



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, April 1, 2024
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re: Permit Modification Approval for HUDSON S-7HM
47-051-02378-00-00

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 handwritten signature in blue ink, appearing to read 'James A. Martin', is written over a faint, larger version of the signature.

James A. Martin
Chief

Operator's Well Number: HUDSON S-7HM
Farm Name: CNX LAND LLC
U.S. WELL NUMBER: 47-051-02378-00-00
Horizontal 6A New Drill
Date Modification Issued: 4/1/2024

Promoting a healthy environment.

04/05/2024

Hudson Well Site

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

Tug Hill Operating Marshall County Meade District

Latitude 39.82881036°
Longitude -80.67262857°
Grave Creek Watershed

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

APPROVED
WVDEP OOG
MODIFICATION
4/1/2024



Property Owner Information - Hudson Well Site

Owner	TM	Parcel	Well Pad	Access Road	Topsoil Pile	AML Clearing	Total Disturbed
Robert & Melissa White	3.13	-	0.56	0.13	0.01	1.34	4.13
CNX Land LLC	3.1	6.18	1.36	1.96	1.96	17.80	23.36
Site Totals (Ac)	6.18	1.94	2.13	11.69	32.94		

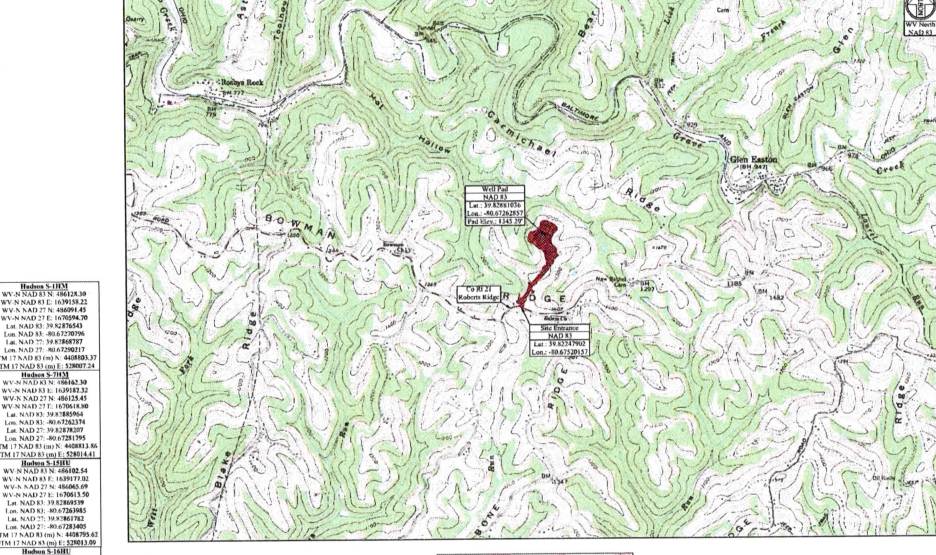
Exhibit A: As-Built

Site Entrance

WV NAD 83 N: 40344.78 WV NAD 83 E: 43589.01 WV NAD 27 N: 40340.94 WV NAD 27 E: 43589.01 Loc. NAD 83: 39.82347607 Loc. NAD 27: 80.67262857 UTM 17 NAD 83 N: 440889.49 UTM 17 NAD 83 E: 52776.96	Center of Well Pad	Center of Proposed AST
WV NAD 83 N: 40344.78 WV NAD 83 E: 43589.01 WV NAD 27 N: 40340.94 WV NAD 27 E: 43589.01 Loc. NAD 83: 39.82347607 Loc. NAD 27: 80.67262857 UTM 17 NAD 83 N: 440889.49 UTM 17 NAD 83 E: 52776.96	WV NAD 83 N: 40344.17 WV NAD 83 E: 43589.01 WV NAD 27 N: 40340.94 WV NAD 27 E: 43589.01 Loc. NAD 83: 39.82347607 Loc. NAD 27: 80.67262857 UTM 17 NAD 83 N: 440889.49 UTM 17 NAD 83 E: 52776.96	WV NAD 83 N: 40344.17 WV NAD 83 E: 43589.01 WV NAD 27 N: 40340.94 WV NAD 27 E: 43589.01 Loc. NAD 83: 39.82347607 Loc. NAD 27: 80.67262857 UTM 17 NAD 83 N: 440889.49 UTM 17 NAD 83 E: 52776.96

