



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, 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 CHSM
47-051-02544-00-00

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', is positioned above the printed name and title.

H. Jason Harmon
Acting Chief

Operator's Well Number: MAJ8 CHSM
Farm Name: JOHN S KUTIS AND SYLVIA M KUTIS, TRUSTEES
U.S. WELL NUMBER: 47-051-02544-00-00
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: MAJ8CHSM 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

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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: 20,770' MD at TD

11) Proposed Horizontal Leg Length: 13,308'

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 coal seam bottom depth 710'

Seam: PITTSBURGH #8 SEAM

Owner: OHIO COUNTY COAL RESOURCES, INC.

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WW-6B
(04/15)

API NO. 47- 051 - 02544
OPERATOR WELL NO. MAJ8CHSM
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	68	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	20,099	20,770	4446 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

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Kind:	N/A			
Sizes:				
Depths Set:				

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OPERATOR WELL NO. MAJ8CHSM

Well Pad Name: MAJ8

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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% CaCl₂ and 1/4 pps cello-flake/LCM. Intermediate string: Class A cement with 0%-2% CaCl₂ 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.

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9/17/2025

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DRILLING WELL PLAN
MAJ-8C-HSM (Marcellus HZ)
Marcellus Shale Horizontal
Marshall County, WV

				MAJ-8C-HSM SHL			N 521732.13, E 1698752.13 (NAD27)				
Ground Elevation	1190.5' GL Elevation			MAJ-8C-HSM LP			N 522717.98, E 1698903.56 (NAD27)				
Azimuth	143.24°			MAJ-8C-HSM BHL			N 512050.59, E 1706860.23 (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	
	17-1/2"	13-3/8" 54.5# J-55 BTC	Conductor	69	69	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	
			DFGW		344						
			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			20,770	6,624							

LP @ +/- 7461' MD
6632' TVD

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

+/- 13309' Lateral

TD @ +/- 20770' MD
6632' TVD



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) 3rd 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	1956
4705100336	BLAKE, JUANITA 5266	CONSOL PENNSYLVANIA COAL COMPANY LLC	STORAGE	BIG INJUN (PRICE&EQ)	P & A	WV	MARSHALL	39.919368	-80.556533	1956
4705100336	BLAKE, JUANITA 5266	CONSOL PENNSYLVANIA COAL COMPANY LLC	STORAGE	BIG INJUN (PRICE&EQ)	P & A	WV	MARSHALL	39.919368	-80.556533	1956
4705100684	DUNN, RAYMOND L. 1	WHITMAN OIL & GAS CORP.	GAS	RHINESTREET SH	P & A	WV	MARSHALL	39.896699	-80.558416	5418
4705101164	NEEHOUSE, LEO MC111	CONSOLIDATION COAL COMPANY	CBM	PITTSBURGH COAL	P & A	WV	MARSHALL	39.922495	-80.581271	1140
4705101164	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 6H	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	39.897185	-80.554032	6875
4705101582	MICHAEL DUNN MSH 6H	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	7	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.

