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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)

Wednesday, October 22, 2025  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

CNX GAS COMPANY LLC  
1000 HORIZON VUE DR.

CANONSBURG, PA 15370

Re: Permit Modification Approval for MAJ8 FHSM  
47-051-02547-00-00

Extended lateral

CNX GAS COMPANY LLC

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 black ink, reading "Jason Harmon".

H. Jason Harmon  
Acting Chief

Operator's Well Number: MAJ8 FHSM  
Farm Name: JOHN S KUTIS AND SYLVIA M KUTIS, TRUSTEES  
U.S. WELL NUMBER: 47-051-02547-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 10/22/2025

Promoting a healthy environment.

10/24/2025

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

1) Well Operator: CNX GAS COMPANY LLC 494458046 MARSHALL WEBSTER MAJORSVILLE  
Operator ID County District Quadrangle

2) Operator's Well Number: MAJ8FHSM Well Pad Name: MAJ8

3) Farm Name/Surface Owner: JOHN S. KUTIS, ET UX., ET AL. Public Road Access: LONE OAK RD

4) Elevation, current ground: 1190.50 Elevation, proposed post-construction: \_\_\_\_\_

5) Well Type (a) Gas X Oil \_\_\_\_\_ Underground Storage \_\_\_\_\_

Other \_\_\_\_\_

(b) If Gas Shallow X Deep \_\_\_\_\_

Horizontal X \_\_\_\_\_

6) Existing Pad: Yes or No NO

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Target formation is Marcellus Shale @ 6,603' - 6,652 TVD, 49' thick, expected formation pressure ~4600 psi

8) Proposed Total Vertical Depth: 6,603' TVD at TD, depending on formation dip

9) Formation at Total Vertical Depth: Marcellus Shale (will not penetrate Onondaga)

10) Proposed Total Measured Depth: 21,754' MD at TD

11) Proposed Horizontal Leg Length: 13,765'

12) Approximate Fresh Water Strata Depths: 55', 344'

13) Method to Determine Fresh Water Depths: Utilizing offset well data and nearby features

14) Approximate Saltwater Depths: 1347', 1502'

15) Approximate Coal Seam Depths: 422'-424', 425'-428', 622'-626', 702'-704', 705'-710', 1,107'-1,108', 1,311'-1,312', 1,387'-1,388', 1,459'-1,461'

16) Approximate Depth to Possible Void (coal mine, karst, other): 705'-710' is in Mine Pillar

17) Does Proposed well location contain coal seams  
directly overlying or adjacent to an active mine? Yes X No \_\_\_\_\_

(a) If Yes, provide Mine Info: Name: OHIO COUNTY MINE

Depth: Pittsburgh #8 coal seam bottom depth 710'

Seam: PITTSBURGH #8 SEAM

Owner: OHIO COUNTY COAL RESOURCES, INC.

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Office of Oil and Gas

OCT 02 2025

WV Department of  
Environmental Protection

*Strader Gower*  
9/17/2025

WW-6B  
(04/15)

API NO. 47- 051 - 02547

OPERATOR WELL NO. MAJ8FHSM

Well Pad Name: MAJ8

18)

**CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20	New	L/S	<94	69	40	150 / CTS
Fresh Water	13.375	New	J-55	54.5	1,142	1,113	935 / CTS
Coal	13.375	New	J-55	54.5	1,142	1,113	935 / CTS
Intermediate	9.625	New	J-55	36	2,273	2,244	760 / CTS
Production	5.5	New	P-110	20	21,754	21,725	4672 TOC @ 2073'
Tubing	2.375	New	J-55	4.7	Above assumes RF = 29'	TBD	N/A
Liners	N/A						

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20	30	.375	N/A	N/A	Type 1	1.18
Fresh Water	13.375	17.5	.380	2,730	<500	Class A	1.19
Coal	13.375	17.5	.380	2,730	<500	Class A	1.19
Intermediate	9.625	12.25	.352	3,520	<2,815	Class A	1.19
Production	5.5	8.75 x 8.5	.361	14,340	~11,000	Class A or H	1.10
Tubing	2.375	N/A	.190	7,700	N/A	N/A	N/A
Liners							

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**PACKERS**

WV Department of  
Environmental Protection

Kind:	N/A			
Sizes:				
Depths Set:				

*Strader Gower*  
9/17/2025

WW-6B  
(10/14)

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WV Department of  
Environmental Protection

API NO. 47-051 - 02547

OPERATOR WELL NO. MAJ8FHSM

Well Pad Name: MAJ8

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Utilize conductor rig to set 20" conductor into solid rock and cement back to surface. MIRU drilling rig. Air drill 17-1/2" hole. Run and cement 13-3/8" fresh water casing. Note that the FW/coal casing will be set just above elevation - the casing will NOT be set below ground level (setting depth to isolate sloughing formations and red beds below the Pittsburgh Coal Seam). Air drill 12-1/4" hole. Run and cement 9-5/8" intermediate casing. Air drill 8-3/4" production hole to curve KOP (this section is typically directionally drilled with a slant/tangent profile for anti-collision and for lateral spacing). Displace hole with 12.0-12.8 ppg SOBM. Drill 8-1/2" curve from KOP to landing point. Continue drilling 8-1/2" lateral to TD (geosteer this section to remain in Marcellus target window). Perform clean-up cycle to condition well. Run and cement 5-1/2" production casing. Suspend well and skid to next well or RDMO drilling rig.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Test production casing and toe prep well. MIRU stimulation/hydraulic fracturing equipment. Fracture well by pumping required number of stages utilizing plug-and-perf method. Max anticipated treating pressure is ~11,000 psi and max anticipated treating pump rate is ~100 bpm. Number of stages and stage spacing to be finalized after drilling. After last stimulation stage, drill out frac plugs and clean-out well to PBTD. Flow back and clean-up well. Tie well into production. Run tubing when required.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 13.03 acres

22) Area to be disturbed for well pad only, less access road (acres): 13.03 acres

23) Describe centralizer placement for each casing string:

Fresh water string: centralize shoe joint and every other joint to surface - utilize bow spring centralizers. Intermediate string: centralize shoe joint and every 3rd joint to surface - utilize rigid/bow spring centralizers. Production string: centralize every joint from shoe to TOC - utilize single piece/rigid bow centralizers. Actual centralizer placement may be changed based on hole conditions.

24) Describe all cement additives associated with each cement type:

Fresh water/coal string: Class A cement with 1%-3% CaCl<sub>2</sub> and 1/4 pps cello-flake/LCM. Intermediate string: Class A cement with 0%-2% CaCl<sub>2</sub> and 1/4 pps cello-flake/LCM. Production string: Class A or H cement or Class H: Poz blend with dry blend and/or liquid additives including retarder, suspension agent, gas block, defoamer, fluid loss control, extender, dispersant, anti-settling agent. Actual cement blends may vary slightly depending upon cementing service company utilized.

25) Proposed borehole conditioning procedures:

Air sections are typically vertical holes - will ensure the hole is clean at section TD prior to TOOH to run casing (may require mist and/or soap to clean the hole). For the production hole - once at TD, circulate at max flowrate with max rotation until the shakers clean-up (typically requires multiple bottoms-up). For the production casing - once on bottom with casing, circulate a minimum of one hole volume prior to pumping cement.

\*Note: Attach additional sheets as needed.