Well Pad

Well Pad	Well Pad	Well Pad	Well Pad	Well Pad
Hudson S-01M WV NAD 83 N: 40344.78 WV NAD 83 E: 43589.01 WV NAD 27 N: 40340.94 WV NAD 27 E: 43589.01 Loc. NAD 83: 39.82347607 Loc. NAD 27: 80.67262857 UTM 17 NAD 83 N: 440889.49 UTM 17 NAD 83 E: 52776.96	Hudson S-02M WV NAD 83 N: 40344.17 WV NAD 83 E: 43589.01 WV NAD 27 N: 40340.94 WV NAD 27 E: 43589.01 Loc. NAD 83: 39.82347607 Loc. NAD 27: 80.67262857 UTM 17 NAD 83 N: 440889.49 UTM 17 NAD 83 E: 52776.96	Hudson S-03M WV NAD 83 N: 40344.17 WV NAD 83 E: 43589.01 WV NAD 27 N: 40340.94 WV NAD 27 E: 43589.01 Loc. NAD 83: 39.82347607 Loc. NAD 27: 80.67262857 UTM 17 NAD 83 N: 440889.49 UTM 17 NAD 83 E: 52776.96	Hudson S-04M WV NAD 83 N: 40344.17 WV NAD 83 E: 43589.01 WV NAD 27 N: 40340.94 WV NAD 27 E: 43589.01 Loc. NAD 83: 39.82347607 Loc. NAD 27: 80.67262857 UTM 17 NAD 83 N: 440889.49 UTM 17 NAD 83 E: 52776.96	Hudson S-05M WV NAD 83 N: 40344.17 WV NAD 83 E: 43589.01 WV NAD 27 N: 40340.94 WV NAD 27 E: 43589.01 Loc. NAD 83: 39.82347607 Loc. NAD 27: 80.67262857 UTM 17 NAD 83 N: 440889.49 UTM 17 NAD 83 E: 52776.96



WV State Plane Coordinate System
North Zone, NAD 83
Elevation Based on NAVD83
Established by Survey Grade GPS
and OPLS Field Processing

Access Road		Disturbed Area	
Weather	Temp	Well Pad Construction	Access Road Construction
Robert & Melissa White	4.13	1.36	1.36
CNX and LLC	3.13	9.76	9.76
CNX Land LLC	3.1	1.96	1.96
Total	10.36	13.08	13.08

Hudson Well Site Quantities

Description	Quantity	Unit	Notes
Well Pad Access Road	1,824.24	sq ft	244.50 sq ft (13.3%)
Well Pad Access Road Grading	1,824.24	sq ft	244.50 sq ft (13.3%)
Access Road Top	1,824.24	sq ft	244.50 sq ft (13.3%)
Access Road Bottom	1,824.24	sq ft	244.50 sq ft (13.3%)
Topsoil	1,824.24	cu yd	244.50 cu yd (13.3%)
Gravel	1,824.24	cu yd	244.50 cu yd (13.3%)
Fill	1,824.24	cu yd	244.50 cu yd (13.3%)
Total	1,824.24	sq ft	244.50 sq ft (13.3%)

Project Contacts

Tug Hill Operating
Jonathan White - Regulatory Analyst
734-445-2000 (Ext. 304) or 734-445-2000
(Email) jwhite@tughill.com
John P. See
304-842-0220 (Ext. 304)

Surveys and Engineer
Kearney Kelly
304-776-0925 (Ext. 304)
John P. See
304-842-0220 (Ext. 304)

Tag Hill Operating, LLC
40 Southpointe Blvd.
Southpointe Plaza B1, Suite 200
Cranberry, PA 15117

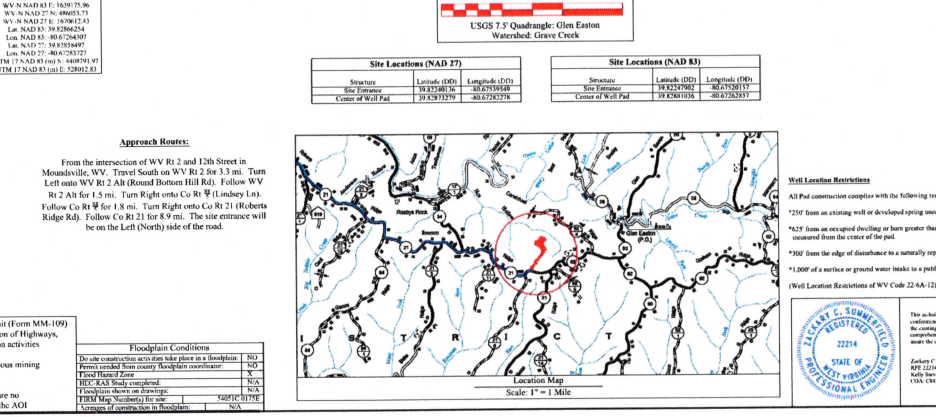
Environmental
Watershed delineation as provided by Arthur Folegny
dated November 6, 2018

Topographic Information:
The topographic information shown herein is based on aerial photography by Blue Mountain Aerial Mapping, Inc., WV

MISS UTILITY OF WEST VIRGINIA
1-800-245-8484
West Virginia State Land
Division
1000 Capitol Ave., S.W.
Charleston, WV 25305
www.wv.gov

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

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



RECEIVED
Office Of Oil and Gas
FEB 27 2024

WV Department of Environmental Protection

COVER SHEET
Hudson Well Site
Meade District, WV
Marshall County, WV

3/19/2024

Sheet	Description
V1	Cover Sheet
NI-N4	Schedule of Quantities
1	Site Notes
2	Pre-Construction Site Conditions
3	Site Soil Map
4	Overall Plan View
5-7	Plan View
8-9	Cross Sections - Well Pad
10-11	Cross Sections - Access Road
Q1-Q2	Geotechnical Exhibit
L1	Landowner Disturbed Area Exhibit
L2	Site Reclamation
M1-M3	Production Exhibit
D1-D2	Erosion and Sediment Control Details
R1	Access Road Details
P1	Pad Details

DATE: 03/04/2021
SCALE: AS SHOWN
DESIGNED BY: J.S.
FILE NO:
SHEET 1 OF 11

TUG HILL OPERATING

THIS DOCUMENT PREPARED FOR TUG HILL OPERATING

K&S SURVEYING
A Division of
K&S CONSULTANTS, INC.