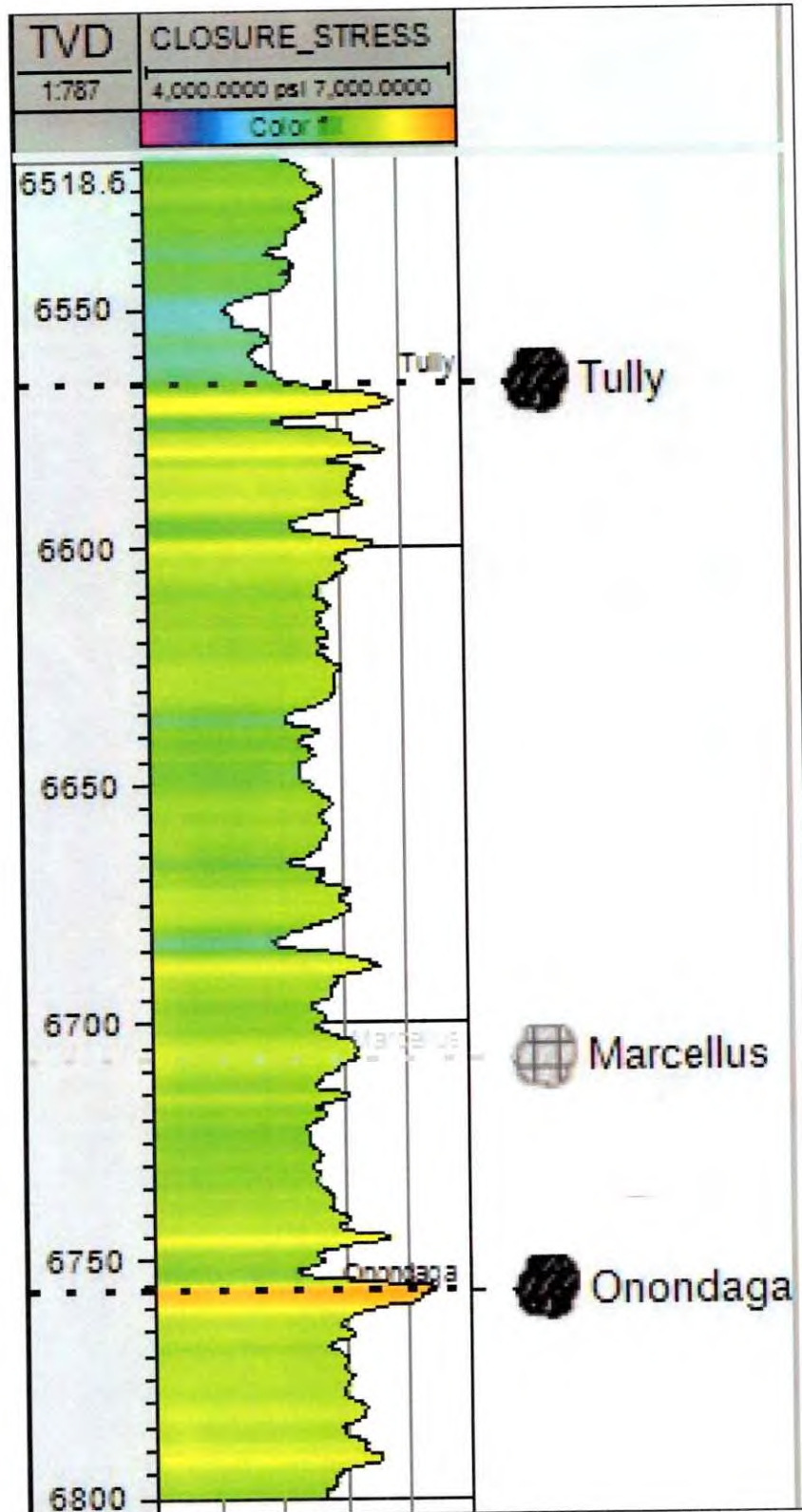
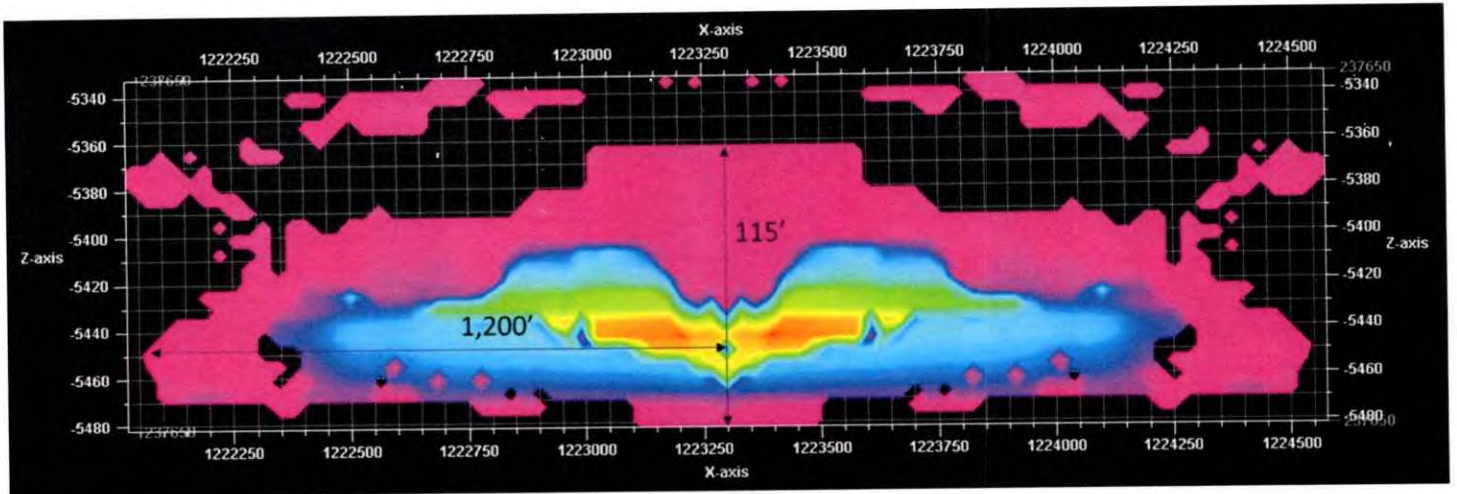
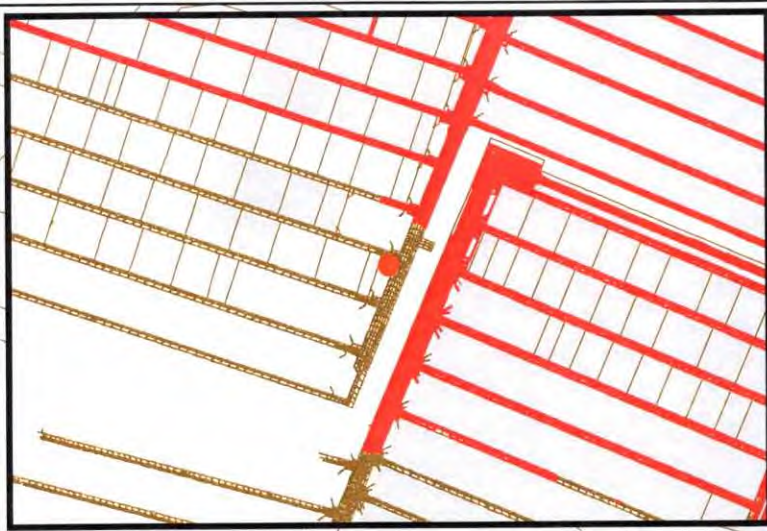


