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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://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-8HM  
47-051-02422-00-00

**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: WILLETT S-8HM  
Farm Name: CNX LAND LLC  
U.S. WELL NUMBER: 47-051-02422-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 10/16/2023

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	Total	Acres
Parcel 1	0.1	2018	100	Willett Well Site	Meade District	100	Marshall	100	0.1
Parcel 2	0.1	2018	100	Willett Well Site	Meade District	100	Marshall	100	0.1

**Exhibit A: As-Built Modification**

**Site Features**

Point ID	Coordinates (Easting, Northing)
1	1000000.00, 4000000.00
2	1000000.00, 4000000.00
3	1000000.00, 4000000.00
4	1000000.00, 4000000.00
5	1000000.00, 4000000.00
6	1000000.00, 4000000.00
7	1000000.00, 4000000.00
8	1000000.00, 4000000.00
9	1000000.00, 4000000.00
10	1000000.00, 4000000.00

**Corner of Well Pad**

Point ID	Coordinates (Easting, Northing)
1	1000000.00, 4000000.00
2	1000000.00, 4000000.00
3	1000000.00, 4000000.00
4	1000000.00, 4000000.00
5	1000000.00, 4000000.00
6	1000000.00, 4000000.00
7	1000000.00, 4000000.00
8	1000000.00, 4000000.00
9	1000000.00, 4000000.00
10	1000000.00, 4000000.00

**Well Pad**

Point ID	Coordinates (Easting, Northing)
1	1000000.00, 4000000.00
2	1000000.00, 4000000.00
3	1000000.00, 4000000.00
4	1000000.00, 4000000.00
5	1000000.00, 4000000.00
6	1000000.00, 4000000.00
7	1000000.00, 4000000.00
8	1000000.00, 4000000.00
9	1000000.00, 4000000.00
10	1000000.00, 4000000.00



**Aspen Road**

Stationing	Width (ft)	Grade (%)	Notes
0+00	12	0.00	Access Road
0+10	12	0.00	Access Road
0+20	12	0.00	Access Road
0+30	12	0.00	Access Road
0+40	12	0.00	Access Road
0+50	12	0.00	Access Road
0+60	12	0.00	Access Road
0+70	12	0.00	Access Road
0+80	12	0.00	Access Road
0+90	12	0.00	Access Road
1+00	12	0.00	Access Road

**Disturbed Area**

Area Type	Area (sq ft)
Well Pad	1,000
Access Road	1,000
Clearing	1,000
Grass	1,000
Wooded	1,000
Water	1,000
Other	1,000

**Willett Well Site Quantities**

Item	Quantity	Unit
Excavation	100	cu yd
Fill	100	cu yd
Grass	100	sq ft
Wooded	100	sq ft
Water	100	sq ft
Other	100	sq ft

**APPROVED WVDEP OOG Modification**  
10/16/2023



**Site Location (NAD 83)**

Station	Latitude (N)	Longitude (W)
Well Pad	39.82306349	-80.65626349
Access Road	39.82306349	-80.65626349

**Project Contacts**

**Tug Hill Operating**  
Contact: [Name], [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 (Bohannan Ridge Rd). Follow Co Rd 21 for 0.1 mi. Turn Left onto Co Rd 62 (New Bethel). Follow Co Rd 62 for 0.8 mi. The site entrance will be on the Right (South) side of the road.



**Well Location Restrictions:**

- All well construction must comply with the following restrictions:
- \*200' Buffer from existing well or abandoned spring used for human or domestic animals.
- \*100' Buffer from any occupied dwelling or any person less than 100' from the public or other persons from the center of the well.
- \*100' Buffer from the edge of disturbance or wetland, perennial stream, canal or artificial water, perennial stream.
- \*100' Buffer from the edge of disturbance for a publicly owned body of water.
- \*100' Buffer of surface or ground water feature in a public water supply.

**Final Plans Conditions**

Item	Description	Notes
1	Final Plans Conditions	As shown on these plans.
2	Final Plans Conditions	As shown on these plans.
3	Final Plans Conditions	As shown on these plans.
4	Final Plans Conditions	As shown on these plans.
5	Final Plans Conditions	As shown on these plans.
6	Final Plans Conditions	As shown on these plans.
7	Final Plans Conditions	As shown on these plans.
8	Final Plans Conditions	As shown on these plans.
9	Final Plans Conditions	As shown on these plans.
10	Final Plans Conditions	As shown on these plans.

**Sheet Description**

Sheet	Description
V1	Cover Sheet
N1-N4	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-G12	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**

**WILLETT WELL SITE**

Meade District, WV

Date: 07/13/2023  
Scale: As Shown  
Designed By: JCS  
Title: Final  
Item 1 of 10