Hudson Well Site
Meade District, WV
Marshall County, WV

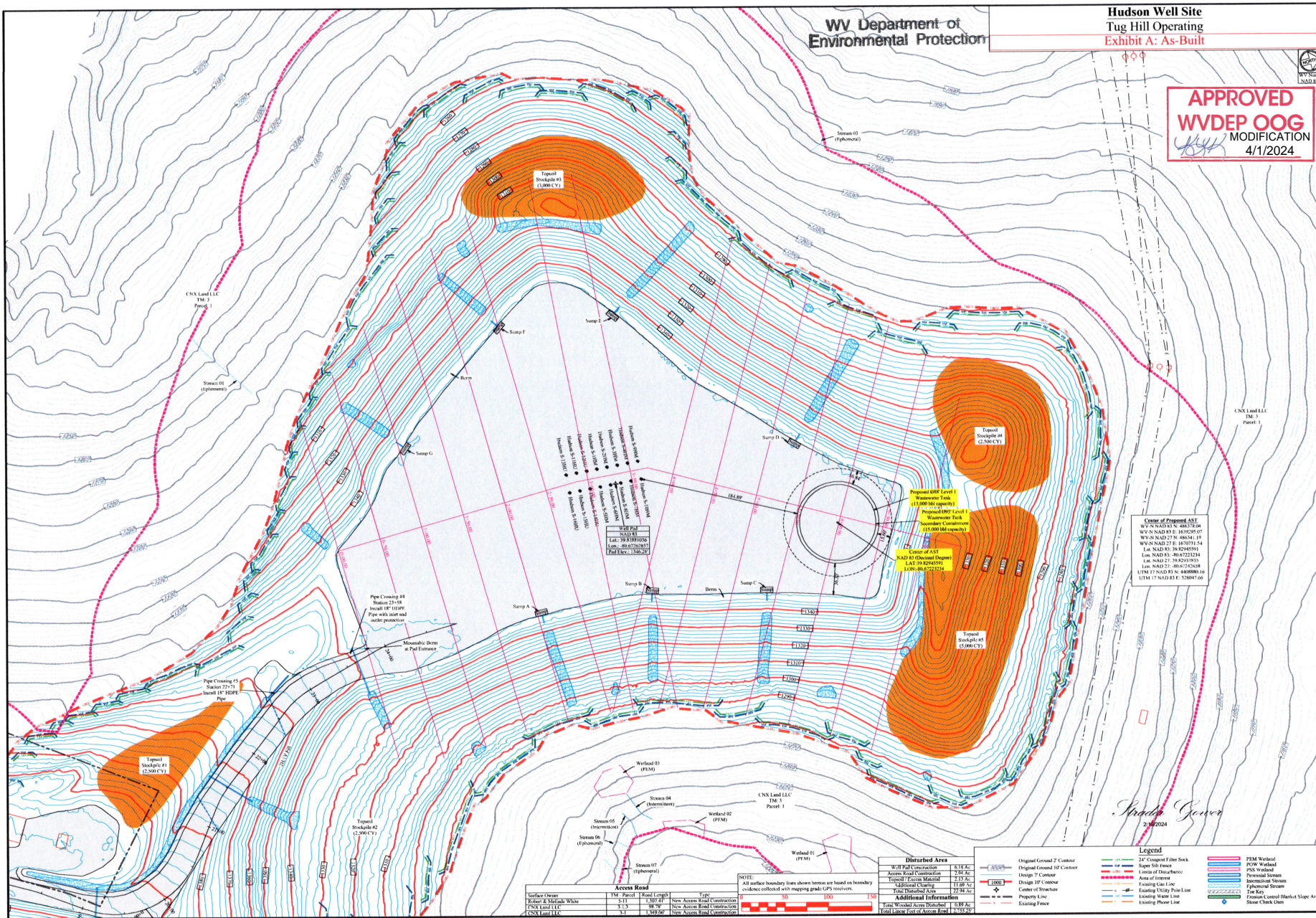
3/19/2024

FEB 27 2024

WV Department of
Environmental Protection

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

APPROVED
WVDEP OOG
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4/1/2024



SECTION: AS-Built - Proposed ASST Location

DATE: 03/04/2024

TUG HILL OPERATING

THIS DOCUMENT PREPARED FOR TUG HILL OPERATING

K-Surveying

Site Plan
Hudson Well Site
Menafe District
Marshall County, WV

Date: 03/04/2024
Scale: As Shown
Designed By: ZS
File No:
Sheet 7 of 11