Figure 4. Stratigraphic intervals of high stress should serve as adequate frac barriers for a Marcellus frac. The frac modeling example below is for this area, which yields a frac height of approximately 115'.





MAJ8CHSM

175 ft

222 ft

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Ohio County Mine

Legend

- Well Location
- Mine Workings
- Mined Out



0 10 20 30 40 50 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
MAJ8CHSM
Mine Map

MAJ8CHSM CNX Gas Company LLC		LATITUDE 39° 57' 30" TH: 9,060'		LATITUDE 39° 55' 00" BH: 830'	
		LONGITUDE 80° 32' 30" BH: 5,620'			
N30°59'14"W 1,067'		LONGITUDE 80° 32' 30" TH: 11,205'			
NOTES ON SURVEY 1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS. 2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED BY CNX GAS COMPANY LLC AND TAX RECORDS. 3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON. 4. NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD. 5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL. 6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE. 7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.					
LEGEND Active Well Proposed Well Location Public Use Surface Tract Identification Proposed Gas Well Located Corner, as noted Surface Tract Lines Reference Line Lease Boundary Creek or Drain WV County Route WV State Route		See Page 2 For Surface Owners and Lessors			
		() Denotes Location of Well on United States Topographic Maps			
		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" = 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 - 02544 STATE COUNTY PERMIT	
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 20202 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 ADDRESS: 1000 Horizon Vue Drive Canonsburg, PA 15317			DESIGNATED AGENT: Anthony Kendziora ADDRESS: 111 Avondale Road Fairmont, WV 26554		