*Strader Gower*  
9/17/2025

Page 2 of 2  
10/24/2025





OCT 02 2025

WV Department of  
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**DRILLING WELL PLAN**  
**MAJ-8F-HSM (Marcellus HZ)**  
**Marcellus Shale Horizontal**  
**Marshall County, WV**

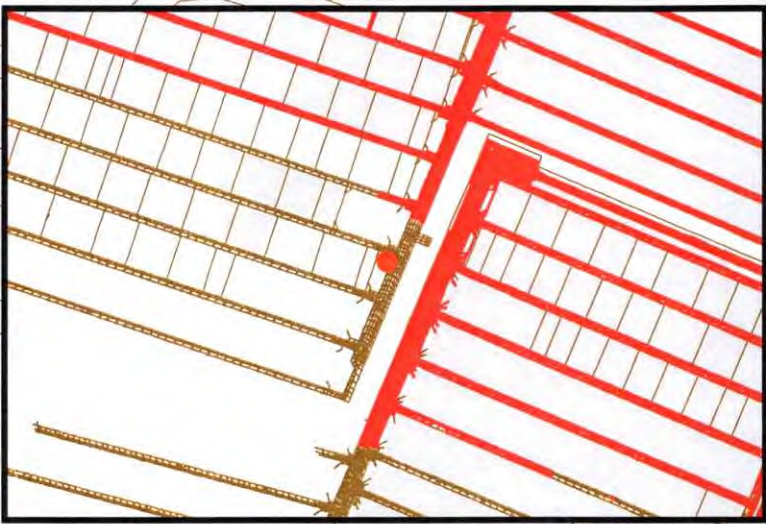
				MAJ-8F-HSM SHL			N 521695.07, E 1698799.28 (NAD27)			
Ground Elevation	1190.5' GL Elevation			MAJ-8F-HSM LP			N 523349.12, E 1701240.78 (NAD27)			
Azimuth	143.24°			MAJ-8F-HSM BHL			N 512323.06, E 1709478.68 (NAD27)			
WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	Tops (RKB)		MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
				MD	MD					
	24"	20" L/S	Soil and Rock			AIR	To Surface	N/A	N/A	Stabilize surface fill/soil
			Conductor	69	69					
	17-1/2"	13-3/8" 54.5# J-55 BTC	DFGW		344	AIR / FW Mist	15.8 ppg Class A + 1% to 3% CaCl2 + 1/4 pps Flake 20% OH Excess Yield = 1.19 TOC @ surface	Centralize every 3rd joint from shoe to surface  Bow spring centralizers	Ensure the hole is clean at section TD	Set through fresh water zones Set through coal zones Cemented to surface  13-3/8" shoe NOT to be set deeper than ground level
			Waynesburg Coal		450					
			Pittsburgh Coal (Solid)		733					
			FW/Coal Casing	1,142	1,142					
	12-1/4"	9-5/8" 36.0# J-55 LTC	Upper Kittanning Coal		1,339	AIR / Soap	15.8 ppg Class A + 0% to 2% CaCl2 + 1/4 pps Flake 20% OH Excess Yield = 1.19 TOC @ surface	Centralize every 3rd joint from shoe to surface  Bow spring centralizers	Soap the hole as needed and ensure the hole is clean at section TD	Set through potential salt water zones Cemented to surface  Casing to be set ~200'-250' below the Big Injun base
			Lower Kittanning Coal		1,415					
			Clarion Coal		1,487					
			Big Lime		1,694					
			Big Injun Sand		1,762					
			Gantz		2,154					
			50 Foot		2,269					
			Intermediate Casing	2,273	2,273					
	8-3/4" Tangent  8-1/2" Curve & Lateral	5-1/2" 20.0# P-110 VAR				AIR  12.0-12.5 ppg SOBM	15.0 ppg Class A 50:50 Poz with additives (retarder, suspension agent, gas block, defoamer, fluid loss, extender, etc.)  10% OH Excess Yield = 1.07  TOC @ >= 200' above 9-5/8" shoe	Centralize every joint from shoe to KOP - TOC  Single-piece/rigid bow centralizers	Once at TD, circulate at max flowrate with max rotation until shakers clean-up (typically requires multiple bottoms-up)  Once on bottom with casing, circulate a minimum of one hole volume prior to pumping cement	Note: For all strings, actual centralizer placements may be changed due to hole conditions  Note: For all strings, actual cement blends may vary slightly depending upon service company utilized
			Gordon		2,633					
			Fifth		2,840					
			Bradford		4,459					
			Elks		4,767					
			Rhinestreet		5,835					
			Burkett		6,441					
			Tully		6,462					
			Hamilton		6,488					
			Marcellus		6,599					
Production Casing			21,754	6,624						

LP @ +/- 7989' MD  
6632' TVD

8-3/4" x 8-1/2" Hole - Cemented Long String  
5-1/2" 20.0# P-110 VAR

+/- 13765' Lateral

TD @ +/- 21754' MD  
6632' TVD



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199 ft

160 ft

MAJ8FHSM

Ohio County Mine

Legend

- Well Location
- Mine Workings
- Mined Out



0 12.5 25 50 75 100 feet 1 inch = 100 feet	
Date: 2/24/2025	Prepared By: GIS
Revisions:	Approved By:
This map is property of CNX Resources Corp. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent.	

CNX

10/24/2025  
MAJ8FHSM  
Mine Map





## MAJ8 Pad Frac - SOG Review

In accordance with WVDEP 35CSR8 Section 5.11, all known shallow oil and gas (SOG) wells have been identified within a 500' radius of the MAJ8 pad that lies in Marshall County, West Virginia. All known wells within the Area of Review (AOR) have been reviewed and are provided in a list below (Figure 1) that includes API, Well Name, Current Operator (from Enverus), Well Type, Completion Formation, Current Status, Total Depth, State, County, Latitude, and Longitude, if available.

The Marcellus Shale of the Webster District of Marshall County area is found at an approximate True Vertical Depth (TVD) of 6800'. In this area, there are nine horizontal wells that produced from formations within the Zone of Influence (within 1500' vertically from the Marcellus Shale). Based on our experience with frac communication and shallow wells, barring any cement issues that would allow annular migration, no geologic conditions appear to exist that are suspect for frac communication. Based on a review of 3D seismic and favorable offset geosteering results, CNX Geology feels it highly unlikely for communication to occur with any wells producing in the area above the MAJ8 Pad.

The current hypothesis for SOG Communication is that Marcellus frac fluids and pressure intersect and migrate upwards through adjacent faulting that acts as a conduit for upward migration and intersection with high permeability reservoirs. The Big Injun is the primary reservoir in the MAJ8 area and is very shallow. Geomechanical / stress data was collected from a nearby pad, (Figure 3), which is the type log for the area. Frac modeling (Figure 4) of the Marcellus in the area does not show significant upward frac growth.

CNX plans to monitor all CNX-owned Marcellus wells that lie within 500' of the MAJ8 laterals and utilize the Production Control Room (PCR) to set up alarms via CygNet for any abrupt casing pressure or water rate changes. Those variances are outlined below. If the CNX PCR receives an alarm, the process is to notify the production foreman and production engineer responsible for the pad so that they can analyze if a frac hit is imminent, or if the alarm is of little to no concern. Should a communication event occur that triggers WVDEP notification requirements, CNX will follow §35-8-9 (9.3.c).

- 20% positive or negative rate of change for hourly water log period
- 10% positive or negative rate of change for casing pressure over a period of 30 minutes

Well Name/API	Formation	Operator	Orientation	Within Zone of Influence	TVD Depth (ft)
RHL37D (37-059-28156)	Marcellus Shale	CNX	Horizontal	Yes	6943



**MAJ8 Pad Risk Assessment Review**      Wednesday, September 24, 2025

Eight (8) 3<sup>rd</sup> Party laterals lie within 500' of the MAJ8 laterals that penetrate the Zone of Influence (1500' above or below the target Marcellus.

