3
WV N 34.51217 N 48.9788 W	WV N 34.51217 N 48.9788 W	WV N 34.51217 N 48.9788 W	WV N 34.51217 N 48.9788 W	WV N 34.51217 N 48.9788 W
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Aspen Road

Stationing	Width (ft)	Right of Way (ft)	Type
1+00 to 1+50	12	24	Aspen Road

Disturbed Area

Area Type	Area (sq ft)
Well Pad Construction	1,000
Access Road Construction	2,000
Grass Removal	5,000
Grass Reestablishment	10,000
Grass Mowing	15,000
Grass Seeding	20,000
Grass Fertilization	25,000
Grass Irrigation	30,000
Grass Mulching	35,000
Grass Revegetation	40,000
Grass Stabilization	45,000
Grass Restoration	50,000
Grass Rehabilitation	55,000
Grass Renovation	60,000
Grass Repair	65,000
Grass Replacement	70,000
Grass Reinstatement	75,000
Grass Reintegration	80,000
Grass Reinsertion	85,000
Grass Reintegration	90,000
Grass Reintegration	95,000
Grass Reintegration	100,000

Willett Well Site Quantities

Item	Quantity	Unit
Grass Seed	100,000	lb
Grass Fertilizer	50,000	lb
Grass Irrigation	10,000	gal
Grass Mulch	20,000	cu yd
Grass Revegetation	30,000	sq ft
Grass Restoration	40,000	sq ft
Grass Rehabilitation	50,000	sq ft
Grass Renovation	60,000	sq ft
Grass Repair	70,000	sq ft
Grass Replacement	80,000	sq ft
Grass Reinstatement	90,000	sq ft
Grass Reintegration	100,000	sq ft

APPROVED
WVDEP OOG
 Modification
 10/16/2023



Site Location (NAD 83)			
Station	Latitude (N)	Longitude (W)	Corner of Well Pad
1	39.82306349	-80.65626349	1
2	39.82306349	-80.65626349	2

Project Contacts

Tug Hill Operating
 Contact: Mike ...
 Phone: ...
 Email: ...

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

Approach Route:
 From the intersection of WV R2 and 12th Street in Meadeville, WV. Travel South on WV R2 for 3.1 mi. Turn Left onto Ash Rd. Follow Ash Rd for 1.5 mi. Turn Right onto Co Rd 21 (Bakers Ridge Rd). Follow Co Rd 21 for 0.1 mi. Turn Left onto Co Rd 62 (New Bethel). Follow Co Rd 62 for 0.9 mi. The site entrance will be on the Right (South) side of the road.

Finalists Conditions

The WV Mines Website was consulted. Previous (Cancelled) mining activities are within the AOR.

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



Well Location Restrictions:

- All Pad construction complies with the following restrictions:
- *20' Buffer from existing well or abandoned casing used for access or utilities.
- *10' Buffer from existing building or other structure (10' Buffer may be reduced to 5' if approved by the local health department).
- *10' Buffer from the edge of disturbance for wetland, geological features, cultural or aesthetic site, or other sensitive area.
- *10' Buffer from the edge of disturbance for publicly owned lands.
- *10' Buffer of surface or ground water feature to a public water supply.

Well Location Restrictions of WV Code (21-AR-15)

21-AR-15-1. (a) No well shall be drilled, constructed, or operated in any area where the drilling, construction, or operation of the well would be likely to cause or contribute to the contamination of any aquifer or other water source.

Sheet Description

Sheet	Description
V1	Cover Sheet
N1-104	Schedule of Quantities
1	Site Notes
2	Final Construction Site Conditions
3	Site Soil Map
4	Overall Plan View
5-6	Plan View
7-8	Cross Sections - Well Pad
9	Cross Sections - Well Pad Access Road
10	Cross Sections - Well Pad Access Road Tie
11-G12	Geotechnical Exhibit
11-G1	Landscape Disturbed Area Exhibit
11	Site Reclamation
11-A1	Production Exhibit
11-D12	Erosion and Sediment Control Details
R1	Access Road Details
P1	Pad Details

TUG HILL OPERATING

THIS DOCUMENT PREPARED FOR TUG HILL OPERATING

KS

Cover Sheet
 Willett Well Site
 Meade District, WV
 Marshall County, WV

Date: 07/13/2023
 Scale: As Shown
 Drawn By: JES
 File No:
 Item 1 of 10