MAJ8CHSM
CNX Gas Company LLC

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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, L.L.C.	
		StatOil USA Onshore Properties Inc.	
		SWN Exchange Titledholder, LLC	
		StatOil USA Onshore Properties Inc.	
		SWN Production Company, LLC	
		Equinor USA Onshore Properties Inc.	
		Equinor USA Onshore Properties Inc.	
		SWN Production Company, LLC	
3C	John S. & Sylvia M. Kutis Irrevocable Trust	John S. Kutis and Sylvia M. Kutis, a/k/a Sylvia M. Kutis, h/w	15-6-21
		Chevron U.S.A., Inc.	
		Chevron U.S.A., Inc.	
		Chesapeake Appalachia, L.L.C.	
		StatOil USA Onshore Properties Inc.	
		SWN Exchange Titledholder, LLC	
		StatOil USA Onshore Properties Inc.	
		SWN Production Company, LLC	
		Equinor USA Onshore Properties Inc.	
		Equinor USA Onshore Properties Inc.	
		SWN Production Company, LLC	
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, L.L.C.	
		StatOil USA Onshore Properties Inc.	
		SWN Exchange Titledholder, LLC	
		StatOil USA Onshore Properties Inc.	
		SWN Production Company, LLC	
		Equinor USA Onshore Properties Inc.	
		Equinor USA Onshore Properties Inc.	
		SWN Production Company, LLC	
17A	Robert Phillip Miner	Bounty Minerals, LLC	p/o 15-6-42
17B	Robert Phillip Miner	Bounty Minerals, LLC	p/o 15-6-42
17E	Robert Phillip Miner	Bounty Minerals, LLC	p/o 15-6-42
18	Mary McMillan	Sandra D. Offenberger and Grant R. Offenberger, wife and husband Larry G. McMillan a/k/a Larry Glenn McMillan, by and through his Guardian and/or Conservator, Sandra Diane Offenberger	15-6-44

01743

MAJ8CHSM

2500'

1" = 2000'

Well References

REFERENCE STAKE

N15°46'16"E
335'

S29°31'28"W
436'

REFERENCE STAKE

MAJ8CHSM

1" = 1500'

SURFACE HOLE LOCATION (SHL)

UTM 17 NAD 83
N: 4419805.02
E: 536404.41
NAD 83, WV NORTH
N: 521769.257
E: 1667317.065
LAT/LON DATUM NAD 83
LAT: 39°55'39.249"
LON: 80°34'26.285"

LANDING POINT

UTM 17 NAD 83
N: 4420106.13
E: 536445.53
NAD 83, WV NORTH
N: 522755.103
E: 1667468.521
LAT/LON DATUM NAD 83
LAT: 39°55'49.008"
LON: 80°34'24.492"

MAJ8 WELL PAD

MAJ8BHSM
MAJ8CHSM
MAJ8DHSM
MAJ8EHSM
MAJ8FHSM
MAJ8GHSM
MAJ8HSM
MAJ8JHSM
MAJ8KHSM
MAJ8LHSM
MAJ8MHSM
MAJ8NHSM
MAJ8OHSM
MAJ8PHSM
MAJ8QHSM
MAJ8RHSM
MAJ8SHSM
MAJ8THSM
MAJ8UHSM
MAJ8VHSM
MAJ8WHSM
MAJ8XHSM
MAJ8YHSM
MAJ8ZHSM

BOTTOM HOLE LOCATION (BHL)

UTM 17 NAD 83
N: 4416896.87
E: 538923.94
NAD 83, WV NORTH
N: 512087.946
E: 1675425.207
LAT/LON DATUM NAD 83
LAT: 39°54'04.520"
LON: 80°32'40.765"

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.

