



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, August 6, 2025
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC
5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re: Permit Modification Approval for SCRANAGE 1204 N-3H
47-033-06099-00-00

Lateral Extension/ Forced Pooling

HG ENERGY II APPALACHIA, 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 blue ink, appearing to read "James A. Martin", is written over a faint circular stamp.

James A. Martin
Chief

Operator's Well Number: SCRANAGE 1204 N-3H
Farm Name: DAVID K SCRANAGE
U.S. WELL NUMBER: 47-033-06099-00-00
Horizontal 6A New Drill
Date Modification Issued: 08/06/2025

Promoting a healthy environment.

08/08/2025

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

- 1) Well Operator: HG Energy II Appalachia, L 494519932 Harrison Grant Mount Clare 7.5'
Operator ID County District Quadrangle
- 2) Operator's Well Number: Scranage 1204 N-3H Well Pad Name: Scranage 1204
- 3) Farm Name/Surface Owner: David Scranage Public Road Access: Rice Run Road
- 4) Elevation, current ground: 1252' Elevation, proposed post-construction: 1247'
- 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):
Marcellus at 7049' / 7145' and 96' in thickness. Anticipated pressure at 4314#.
- 8) Proposed Total Vertical Depth: 7080'
- 9) Formation at Total Vertical Depth: Marcellus
- 10) Proposed Total Measured Depth: 30,900'
- 11) Proposed Horizontal Leg Length: 23,157'
- 12) Approximate Fresh Water Strata Depths: 60', 90', 135', 181, 480', 496', 640', 728'
- 13) Method to Determine Fresh Water Depths: Nearest offset well data (47-033-73927, 01915, 01217, 06001)
- 14) Approximate Saltwater Depths: 1605'
- 15) Approximate Coal Seam Depths: 272', 501', 650', 730', 736', 950', 1040', 1150' (Surface casing is being extended to cover the coal in the DTI Storage Field)
- 16) Approximate Depth to Possible Void (coal mine, karst, other): None
- 17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No X

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

CK #51721
#7500
7/30/2025

Jeff A Propst 7-31-2025

RECEIVED
Office of Oil and Gas
AUG 04 2025
WV Department of
Environmental Protection

4703306099

WW-6B
(04/15)API NO. 47- _____ -
OPERATOR WELL NO. Scrannage 1204 N-3H
Well Pad Name: Scrannage 1204

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	30"	New	LS	157.5	120'	120'	Drilled In
Fresh Water/Coal	20"	NEW	J-55	94	1200'	1200' ✓	40% excess, CTS
Intermediate 1	13 3/8"	NEW	J-55 BTC	68	1855'	1855' ✓	40% excess, CTS ✓
Intermediate 2	9 5/8"	NEW	N-80 BTC	40	4950'	4950'	40% excess tail, CTS
Production	5 1/2"	NEW	P-110 HP	23	30900'	30900' ✓	20% excess tail, CTS
Tubing							
Liners							

Jeff A Probst

7-31-2025

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	30"	30"	.500				Drilled In
Fresh Water/Coal	20"	26"	.438	2110	1200	Type 1, Class A	40 % excess yield = 1.20, CTS
Intermediate 1	13 3/8"	17 1/2"	.480	3450		Type 1/Class A	Lead 40% excess, Tail 0% excess
Intermediate 2	9 5/8"	12 1/4"	.395	5750		Type 1/Class A	Lead 40% excess, Tail 0% Excess Lead
Production	5 1/2"	8 1/2"	.415	16240	12500	Type 1/Class A	20% excess yield = 1.19, tail yield 1.94, CTS
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

WW-6B
(10/14)

4703306099
API NO. 47- -
OPERATOR WELL NO. Scranage 1204 N-3H
Well Pad Name: Scranage 1204

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

Drill the vertical depth to the Marcellus at an estimated total vertical depth of approximately 7080 feet. Drill horizontal leg to estimated 23,157' lateral length, 30,900' TMD. Hydraulically fracture, stimulate and be capable of producing from the Marcellus Formation. Should we encounter an unanticipated void in the coal, we will install a minimum of 20' of casing below the void but not more than 100' below the void, set a basket and grout to surface. We plan to run an ACP above the Gantz/Dominion Storage interval to aid in sealing off and isolating the storage interval.