Well Name/API	Formation	Operator	Orientation	Within Zone of Influence	TVD Depth (ft)
Neehouse 1 (47-051-01224)	Marcellus	EQT	Horizontal	Yes	6789
WEB4MHS (47-051-01550)	Marcellus	WINCORAM	Horizontal	Yes	6705
Craig Strobe MSH 3H (47-051-01743)	Marcellus	EXPAND ENERGY	Horizontal	Yes	6611
Michael Dunn MSH 210H (47-051-01600)	Marcellus	EXPAND ENERGY	Horizontal	Yes	6851
Michael Dunn MSH 6H (47-051-01582)	Marcellus	EXPAND ENERGY	Horizontal	Yes	6875
Doman 2H (47-051-01519)	Marcellus	EQT	Horizontal	Yes	6978
Michael Dunn MSH 8H (47-051-01563)	Marcellus	EXPAND ENERGY	Horizontal	Yes	6877
Michael Dunn MSH 10H (47-051-01581)	Marcellus	EXPAND ENERGY	Horizontal	Yes	6875

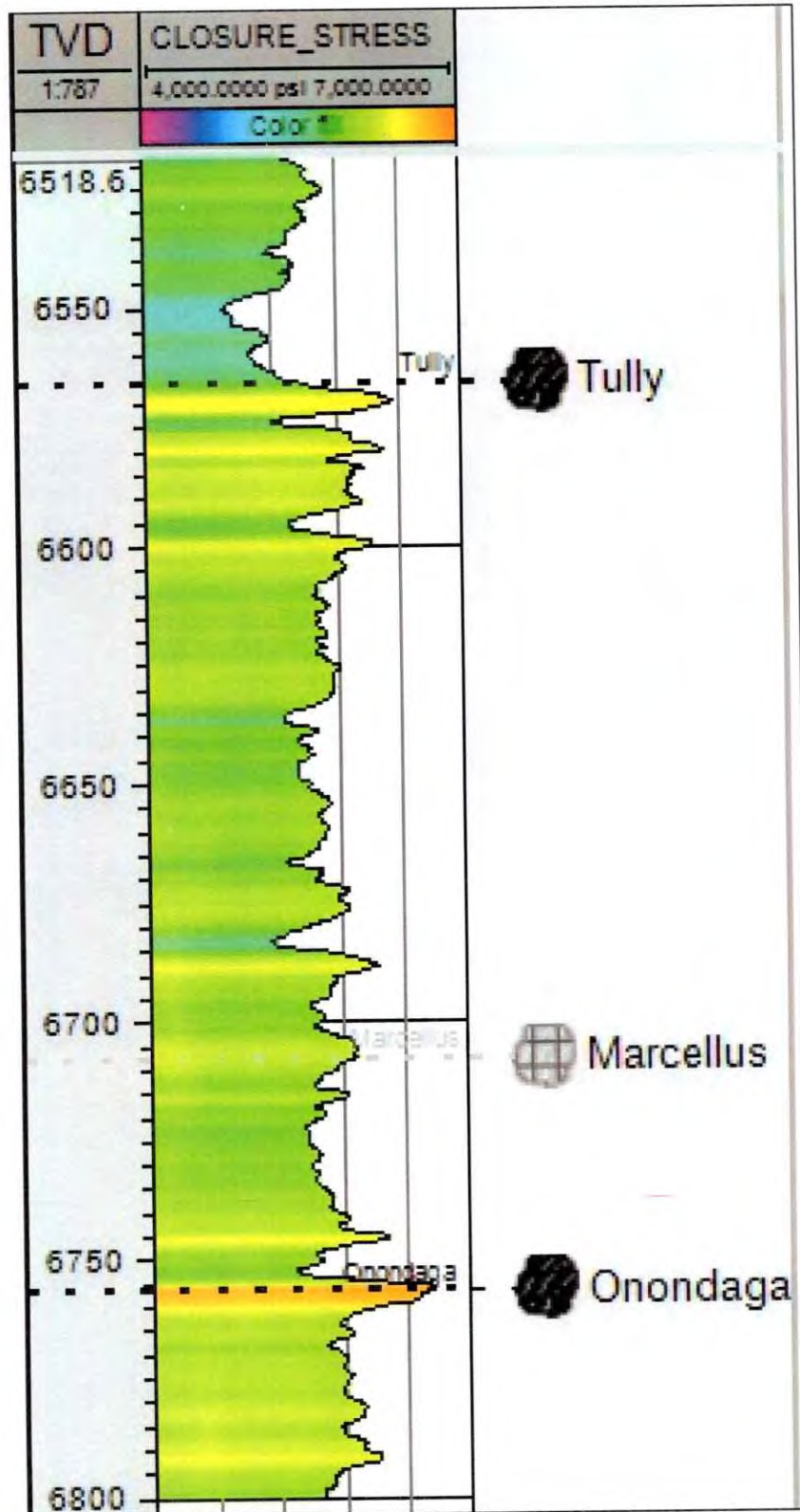
**Figure 1.** Fourteen (14) oil and gas wells lie within a 500' buffer around the MAJ8 pad. Eight (8) of them are Plugged and Abandoned, Two (2) are Inactive, Four (4) are producing. Several are Marcellus penetrations.

API Number	Well Name	Operator	Well Type	Formation	Status	State	County	Latitude	Longitude	TVD Feet
4705100336	BLAKE, JUANITA 5266	CONSOL PENNSYLVANIA COAL COMPANY LLC	STORAGE	BIG INJUN (PRICE&EQ)	P & A	WV	MARSHALL	39.919368	-80.556533	1958
4705100336	BLAKE, JUANITA 5266	CONSOL PENNSYLVANIA COAL COMPANY LLC	STORAGE	BIG INJUN (PRICE&EQ)	P & A	WV	MARSHALL	39.919368	-80.556533	1958
4705100336	BLAKE, JUANITA 5266	CONSOL PENNSYLVANIA COAL COMPANY LLC	STORAGE	BIG INJUN (PRICE&EQ)	P & A	WV	MARSHALL	39.919368	-80.556533	1958
4705100684	DUNN, RAYMOND L 1	WHITMAN OIL & GAS CORP	GAS	RHINESTREET SH	P & A	WV	MARSHALL	39.895699	-80.558416	5418
4705101164	NEEHOUSE, LEO MC111	CONSOLIDATION COAL COMPANY	CBM	PITTSBURGH COAL	P & A	WV	MARSHALL	39.922495	-80.581271	1140
4705101165	NEEHOUSE, LEO MC111	CONSOLIDATION COAL COMPANY	CBM	PITTSBURGH COAL	P & A	WV	MARSHALL	39.922495	-80.581271	1140
4705101165	NEEHOUSE, LEO MC111A	CONSOLIDATION COAL COMPANY	CBM	PENNSYLVANIAN SYSTEM	P & A	WV	MARSHALL	39.921512	-80.58254	825
4705101165	NEEHOUSE, LEO MC111A	CONSOLIDATION COAL COMPANY	CBM	PENNSYLVANIAN SYSTEM	P & A	WV	MARSHALL	39.921512	-80.58254	825
4705101224	NEEHOUSE 1	EQT	OIL & GAS	MARCELLUS SHALE	INACTIVE PRODUCER	WV	MARSHALL	39.919055	-80.573556	6789
4705101563	MICHAEL DUNN MSH 8H	EXPAND ENERGY	GAS	MARCELLUS SHALE	PRODUCING	WV	MARSHALL	39.897108	-80.554056	6877
4705101581	MICHAEL DUNN MSH 10H	EXPAND ENERGY	GAS	MARCELLUS SHALE	PRODUCING	WV	MARSHALL	39.897144	-80.554032	6875
4705101582	MICHAEL DUNN MSH 8H	EXPAND ENERGY	GAS	MARCELLUS SHALE	PRODUCING	WV	MARSHALL	39.897144	-80.554045	6875
4705101600	MICHAEL DUNN MSH 210H	EXPAND ENERGY	GAS	MARCELLUS SHALE	PRODUCING	WV	MARSHALL	39.897225	-80.554019	6851
4705170056	1	SOUTH PENN OIL (S. PENN NAT. GAS)	DRY HOLE	BIG INJUN (UNDIFF)	INACTIVE COMPLETED	WV	MARSHALL	39.930134	-80.559167	2651