L. L. S. 2394

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

DATE: SEPTEMBER 25 20 25

OPERATORS WELL NO:

API WELL NO
47 - 051 - 02544

STATE COUNTY PERMIT

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

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION
MONTANI SEMPER LIBERTI

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: 55.20 ±

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
ADDRESS: 1000 Horizon Vue Drive
Canonsburg, PA 15317

DESIGNATED AGENT: Anthony Kendziora
ADDRESS: 111 Avondale Road
Fairmont, WV 26554

10/24/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
24	Charles Anderson, et al	Audria Kittle and C. S. Kittle, wife and husband	15-10-16
		The Manufacturers Light and Heat Company	
		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
25	Charles Anderson, et al	Audria Kittle and C. S. Kittle, wife and husband	15-10-15
		The Manufacturers Light and Heat Company	
		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
26A	Robert Phillip Miner	Bounty Minerals, LLC	p/o 15-10-14
TRACT ID	SURFACE OWNER	LESSOR	PIN
26B	Robert Phillip Miner	Bounty Minerals, LLC	p/o 15-10-14
TRACT ID	SURFACE OWNER	LESSOR	PIN
27	Joseph R. Pettit, et ux	Sandra J. Gregg, single	15-10-13
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	

10/24/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
33	Thomas James Conway Jr., et al	Herbert L. Burns, single	15-10-12
		The Manufacturers Light and Heat Company	
		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
35	Margaret E. B. Pettit	Margaret E.B. Pettit	15-10-23
TRACT ID	SURFACE OWNER	LESSOR	PIN
36	Richard P. Strait	Richard P. Strait	15-10-24
		Richard P. Strait	
TRACT ID	SURFACE OWNER	LESSOR	PIN
50A	Mary A. Blake, et al	Beverly J King and Wayne King, wife and husband	15-11-6 15-11-6.1 15-11-6.2
		Helen L Doman, widow	
		TH Exploration, LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
51A	Deborah K. Perkins, et al	O. E. Burge and Sarah L. Burge, his wife	15-13-21
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, 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
52	Mary A. Blake	Margaret M. Yoho and Guy Yoho, her husband; Bernice May Wise, widow; Mary V. Pettit and Russell Pettit, her husband; Lloyd S. Hewitt and Eva Hewitt, his wife; William Hewitt and Aretta Hewitt, his wife; Paul Hewitt and Reva Hewitt, his wife; Ruth Wise and Andrew Wise, her husband; Blanche Hewitt, widow	15-12-1
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		NiSource Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		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	


10/24/2025

MAJ8CHSM
CNX Gas Company LLC

PAGE 5 OF 5

TRACT ID	SURFACE OWNER	LESSOR	PIN
53	Mary A. Blake	Margaret M. Yoho and Guy Yoho, her husband; Bernice May Wise, widow; Mary V. Pettit and Russell Pettit, her husband; Lloyd S. Hewitt and Eva Hewitt, his wife; William Hewitt and Aretta Hewitt, his wife; Paul Hewitt and Reva Hewitt, his wife; Ruth Wise and Andrew Wise, her husband; Blanche Hewitt, widow	15-12-2
		The Manufacturers Light and Heat Company	
		Columbia Gas Transmission Corporation	
		Columbia Gas Transmission, LLC	
		NiSource Energy Ventures, LLC	
		NiSource Energy Ventures, LLC	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		CNX Gas Company, LLC	
		Noble Energy, Inc	
		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
54A	David Kinney, et al	Edna Bungard, widow; Pauline Smith and W. T. Smith, her husband; Naomi Turk and Carl Turk, her husband; Carl J. Bungard and Margaret Bungard, his wife	15-12-14
		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
104	West Virginia Dept. of Transportation	The West Virginia Department of Transportation, Division of Highways	15-13-Parcel Unknown
TRACT ID	SURFACE OWNER	LESSOR	PIN
105	West Virginia Dept. of Transportation	The West Virginia Department of Transportation, Division of Highways	p/o 15-10-23 p/o 15-11-4 p/o 15-11-5 p/o 15-11-6 p/o 15-11-6.1 p/o 15-11-6.2

10/24/2025



KEYSTONE
CONSULTANTS, LLC

API WELL NO

47 - 051 - 02544

STATE COUNTY PERMIT

**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 MAJ8CHSM

<u>Tract ID</u>	<u>Tax Map & 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
				Cheapeake Appalachia, L.L.C.	SWN Production Company, LLC	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
3C	15-6-21	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
				Cheapeake Appalachia, L.L.C.	SWN Production Company, LLC	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
				Cheapeake Appalachia, L.L.C.	SWN Production Company, LLC	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