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

The stimulation will be completed with multiple stages divided over the lateral length of the well. Stage spacing is dependent upon engineering design. Slickwater fracturing technique will be utilized on each stage using sand, water, and chemicals. See attached list. Maximum pressure not to exceed 12,500 psi.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 21.29 acres

22) Area to be disturbed for well pad only, less access road (acres): 8.87 acres

23) Describe centralizer placement for each casing string:

No centralizers will be used with conductor casing.
Freshwater - centralizer every 3 joints to surface.
Coal - Bow Spring on every joint, will also be running ACP for isolating storage zone.
Intermediate - Bow Spring on first 2 joints then every third joint to 100' from surface.
Production - Run 1 spiral centralizer every 5 joints from the top of the curve to surface. Run 1 spiral centralizer every 3 joints from the 1st 5.5' long joint to the top of the curve.

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

Conductor - N/A, Casing to be drilled in w/ Dual Rotary Rig.
Fresh Water - 15.6 ppg PNE-1 + 3% bwoc CaCl₂ 40% Excess Yield = 1.20, CTS
Intermediate 1 - **** Storage String **** CTS **** 15.4 ppg Lead - Yield 1.24 - D866 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements) B348 - 0.5% BWOB Fluid Loss / D013 - 0.75% BWOB Retarder / D47 - 0.02 gal / sack VBWOB Anti Foam / D202 - 0.15% BWOB Dispersant / D095 1.5 lb per BBL CemNET* - 60% Excess 15.9 ppg Tail - Yield 1.17 - D866 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements) B160A - 0.15% BWOB Dispersant / B547 - 0.35% BWOB GasBLOK* / D013 - 0.3% BWOB Retarder / D047 - 0.02 gal / sack
Anti Foam / D801 - 0.03 gal / sack Retarder - 0% Excess*
Intermediate 2 - *Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl₂ 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl₂ zero% Excess. CTS*
Production - *Lead: 14.5 ppg POZ-PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA17020% Excess Lead Yield=1.19 Tail Yield=1.94 CTS*

25) Proposed borehole conditioning procedures:

Conductor - Ensure the hole is clean at TD.
Fresh Water - Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.
Coal - Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.
Intermediate - Once casing is at setting depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement.
Production - Once on bottom/TD with casing, circulate at max allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement.

*Note: Attach additional sheets as needed.

Jeff A Propat

7-31-2025

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08/08/2025

*** Storage String *** CTS ***

15.4 ppg Lead - Yield 1.24 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)
 B348 - 0.5% BWOB Fluid Loss / D013 - 0.75% BWOB Retarder / D47 - 0.02 gal / sack VBWOB Anti Foam / D202 - 0.15% BWOB
 Dispersant / D095 1.5 lb per BBL CemNET* - 60% Excess
 15.9 ppg Tail - Yield 1.17 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)
 B160A - 0.15% BWOB Dispersant / B547 - 0.35% BWOB GasBLOK* / D013 - 0.3% BWOB Retarder / D047 - 0.02 gal / sack Anti Foam /
 D801 - 0.03 gal / sack Retarder - 0% Excess

1204 N-3H
 Marcellus Shale Horizontal
 Harrison County, WV



Ground Elevation			1204 N-3H SHL			14220047.19N 1831711.22E						
1247.6'			1204 N-3H LP			14220417.16N 1831559.51E						
Azm			1204 N-3H BHL			14242244.2N 1823849.59E						
WELLBORE DIAGRAM			HOLE	CASING	GEOLOGY	TOP	BASE	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
	30"	30" 157.5# LS	Conductor	0	120	AIR	N/A, Casing to be drilled in w/ Dual Rotary Rig	N/A	Ensure the hole is clean at TD.	Conductor casing = 0.5" wall thickness		
	26"	20" 94# J-55	Fresh Water	0	60,90,135,496, 640,728	AIR	15.6 ppg PNE-1 + 3% bwoc CaCl 40% Excess Yield=1.20 / CTS	Centralized every 3 joints to surface	Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.	Surface casing = 0.438" wall thickness Burst=2110 psi		
			Coals		272, 736, 1150							
			Fresh Water Protection	0	1200							
	17.5"	13-3/8" 68# J-55 BTC	Little Lime	1228	1244	AIR / KCL Salt Polymer	See above (LEFT) for Storage String Cement Blend to Meet DTI Requirements for Gas Storage Field Isolation	Bow Spring on every joint <i>*will also be running ACP for isolating storage zone*</i>	Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.	Intermediate casing = 0.480" wall thickness Burst=3450 psi		
			Big Lime	1273	1327							
			Injun / Gantz (Storage)	1327 / 1658	1451 / 1728							
			Intermediate 1	0	1855							
	12.25"	9-5/8" 40# N / L- 80 BTC	Fifty Foot / Thirty	1753 / 1868	1843 / 1900	AIR / KCL Salt Polymer	Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS	Bow Spring on first 2 joints then every third joint to 100' form surface	Once casing is at setting depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement.	Intermediate casing = 0.395" wall thickness Burst=5750 psi		
			Gordon	1907	1995							
			5th Sand	2194	2214							
			Bayard	2287	2309							
			U&L Speechley	2803	2906							
			Bradford	3482	3556							
			Benson	4173	4193							
			Alexander	4500	4670							
	8.75"	5-1/2" 23# P-110 HP TXP / W461	Intermediate 2	0	TVD: 4900' MD: 4950' Inc: 12 deg.							
			8.5" Curve				AIR / 9.0ppg SOBM	Lead: 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170 Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA170 20% Excess Lead Yield=1.19 Tail Yield=1.94 CTS	Run 1 spiral centralizer every 5 joints from the top of the curve to surface.	Once on bottom/TD with casing, circulate at max allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement.	Production casing = 0.415" wall thickness Burst=16240 psi Note:Actual centralizer schedules may be changed due to hole conditions	
	Rhinestreet			5603	6420	11.5ppg-12.5ppg SOBM						
	Cashaqua			6420	6653							
	Middlesex			6653	6748							
	West River			6748	6859							
	Burkett			6859	6894							
	Tully Limestone			6894	6983							
	Hamilton			6983	6753							
	Marcellus		7049	7145								
	8.5" Lateral		TMD / TVD (Production)	30900	7080	11.5ppg-12.5ppg SOBM	Run 1 spiral centralizer every 3 joints from the 1st 5.5" long joint to the top of the curve.					
			Onondaga	7145								
LP @ 7080' TVD / 7742' MD												
8.5" Hole - Cemented Long String												
5-1/2" 23# P-110 HP TXP / W461												
+/-23158' ft Lateral												
TD @ +/-7080' TVD +/-30900' MD												
X=centralizers												