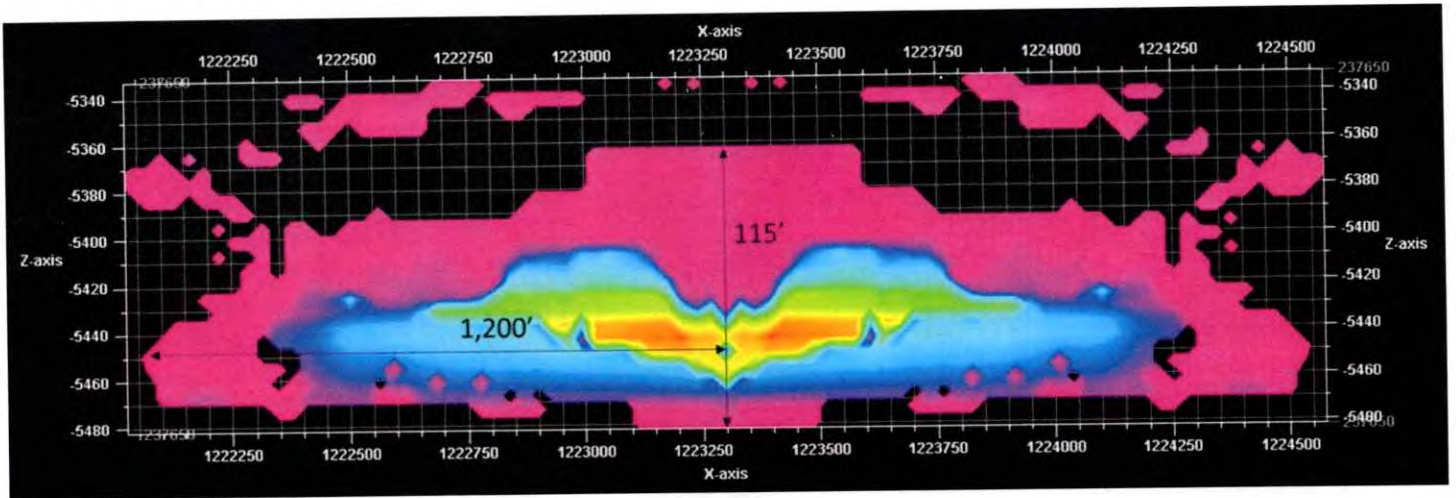


**Figure 3.** Stratigraphic intervals of high stress should serve as adequate confining layers, or frac barriers, for a Marcellus frac, as seen below in the Stress Profile log below.

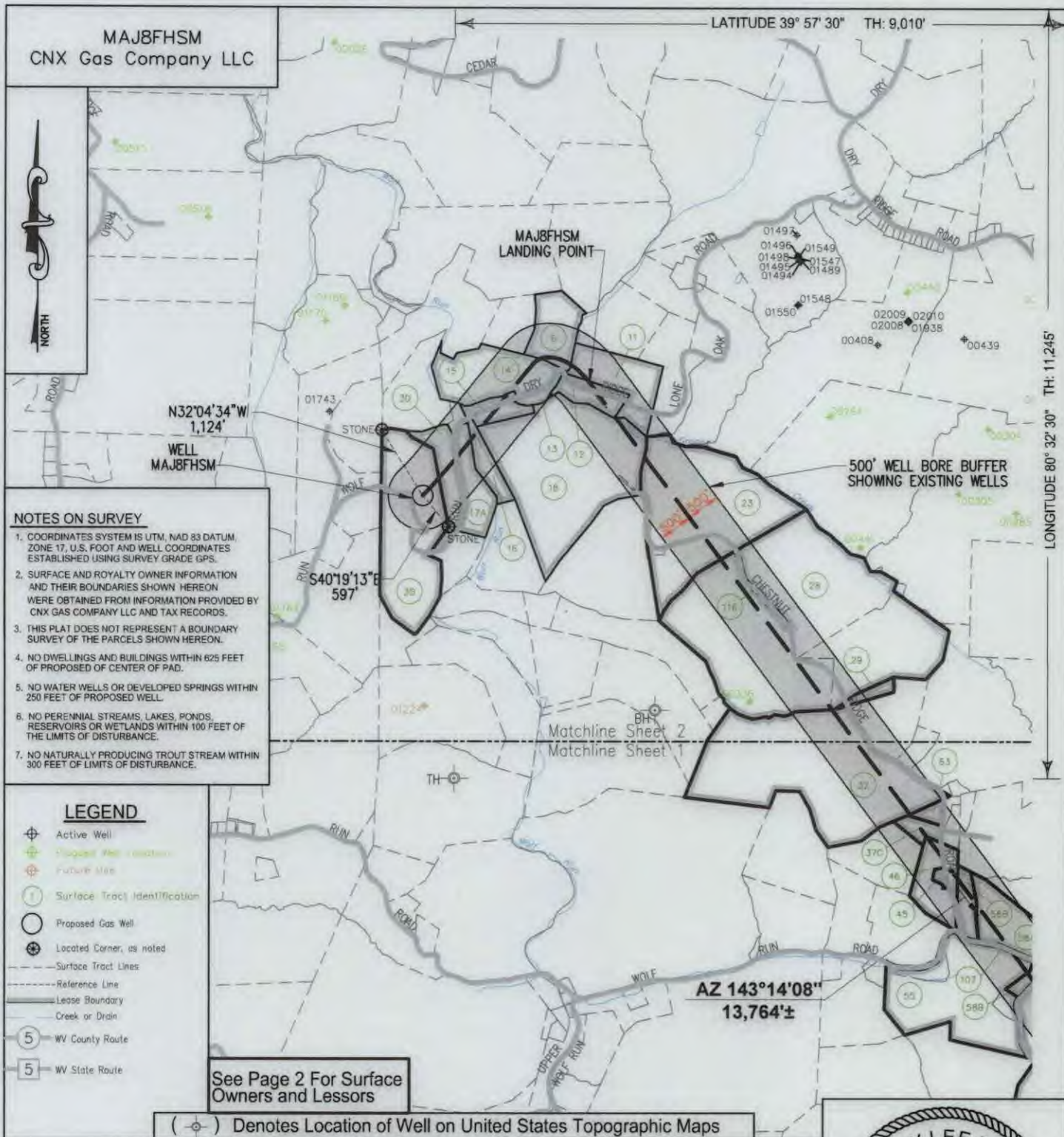




**Figure 4.** Stratigraphic intervals of high stress should serve as adequate frac barriers for a Marcellus frac. The frac modeling example below is for this area, which yields a frac height of approximately 115'.







KEYSTONE CONSULTANTS, LLC

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

TERRY LEE ROWE  
LICENSED  
No. 2394  
STATE OF WEST VIRGINIA  
PROFESSIONAL SURVEYOR

SEAL

FILE NO:  
DRAWING NO:  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: 1:2500  
PROVEN SOURCE OF ELEVATION: NGS CORS Station

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL & GAS DIVISION

DATE: SEPTEMBER 25 20 25  
OPERATORS WELL NO:  
API WELL NO  
47 - 051 - 02547  
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL  
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW  
LOCATION ELEVATION: 1190.7' WATERSHED: Upper Wheeling Creek QUADRANGLE: Majorsville  
DISTRICT: Webster COUNTY: Marshall  
SURFACE OWNER: John S. Kutis and Sylvia M. Kutis, Trustees of the John and Sylvia Kutis 2020 Irrevocable Trust dated March 12, 2020 ACREAGE: 53.20 ±  
ROYALTY OWNER: John and Sylvia Kutis 2020 Irrevocable Trust, dated 03/12/2020 LEASE NO: 192678000 ACREAGE: 53.20 ±  
PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION  
☐ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH:TVD: 6,632'


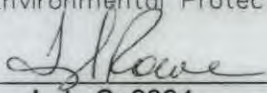



WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora  
ADDRESS: 1000 Horizon Vue Drive ADDRESS: 111 Avondale Road  
Canonsburg, PA 15317 Fairmont, WV 26554