<u>Tract ID</u>	<u>Tax Map & 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	Bounty Minerals, LLC	CNX Gas Company LLC	Not Less than 1/8	1150/44
<u>Tract ID</u>	<u>Tax Map & 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>
17B	p/o 15-6-42	193252000	Robert Phillip Miner	Bounty Minerals, LLC	CNX Gas Company LLC	Not Less than 1/8	1150/44
<u>Tract ID</u>	<u>Tax Map & 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>
17E	p/o 15-6-42	193252000	Robert Phillip Miner	Bounty Minerals, LLC	CNX Gas Company LLC	Not Less than 1/8	1150/44
<u>Tract ID</u>	<u>Tax Map & 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. Offenberg and Grant R. Offenberg, wife and husband Larry G. McMillan a/k/a Larry Glenn McMillan, by and through his Guardian and/or Conservator, Sandra Diane Offenberg	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 & 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>
24	15-10-16	202128000	Charles Anderson, et al	Audria Kittle and C. S. Kittle, wife and husband The Manufacturers Light and Heat Company 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	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Gas Transmission, LLC NiSource Energy Ventures, LLC Columbia Energy Ventures, LLC Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. SWN Production Company, LLC SWN Exchange Titleholder, LLC Equinor USA Onshore Properties Inc. CNX Gas Company LLC CNX Gas Company LLC	Not Less than 1/8 Merger Confirmatory Deed Assignment Sublease Name Change Partial Assignment Assignment Assignment Partial Assignment Merger Name Change Agreement Assignment Assignment	395/594 422/204 683/459 21/428 685/136 693/414 697/295 782/1 WVSOS 51/46 37/129 33/110 33/424 19/624 2/427 1142/499 51/190 51/198
<u>Tract ID</u>	<u>Tax Map & 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>
25	15-10-15	202130000	Charles Anderson, et al	Audria Kittle and C. S. Kittle, wife and husband The Manufacturers Light and Heat Company 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	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Gas Transmission, LLC NiSource Energy Ventures, LLC Columbia Energy Ventures, LLC Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. SWN Production Company, LLC SWN Exchange Titleholder, LLC Equinor USA Onshore Properties Inc. CNX Gas Company LLC CNX Gas Company LLC	Not Less than 1/8 Merger Confirmatory Deed Assignment Sublease Name Change Partial Assignment Assignment Assignment Partial Assignment Merger Name Change Agreement Assignment Assignment	395/594 422/204 683/459 21/428 685/136 693/414 697/295 782/1 WVSOS 51/46 37/129 33/110 33/424 19/624 2/427 1142/499 51/190 51/198

Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
26A	p/o 15-10-14	205307000	Robert Phillip Miner	Bounty Minerals, LLC	CNX Gas Company LLC	Not Less than 1/8	1144/456
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
26B	p/o 15-10-14	205307000	Robert Phillip Miner	Bounty Minerals, LLC	CNX Gas Company LLC	Not Less than 1/8	1144/456
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
27	15-10-13	191844000	Joseph R. Pettit, et ux	Sandra J. Gregg, single	CNX Gas Company LLC	Not Less than 1/8	1183/518
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
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
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
33	15-10-12	191845000	Thomas James Conway Jr., et al	Herbert L. Burns, single	The Manufacturers Light and Heat Company	Not Less than 1/8	395/612
				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
				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 & 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>
35	15-10-23	191841000	Margaret E. B. Pettit	Margaret E.B. Pettit	CNX Gas Company LLC	Not Less than 1/8	1156/732
<u>Tract ID</u>	<u>Tax Map & 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>
36	15-10-24	205311000	Richard P. Straight	Richard P. Strait Richard P. Strait	CNX Gas Company LLC CNX Gas Company LLC	Not Less than 1/8 Not Less than 1/8	1135/206 1179/24
<u>Tract ID</u>	<u>Tax Map & 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>
50A	15-11-6 15-11-6.1 15-11-6.2	202758000	Mary A. Blake, et al	Beverly J King and Wayne King, wife and husband	TH Exploration, LLC	Not Less than 1/8	962/503
				Helen I Doman, widow TH Exploration, LLC	TH Exploration, LLC CNX Gas Company LLC	Not Less than 1/8 Assignment	949/457 46/223
<u>Tract ID</u>	<u>Tax Map & 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>
51A	15-13-21	191804000	Deborah K. Perkins, et al	O. E. Burge and Sarah L. Burge, his wife	The Manufacturers Light and Heat Company	Not Less than 1/8	381/259
				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
				NiSource Energy Ventures, LLC Columbia Energy Ventures, LLC	Columbia Energy Ventures, LLC CNX Gas Company, LLC Noble Energy, Inc	Name Change Assignment	WVSOS 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 48/374
<u>Tract ID</u>	<u>Tax Map & 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>
52	15-12-1	202135000	Mary A. Blake	Margaret M. Yoho and Guy Yoho, her husband; Bernice May Wise, widow; Mary V. Pettit and Russell Pettit, her husband; Lloyd S. Hewitt and Eva Hewitt, his wife; William Hewitt and Aretta Hewitt, his wife; Paul Hewitt and Reva Hewitt, his wife; Ruth Wise and Andrew Wise, her husband; Blanche Hewitt, widow	The Manufacturers Light and Heat Company	Not Less than 1/8	342/525
				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
				NiSource Energy Ventures, LLC CNX Gas Company, LLC Noble Energy, Inc CNX Gas Company, LLC Noble Energy, Inc 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. SWN Production Company, LLC	Columbia Energy Ventures, LLC Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. SWN Production Company, LLC SWN Exchange Titleholder, LLC SWN Production Company, LLC Equinor USA Onshore Properties Inc. CNX Gas Company LLC	Name Change Partial Assignment Partial Assignment Assignment Partial Assignment Merger Name Change Agreement	WVSOS 840/180 51/46 33/110 33/424 19/624 2/427 1142/499
				Equinor USA Onshore Properties Inc. SWN Production Company, LLC	CNX Gas Company LLC CNX Gas Company LLC	Assignment Assignment	51/190 51/198

<u>Tract ID</u>	<u>Tax Map & 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>
53	15-12-2	192360000	Mary A. Blake	Margaret M. Yoho and Guy Yoho, her husband; Bernice May Wise, widow; Mary V. Pettit and Russell Pettit, her husband; Lloyd S. Hewitt and Eva Hewitt, his wife; William Hewitt and Aretta Hewitt, his wife; Paul Hewitt and Reva Hewitt, his wife; Ruth Wise and Andrew Wise, her husband; Blanche Hewitt, widow	The Manufacturers Light and Heat Company	Not Less than 1/8	342/525
				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
				NIsource Energy Ventures, LLC	Columbia Energy Ventures, LLC	Name Change	WVSOS
				CNX Gas Company, LLC	Chesapeake Appalachia, L.L.C.	Partial Assignment	840/180
				Noble Energy, Inc	Statoil USA Onshore Properties Inc.		
				CNX Gas Company, LLC	Chesapeake Appalachia, L.L.C.	Partial Assignment	51/46
				Noble Energy, Inc	Statoil USA Onshore Properties 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 & 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>
54A	15-12-14	191980000	David Kinney, et al	Edna Bungard, widow; Pauline Smith and W. T. Smith, her husband; Naomi Turk and Carl Turk, her husband; Carl J. Bungard and Margaret Bungard, his wife	The Manufacturers Light and Heat Company	Not Less than 1/8	363/204
				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 & 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>
104	15-13-Parcel Unknown	191804000	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 & 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>
105	p/o 15-10-23 p/o 15-11-4 p/o 15-11-5 p/o 15-11-6 p/o 15-11-6.1 p/o 15-11-6.2	191846000 191841000	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

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Office of Oil and Gas

OCT 02 2025

WV Department of
Environmental Protection

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: MAJ8CHSM (47-051-02544) - *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 MAJ8CHSM modification application and have enclosed a check for \$7,500.00. CNX previously permitted the "MAJ8CHSM" in May 2025.

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

Sincerely,

Erika Whetstone

CK # 2140053933

AMT \$7,500.00

10/24/2025