10/24/2025







MAJ8FHSM CNX Gas Company LLC		PAGE 3 OF 7	
TRACT ID	SURFACE OWNER	LESSOR	PIN
3B	John S. & Sylvia M. Kutis Irrevocable Trust	John S. Kutis and Sylvia M. Kutis, a/k/a Sylvia M. Kutis, h/w	15-10-1
		Chevron U.S.A., Inc.	
		Chevron U.S.A., Inc.	
		Chesapeake Appalachia, LLC.	
		StatOil USA Onshore Properties Inc.	
		SWN Exchange Titleholder, LLC	
		StatOil USA Onshore Properties Inc.	
		SWN Production Company, LLC	
		Equinor USA Onshore Properties Inc.	
		Equinor USA Onshore Properties Inc.	
		SWN Production Company, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
3D	John S. & Sylvia M. Kutis Irrevocable Trust	John S. Kutis and Sylvia M. Kutis, a/k/a Sylvia M. Kutis, h/w	15-6-41
		Chevron U.S.A., Inc.	
		Chevron U.S.A., Inc.	
		Chesapeake Appalachia, LLC.	
		StatOil USA Onshore Properties Inc.	
		SWN Exchange Titleholder, LLC	
		StatOil USA Onshore Properties Inc.	
		SWN Production Company, LLC	
		Equinor USA Onshore Properties Inc.	
		Equinor USA Onshore Properties Inc.	
		SWN Production Company, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
6	Kenneth Roger Bush, et al	Lloyd Bush and Charlotte Bush, his wife	15-6-35
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company LLC	
		Noble Energy, LLC	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
11	Russell E. Fish Jr., et al	Albert Gray, Minnie B. Gray, Robert L. Gray, Violet A. Gray, Ethelynn McClure and Eugene McClure, her husband, Arthur Gray and Wanda Gray, his wife, Ross A. Gray and Lena B. Gray, his wife, and Mae Fish	15-6-37
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company LLC	
		Noble Energy, LLC	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
12	Kenneth Roger Bush, et al	Kenneth Bush and Garnet Bush, his wife	15-6-38
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company LLC	
		Noble Energy, LLC	
		HG Energy II Appalachia, LLC	
		I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.  L. L. S. 2394	
FILE NO: DRAWING NO: SCALE: 1" = 1000' MINIMUM DEGREE OF ACCURACY: 1:2500 PROVEN SOURCE OF ELEVATION: NGS CORS Station		STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION 	
DATE: SEPTEMBER 25 20 25 OPERATORS WELL NO: API WELL NO 47 - 051 - 02547 STATE COUNTY PERMIT		MAJ8 WELL PAD 	
WELL TYPE: <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL (IF GAS) PRODUCTION: <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input checked="" type="checkbox"/> SHALLOW LOCATION ELEVATION: 1190.7' WATERSHED: Upper Wheeling Creek QUADRANGLE: Majorsville DISTRICT: Webster COUNTY: Marshall SURFACE OWNER: John S. Kutis and Sylvia M. Kutis, Trustees of the John and Sylvia Kutis 2020 Irrevocable Trust dated March 12, 2020 ACREAGE: 53.20 ± ROYALTY OWNER: John and Sylvia Kutis 2020 Irrevocable Trust, dated 03/12/2020 LEASE NO: 192678000 ACREAGE: 53.20 ± PROPOSED WORK: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input checked="" type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 6,632' WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora ADDRESS: 1000 Horizon Vue Drive ADDRESS: 111 Avondale Road Canonsburg, PA 15317 Fairmont, WV 26554			



TRACT ID	SURFACE OWNER	LESSOR	PIN
13	Shawn R. Bush	Lloyd Bush and Charlotte Bush, his wife	15-6-39.1
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company LLC	
		Noble Energy, LLC	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
14	Kenneth Roger Bush, et al	Lloyd Bush and Charlotte Bush, his wife	15-6-39
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company LLC	
		Noble Energy, LLC	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
15	Shawn R. Bush	Theodore G. Warner	15-6-40
		CNX Gas Company LLC	
		Noble Energy, Inc.	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
16	Shawn R. Bush	Theodore G. Warner	p/o 15-6-43
		CNX Gas Company LLC	
		Noble Energy, Inc.	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
17A	Robert Phillip Miner and Karen Marie Clegg	Bounty Minerals, LLC	p/o 15-6-42
TRACT ID	SURFACE OWNER	LESSOR	PIN
18	Mary McMillan	Sandra D. Offenberg and Grant R. Offenberg, wife and husband	15-6-44
		Larry G. McMillan a/k/a Larry Glenn McMillan, by and through his Guardian and/or Conservator, Sandra Diane Offenberg	
TRACT ID	SURFACE OWNER	LESSOR	PIN
23	CNX Land LLC	George W. Dunn and Hazel L. Dunn, his wife	15-5-11
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
		HG Energy II Appalachia, LLC	
		Phillip G. Rexroad and Carolyn Rexroad, his wife; and Rodney L. Dunn and Rose Dunn, his wife	
		Consol Pennsylvania Coal Company	
		CNX Gas Company LLC	
		CNX Gas Company LLC	
		Noble Energy, Inc.	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
28	Linda M. Rush, et al	A. E. Blake and Edna T. Blake, h/w, Lorena Blake and R. R. Blake and Estella Blake, husband and wife	15-10-17 15-10-18
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc.	
		HG Energy II Appalachia, LLC	

10/24/2025



TRACT ID	SURFACE OWNER	LESSOR	PIN
29	Wayne and Doris Turk Irrevocable Trust	Carl Turk	15-10-19
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		NiSource Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		Columbia Energy Ventures, LLC	
		Chesapeake Appalachia, L.L.C.	
		Statoil USA Onshore Properties Inc.	
		SWN Exchange Titleholder, LLC	
		Statoil USA Onshore Properties Inc.	
		SWN Production Company, LLC	
		Equinor USA Onshore Properties Inc.	
		Equinor USA Onshore Properties Inc.	
		SWN Production Company, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
32	Wayne and Doris Turk Irrevocable Trust	Carl Turk	15-10-22
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		NiSource Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		Columbia Energy Ventures, LLC	
		Chesapeake Appalachia, L.L.C.	
		Statoil USA Onshore Properties Inc.	
		SWN Exchange Titleholder, LLC	
		Statoil USA Onshore Properties Inc.	
		SWN Production Company, LLC	
		Equinor USA Onshore Properties Inc.	
		Equinor USA Onshore Properties Inc.	
		SWN Production Company, LLC	
		Jerry C. Bouman and Cydni D. Bouman, husband and wife	
		Gail Eugene Kibby	
		Gary Dean Kibby	
		Black Gold Group, Ltd.	
		Ojeda AD4, LLC	
		DMQ, LLC	
		Heather Carmel White f/k/a Heather Carmel Voss	
TRACT ID	SURFACE OWNER	LESSOR	PIN
37C	John David Kinney	J.O. Kinney and Bertha Kinney, husband and wife	p/o 15-11-1
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
45	Wanda Lee Gittings	Wanda Gittings and Dale Gittings, her husband	15-11-2
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
46	Wayne and Doris Turk Irrevocable Trust	Wanda Gittings and Dale Gittings, her husband	15-11-2.1
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	

10/24/2025

API WELL NO

47 - 051 - 02547

STATE COUNTY PERMIT



TRACT ID	SURFACE OWNER	LESSOR	PIN
55	Elroy E. Sanner, et ux, et al	Alta B. Kinney	15-11-7.4 15-11-7.5 15-11-7.6
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
56B	Wanda Lee Gittings	Alta B. Kinney	15-11-7.3
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
58A	George W. Wilson Jr., et al	Alta B. Kinney	15-11-7
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
58B	George W. Wilson Jr., et al	Alta B. Kinney	15-11-7
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
59	Karen L. Pettit, et vir	Alta B. Kinney	15-11-7.1
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
60	Marlene Spitznogle	Eugene Scherich, widower	15-12-16
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	
		Eugene Scherich, widower	
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	

10/24/2025



TRACT ID	SURFACE OWNER	LESSOR	PIN
61A	Douglas Wiseman, et al	Ridgetop Royalties, LLC	15-12-15
		Range Resources – Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
61B	Douglas Wiseman, et al	Ridgetop Royalties, LLC	15-12-15
		Range Resources – Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
63	Mark D. Kinney	J.O. Kinney and Bertha Kinney, husband and wife	15-11-1.3
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		Columbia Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		HG Energy II Appalachia, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
107	West Virginia Dept. of Transportation	The West Virginia Department of Transportation, Division of Highways	p/o 15-11-7 p/o 15-11-7.1 p/o 15-11-7.2 p/o 15-11-7.3 p/o 15-12-14
TRACT ID	SURFACE OWNER	LESSOR	PIN
109	West Virginia Dept. of Transportation	The West Virginia Department of Transportation, Division of Highways	p/o 15-12-15 p/o 15-12-15.1 p/o 15-12-15.2
TRACT ID	SURFACE OWNER	LESSOR	PIN
116	West Virginia Dept. of Transportation	The West Virginia Department of Transportation, Division of Highways	p/o 15-10-17

10/24/2025

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE**  
**Chapter 22, Article 6A, Section 5(a)(5)**  
**IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
SEE ATTACHED				

RECEIVED  
Office of Oil and Gas  
  
OCT 02 2025  
  
WV Department of  
Environmental Protection

**Acknowledgement of Possible Permitting/Approval**  
**In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: CNX GAS COMPANY LLC

By:

ERIKA WHETSTONE

Its:

MANAGER PERMITTING

## Attachment - Form WW-6A-1 for MAJ8FHSM

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
3B	15-10-1	192678000	John S. & Sylvia M. Kutis Irrevocable Trust	John S. Kutis and Sylvia M. Kutis, a/k/a Sylvia M. Kutis, h/w	Chevron U.S.A., Inc.	Not Less than 1/8	772/457
				Chevron U.S.A., Inc.	Chesapeake Appalachia, L.L.C.	Assignment	31/18
				Chevron U.S.A., Inc.	Chesapeake Appalachia, L.L.C. and Statoil USA Onshore Properties Inc.	Assignment	32/235
					Chesapeake Appalachia, L.L.C.	Assignment	33/110
							34/582
							35/32
				Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder, LLC	Partial Assignment	33/424
				SWN Exchange Titleholder, LLC	SWN Production Company, LLC	Merger	19/624
				Statoil USA Onshore Properties Inc.	Equinor USA Onshore Properties Inc.	Name Change	2/427
				SWN Production Company, LLC	CNX Gas Company LLC	Agreement	1142/499
				Equinor USA Onshore Properties Inc.			
				Equinor USA Onshore Properties Inc.	CNX Gas Company LLC	Assignment	51/190
				SWN Production Company, LLC	CNX Gas Company LLC	Assignment	51/198
3D	15-6-41	192678000	John S. & Sylvia M. Kutis Irrevocable Trust	John S. Kutis and Sylvia M. Kutis, a/k/a Sylvia M. Kutis, h/w	Chevron U.S.A., Inc.	Not Less than 1/8	772/457
				Chevron U.S.A., Inc.	Chesapeake Appalachia, L.L.C.	Assignment	31/18
				Chevron U.S.A., Inc.	Chesapeake Appalachia, L.L.C. and Statoil USA Onshore Properties Inc.	Assignment	32/235
					Chesapeake Appalachia, L.L.C.	Assignment	33/110
							34/582
							35/32
				Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder, LLC	Partial Assignment	33/424
				SWN Exchange Titleholder, LLC	SWN Production Company, LLC	Merger	19/624
				Statoil USA Onshore Properties Inc.	Equinor USA Onshore Properties Inc.	Name Change	2/427
				SWN Production Company, LLC	CNX Gas Company LLC	Agreement	1142/499
				Equinor USA Onshore Properties Inc.			
				Equinor USA Onshore Properties Inc.	CNX Gas Company LLC	Assignment	51/190
				SWN Production Company, LLC	CNX Gas Company LLC	Assignment	51/198
6	15-6-35	192692000	Kenneth Roger Bush, et al	Lloyd Bush and Charlotte Bush, his wife	The Manufacturers Light and Heat Company	Not Less than 1/8	395/582
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Name Change	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	Columbia Energy Ventures, LLC	Name Change	WVSOS
				Columbia Energy Ventures, LLC	CNX Gas Company LLC	Assignment	37/129
					Noble Energy, LLC		
				CNX Gas Company LLC	Noble Energy, LLC	Assignment	37/169
							40/588
							41/1
							41/45
							41/77
				Noble Energy, LLC	HG Energy II Appalachia, LLC	Assignment	39/1
				HG Energy II Appalachia, LLC	CNX Gas Company LLC	Assignment	42/1
<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>



11	15-6-37	202225000	Russell E. Fish Jr., et al	Albert Gray, Minnie B. Gray, Robert L. Gray, Violet A. Gray, Ethelynn McClure and Eugene McClure, her husband, Arthur Gray and Wanda Gray, his wife, Ross A. Gray and Lena B. Gray, his wife, and Mae Fish	The Manufacturers Light and Heat Company	Not Less than 1/8	395/600
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Name Change	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	Columbia Energy Ventures, LLC	Name Change	WVSOS
				Columbia Energy Ventures, LLC	CNX Gas Company LLC	Assignment	37/129
					Noble Energy, LLC		
				CNX Gas Company LLC	Noble Energy, LLC	Assignment	37/169
							40/588
							41/1
							41/45
							41/77
				Noble Energy, LLC	HG Energy II Appalachia, LLC	Assignment	39/1
				HG Energy II Appalachia, LLC	CNX Gas Company LLC	Assignment	42/1
<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
12	15-6-38	202227000	Kenneth Roger Bush, et al	Kenneth Bush and Garnet Bush, his wife	The Manufacturers Light and Heat Company	Not Less than 1/8	381/359
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Name Change	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	Columbia Energy Ventures, LLC	Name Change	WVSOS
				Columbia Energy Ventures, LLC	CNX Gas Company LLC	Assignment	37/129
					Noble Energy, LLC		
				CNX Gas Company LLC	Noble Energy, LLC	Assignment	37/169
							40/588
							41/1
							41/45
							41/77
				Noble Energy, LLC	HG Energy II Appalachia, LLC	Assignment	39/1
				HG Energy II Appalachia, LLC	CNX Gas Company LLC	Assignment	42/1
<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
13	15-6-39.1	192679000	Shawn R. Bush	Lloyd Bush and Charlotte Bush, his wife	The Manufacturers Light and Heat Company	Not Less than 1/8	395/582
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Name Change	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	Columbia Energy Ventures, LLC	Name Change	WVSOS
				Columbia Energy Ventures, LLC	CNX Gas Company LLC	Assignment	37/129
					Noble Energy, LLC		
				CNX Gas Company LLC	Noble Energy, LLC	Assignment	37/169
							40/588
							41/1
							41/45
							41/77
				Noble Energy, LLC	HG Energy II Appalachia, LLC	Assignment	39/1
				HG Energy II Appalachia, LLC	CNX Gas Company LLC	Assignment	42/1
<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
14	15-6-39	192692000	Kenneth Roger Bush, et al	Lloyd Bush and Charlotte Bush, his wife	The Manufacturers Light and Heat Company	Not Less than 1/8	395/582
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204

Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Name Change	683/459
Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
NiSource Energy Ventures, LLC	Columbia Energy Ventures, LLC	Name Change	WVSOS
Columbia Energy Ventures, LLC	CNX Gas Company LLC	Assignment	37/129
	Noble Energy, LLC		
CNX Gas Company LLC	Noble Energy, LLC	Assignment	37/169
			40/588
			41/1
			41/45
			41/77
Noble Energy, LLC	HG Energy II Appalachia, LLC	Assignment	39/1
HG Energy II Appalachia, LLC	CNX Gas Company LLC	Assignment	42/1

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
15	15-6-40	192686000	Shawn R. Bush	Theodore G. Warner CNX Gas Company LLC Noble Energy, Inc. HG Energy II Appalachia, LLC	CNX Gas Company LLC Noble Energy, Inc. HG Energy II Appalachia, LLC CNX Gas Company LLC	Not Less than 1/8 Assignment Assignment Assignment	747/146 37/169 39/1 42/1

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
16	p/o 15-6-43	192684000	Shawn R. Bush	Theodore G. Warner CNX Gas Company LLC Noble Energy, Inc. HG Energy II Appalachia, LLC	CNX Gas Company LLC Noble Energy, Inc. HG Energy II Appalachia, LLC CNX Gas Company LLC	Not Less than 1/8 Assignment Assignment Assignment	747/146 37/169 39/1 42/1

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
17A	p/o 15-6-42	193252000	Robert Phillip Miner and Karen Marie Clegg	Bounty Minerals, LLC	CNX Gas Company LLC	Not Less than 1/8	1150/44

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
18	15-6-44	192677000	Mary McMillan	Sandra D. Offenber and Grant R. Offenber, wife and husband Larry G. McMillan a/k/a Larry Glenn McMillan, by and through his Guardian and/or Conservator, Sandra Diane Offenber	CNX Gas Company LLC CNX Gas Company LLC	Not Less than 1/8 Not Less than 1/8	1206/634 1206/640

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
23	15-5-11	202222000	CNX Land LLC	George W. Dunn and Hazel L. Dunn, his wife	The Manufacturers Light and Heat Company	Not Less than 1/8	395/574
				The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Gas Transmission, LLC NiSource Energy Ventures, LLC	Columbia Gas Transmission Corporation Columbia Gas Transmission, LLC NiSource Energy Ventures, LLC CNX Gas Company, LLC	Merger Confirmatory Deed Assignment Sublease	422/204 683/459 21/428 685/136 693/414 697/295 782/1
				Columbia Energy Ventures, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Assignment	37/129
				CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	37/169 40/588 41/1 41/45 41/77
				Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	39/1
				HG Energy II Appalachia, LLC	CNX Gas Company, LLC	Assignment	34/392 42/1



Phillip G. Rexroad and Carolyn Rexroad, his wife; and Rodney L. Dunn and Rose Dunn, his wife	Consol Pennsylvania Coal Company	Fee	647/337
Consol Pennsylvania Coal Company	CNX Gas Company LLC	Quitclaim Deed	804/189
CNX Gas Company LLC	Noble Energy, Inc.	Mineral Interest Deed	832/181
CNX Gas Company LLC	Noble Energy, Inc.	Mineral Deed	909/94
Noble Energy, Inc.	HG Energy II Appalachia, LLC	Mineral Deed	931/43
HG Energy II Appalachia, LLC	CNX Gas Company LLC	Fee	974/400

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
28	15-10-17 15-10-18	202124000	Linda M. Rush, et al	A. E. Blake and Edna T. Blake, h/w, Lorena Blake and R. R. Blake and Estella Blake, husband and wife	The Manufacturers Light and Heat Company	Not Less than 1/8	326/380
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	CNX Gas Company, LLC	Sublease	685/136
							693/414
							697/295
							782/1
				Columbia Energy Ventures, LLC	CNX Gas Company, LLC	Assignment	37/129
				CNX Gas Company, LLC	Noble Energy, Inc		
					Noble Energy, Inc	Assignment	37/169
							40/588
							41/1
							41/45
							41/77
				Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	39/1
							34/392
				HG Energy II Appalachia, LLC	CNX Gas Company, LLC	Assignment	42/1

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
29	15-10-19	202126000	Wayne and Doris Turk Irrevocable Trust	Carl Turk	Columbia Gas Transmission Corporation	Not Less than 1/8	515/255
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	CNX Gas Company, LLC	Sublease	685/136
							693/414
							697/295
							782/1
				NiSource Energy Ventures, LLC	Columbia Energy Ventures, LLC	Name Change	WVSOS
				CNX Gas Company, LLC	Chesapeake Appalachia, L.L.C.	Partial Assignment	51/46
				Noble Energy, Inc	Statoil USA Onshore Properties Inc.		
				Columbia Energy Ventures, LLC	CNX Gas Company, LLC	Assignment	37/129
					Noble Energy, Inc		
				Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	Assignment	33/110
				Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder, LLC	Partial Assignment	33/424
				SWN Exchange Titleholder, LLC	SWN Production Company, LLC	Merger	19/624
				Statoil USA Onshore Properties Inc.	Equinor USA Onshore Properties Inc.	Name Change	2/427
				SWN Production Company, LLC	CNX Gas Company LLC	Agreement	1142/499
				Equinor USA Onshore Properties Inc.			
				Equinor USA Onshore Properties Inc.	CNX Gas Company LLC	Assignment	51/190
				SWN Production Company, LLC	CNX Gas Company LLC	Assignment	51/198

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
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32	15-10-22	191842000	Wayne and Doris Turk Irrevocable Trust	Carl Turk	Columbia Gas Transmission Corporation	Not Less than 1/8	515/255
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	CNX Gas Company, LLC	Sublease	685/136
							693/414
							697/295
							782/1
				NiSource Energy Ventures, LLC	Columbia Energy Ventures, LLC	Name Change	WVSOS
				CNX Gas Company, LLC	Chesapeake Appalachia, L.L.C.	Partial Assignment	51/46
				Noble Energy, Inc	Statoil USA Onshore Properties Inc.		
				Columbia Energy Ventures, LLC	CNX Gas Company, LLC	Assignment	37/129
					Noble Energy, Inc		
				Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	Assignment	33/110
				Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder, LLC	Partial Assignment	33/424
				SWN Exchange Titleholder, LLC	SWN Production Company, LLC	Merger	19/624
				Statoil USA Onshore Properties Inc.	Equinor USA Onshore Properties Inc.	Name Change	2/427
				SWN Production Company, LLC	CNX Gas Company LLC	Agreement	1142/499
				Equinor USA Onshore Properties Inc.			
				Equinor USA Onshore Properties Inc.	CNX Gas Company LLC	Assignment	51/190
				SWN Production Company, LLC	CNX Gas Company LLC	Assignment	51/198
				Jerry C. Bouman and Cydni D. Bouman, husband and wife	CNX Gas Company LLC	Not Less than 1/8	1125/105
							1132/525
				Gail Eugene Kibby	CNX Gas Company LLC	Not Less than 1/8	1125/110
							1135/201
				Gary Dean Kibby	CNX Gas Company LLC	Not Less than 1/8	1125/100
							1132/530
				Black Gold Group, Ltd.	CNX Gas Company LLC	Not Less than 1/8	1130/295
				Ojeda AD4, LLC	CNX Gas Company LLC	Not Less than 1/8	1137/136
				DMQ, LLC	CNX Gas Company LLC	Not Less than 1/8	1137/141
				Heather Carmel White f/k/a Heather Carmel Voss	CNX Gas Company LLC	Not Less than 1/8	1130/421

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
37C	p/o 15-11-1	203101000	John David Kinney	J.O. Kinney and Bertha Kinney, husband and wife	The Manufacturers Light and Heat Company	Not Less than 1/8	363/200
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	CNX Gas Company, LLC	Sublease	685/136
							693/414
							697/295
							782/1
				Columbia Energy Ventures, LLC	CNX Gas Company, LLC	Assignment	37/129
					Noble Energy, Inc		
				CNX Gas Company, LLC	Noble Energy, Inc	Assignment	37/169
							40/588
							41/1
							41/45
							41/77
				Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	39/1
							34/392
				HG Energy II Appalachia, LLC	CNX Gas Company, LLC	Assignment	48/374

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
45	15-11-2	202140000	Wanda Lee Gittings	Wanda Gittings and Dale Gittings, her husband	The Manufacturers Light and Heat Company	Not Less than 1/8	395/578
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204



Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
NiSource Energy Ventures, LLC	CNX Gas Company, LLC	Sublease	685/136
			693/414
			697/295
			782/1
Columbia Energy Ventures, LLC	CNX Gas Company, LLC	Assignment	37/129
	Noble Energy, Inc		
CNX Gas Company, LLC	Noble Energy, Inc	Assignment	37/169
			40/588
			41/1
			41/45
			41/77
Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	39/1
			34/392
HG Energy II Appalachia, LLC	CNX Gas Company, LLC	Assignment	48/374

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
46	15-11-2.1	202141000	Wayne and Doris Turk Irrevocable Trust	Wanda Gittings and Dale Gittings, her husband	The Manufacturers Light and Heat Company	Not Less than 1/8	395/578
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	CNX Gas Company, LLC	Sublease	685/136
							693/414
							697/295
							782/1
				Columbia Energy Ventures, LLC	CNX Gas Company, LLC	Assignment	37/129
				CNX Gas Company, LLC	Noble Energy, Inc		
					Noble Energy, Inc	Assignment	37/169
							40/588
							41/1
							41/45
							41/77
				Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	39/1
							34/392
				HG Energy II Appalachia, LLC	CNX Gas Company, LLC	Assignment	48/374

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
55	15-11-7.4 15-11-7.5 15-11-7.6	203163000	Elroy E. Sanner, et ux, et al	Alta B. Kinney	The Manufacturers Light and Heat Company	Not Less than 1/8	401/379
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	CNX Gas Company, LLC	Sublease	685/136
							693/414
							697/295
							782/1
				Columbia Energy Ventures, LLC	CNX Gas Company, LLC	Assignment	37/129
				CNX Gas Company, LLC	Noble Energy, Inc		
					Noble Energy, Inc	Assignment	37/169
							40/588
							41/1
							41/45
							41/77
				Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	39/1
							34/392

				HG Energy II Appalachia, LLC		CNX Gas Company, LLC	Assignment	48/374
<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>		<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
56B	15-11-7.3	202878000	Wanda Lee Gittings	Alta B. Kinney		The Manufacturers Light and Heat Company	Not Less than 1/8	401/379
				The Manufacturers Light and Heat Company		Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation		Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC		NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC		CNX Gas Company, LLC	Sublease	685/136
								693/414
								697/295
								782/1
				Columbia Energy Ventures, LLC		CNX Gas Company, LLC	Assignment	37/129
				CNX Gas Company, LLC		Noble Energy, Inc		
						Noble Energy, Inc	Assignment	37/169
								40/588
								41/1
								41/45
								41/77
				Noble Energy, Inc		HG Energy II Appalachia, LLC	Assignment	39/1
								34/392
				HG Energy II Appalachia, LLC		CNX Gas Company, LLC	Assignment	48/374
<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>		<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
58A	15-11-7	203164000	George W. Wilson Jr., et al	Alta B. Kinney		The Manufacturers Light and Heat Company	Not Less than 1/8	401/379
				The Manufacturers Light and Heat Company		Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation		Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC		NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC		CNX Gas Company, LLC	Sublease	685/136
								693/414
								697/295
								782/1
				Columbia Energy Ventures, LLC		CNX Gas Company, LLC	Assignment	37/129
						Noble Energy, Inc		
				CNX Gas Company, LLC		Noble Energy, Inc	Assignment	37/169
								40/588
								41/1
								41/45
								41/77
				Noble Energy, Inc		HG Energy II Appalachia, LLC	Assignment	39/1
								34/392
				HG Energy II Appalachia, LLC		CNX Gas Company, LLC	Assignment	48/374
<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>		<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
58B	15-11-7	203164000	George W. Wilson Jr., et al	Alta B. Kinney		The Manufacturers Light and Heat Company	Not Less than 1/8	401/379
				The Manufacturers Light and Heat Company		Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation		Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC		NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC		CNX Gas Company, LLC	Sublease	685/136
								693/414
								697/295
								782/1
				Columbia Energy Ventures, LLC		CNX Gas Company, LLC	Assignment	37/129
						Noble Energy, Inc		

CNX Gas Company, LLC	Noble Energy, Inc	Assignment	37/169 40/588 41/1 41/45 41/77
Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	39/1 34/392
HG Energy II Appalachia, LLC	CNX Gas Company, LLC	Assignment	48/374

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
59	15-11-7.1	203165000	Karen L. Pettit, et vir	Alta B. Kinney	The Manufacturers Light and Heat Company	Not Less than 1/8	401/379
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	CNX Gas Company, LLC	Sublease	685/136 693/414 697/295 782/1
				Columbia Energy Ventures, LLC	CNX Gas Company, LLC	Assignment	37/129
				CNX Gas Company, LLC	Noble Energy, Inc		
					Noble Energy, Inc	Assignment	37/169 40/588 41/1 41/45 41/77
				Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	39/1 34/392
				HG Energy II Appalachia, LLC	CNX Gas Company, LLC	Assignment	48/374

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
60	15-12-16	202133000	Marlene Spitznogle	Eugene Scherich, widower	The Manufacturers Light and Heat Company	Not Less than 1/8	326/105
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428
				NiSource Energy Ventures, LLC	CNX Gas Company, LLC	Sublease	685/136 693/414 697/295 782/1
				Columbia Energy Ventures, LLC	CNX Gas Company, LLC	Assignment	37/129
				CNX Gas Company, LLC	Noble Energy, Inc		
					Noble Energy, Inc	Assignment	37/169 40/588 41/1 41/45 41/77
				Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	39/1 34/392
				HG Energy II Appalachia, LLC	CNX Gas Company, LLC	Assignment	41/623
				Eugene Scherich, widower	The Manufacturers Light and Heat Company	Not Less than 1/8	326/97
				The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation	Merger	422/204
				Columbia Gas Transmission Corporation	Columbia Gas Transmission, LLC	Confirmatory Deed	683/459
				Columbia Gas Transmission, LLC	NiSource Energy Ventures, LLC	Assignment	21/428



NiSource Energy Ventures, LLC	CNX Gas Company, LLC	Sublease	685/136 693/414 697/295 782/1 37/129
Columbia Energy Ventures, LLC	CNX Gas Company, LLC Noble Energy, Inc	Assignment	37/169 40/588 41/1 41/45 41/77
CNX Gas Company, LLC	Noble Energy, Inc	Assignment	39/1 34/392 48/374
Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	
HG Energy II Appalachia, LLC	CNX Gas Company, LLC	Assignment	

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
61A	15-12-15	204522000	Douglas Wiseman, et al	Ridgetop Royalties, LLC Range Resources – Appalachia, LLC	Range Resources – Appalachia, LLC CNX Gas Company, LLC	Not Less than 1/8 Assignment	1069/89 45/31

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
61B	15-12-15	204522000	Douglas Wiseman, et al	Ridgetop Royalties, LLC Range Resources – Appalachia, LLC	Range Resources – Appalachia, LLC CNX Gas Company, LLC	Not Less than 1/8 Assignment	1069/89 45/31

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
63	15-11-1.3	202763000	Mark D. Kinney	J.O. Kinney and Bertha Kinney, husband and wife  The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Gas Transmission, LLC NiSource Energy Ventures, LLC	The Manufacturers Light and Heat Company  Columbia Gas Transmission Corporation Columbia Gas Transmission, LLC NiSource Energy Ventures, LLC CNX Gas Company, LLC	Not Less than 1/8  Merger Confirmatory Deed Assignment Sublease	363/200  422/204 683/459 21/428 685/136 693/414 697/295 782/1 37/129
				Columbia Energy Ventures, LLC	CNX Gas Company, LLC Noble Energy, Inc	Assignment	37/169 40/588 41/1 41/45 41/77
				CNX Gas Company, LLC	Noble Energy, Inc	Assignment	39/1 34/392 48/374
				Noble Energy, Inc	HG Energy II Appalachia, LLC	Assignment	
				HG Energy II Appalachia, LLC	CNX Gas Company, LLC	Assignment	

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
107	p/o 15-11-7 p/o 15-11-7.1 p/o 15-11-7.2 p/o 15-11-7.3 p/o 15-12-14	202163000 202164000 202165000	West Virginia Dept. of Transportation	The West Virginia Department of Transportation, Division of Highways	CNX Gas Company LLC	Not Less than 1/8	1234/641

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
109	p/o 15-12-15 p/o 15-12-15.1 p/o 15-12-15.2	204522000	West Virginia Dept. of Transportation	The West Virginia Department of Transportation, Division of Highways	CNX Gas Company LLC	Not Less than 1/8	1234/641

<u>Tract ID</u>	<u>Tax Map &amp; Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
116	p/o 15-10-17	202124000	West Virginia Dept. of Transportation	The West Virginia Department of Transportation, Division of Highways	CNX Gas Company LLC	Not Less than 1/8	1234/641





CNX Center  
1000 Horizon Vue Drive  
Canonsburg, PA 15317-6506  
724-485-4000  
cnx.com

October 1, 2025

West Virginia Department of Environmental Protection  
Office of Oil & Gas  
601 57th Street, SE  
Charleston, WV 25304-2345

RECEIVED  
Office of Oil and Gas

OCT 02 2025

WV Department of  
Environmental Protection

**RE: MAJ8FHSM (47-051-02547) - \*MODIFICATION\* Horizontal Drilling Permit Application**

To Whom It May Concern:

CNX Gas Company LLC (CNX) is requesting a modification to extend the subject horizontal lateral well permit. The subject MAJ8 Marcellus well is in Marshall County.

CNX would like to use the expedited review process for the MAJ8FHSM modification application and have enclosed a check for \$7,500.00. CNX previously permitted the "MAJ8FHSM" in May 2025.

If any further information or correspondence is required, please contact me at (724) 485-4035 or [ErikaWhetstone@cnx.com](mailto:ErikaWhetstone@cnx.com).

Sincerely,

Erika Whetstone

CK# 2140053924

AMT \$ 7,500.00

10/24/2025