4703306099

DATA SOURCES
WVGES Data Set - 2023; WVDEP Website

Area of Review for:

SCRANAGE 1204 NORTH UNIT

Proposed 1204 N-1H	Proposed 1204 N-2H	Proposed 1204 N-3H
Proposed 1204 N-4H	Proposed 1204 N-5H	Proposed 1204 N-6H

Grant District, Harrison County, W.Va.

HG ENERGY, II APPALACHIA, LLC
5260 DuPont Road, Parkersburg, WV 26101

08/08/2025

12/3/2024

EXISTING WELLS LOCATED WITHIN THE AREA OF REVIEW FOR:
SCRANAGE 1204 NORTH UNIT AND PROPOSED WELLS N-1H, N-2H, N-3H, N-4H, N-5H & N-6H

CT	API	COUNTY	FARM	OPERATOR NAME	FORMATION NAME	WELL TYPE	TVD	STATUS	LATITUDE	LONGITUDE
✓ 1	4703300079	Harrison	C S Gribble	Dominion Energy Transmission, Inc.	Juniata Fm	Dry w/ Gas Show	10018	PLUGGED	39.157681	80.327491
2	4703300302	Harrison	Vernie G Young	Dominion Energy Transmission, Inc.	Greenland Gap Fm	Storage	4314	ACTIVE	39.161383	-80.324115
3	4703300305	Harrison	E A Batton	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Gas	2366	PLUGGED	39.159502	-80.312160
4	4703300307	Harrison	Wolfe Hrs	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Storage	2471	ACTIVE	39.174616	-80.318863
5	4703300308	Harrison	June Ludwig	Dominion Energy Transmission, Inc.	Hampshire Grp	Storage	1913	PLUGGED	39.158194	80.333010
✓ 6	4703300309	Harrison	C S Gribble	Dominion Energy Transmission, Inc.	Fifty-foot	Storage	1890	PLUGGED	39.159986	80.328065
7	4703300345	Harrison	A C Cookman	Berry Energy, Inc.	Hampshire Grp	Gas	2290	PLUGGED	39.174040	-80.336672
8	4703300360	Harrison	Jesse C Stout	UNKNOWN	Unknown	not available	-	ABANDONED	39.177540	80.344523
9	4703300369	Harrison	S D B Church	UNKNOWN	Unknown	not available	-	ABANDONED	39.170834	80.343766
10	4703300375	Harrison	G Kennedy	Dominion Energy Transmission, Inc.	Gantz	Storage	1738	ACTIVE	39.153614	80.328570
11	4703300434	Harrison	H V Stout	Dominion Energy Transmission, Inc.	Thirty-foot	Storage	2130	PLUGGED	39.186364	-80.333145
12	4703300548	Harrison	Mollie V Bassel	Eastern Gas Transmission & Storage, Inc.	Benson	Storage	4350	ACTIVE	39.167365	80.342817
13	4703300549	Harrison	William & Evelyn Booth	Eastern Gas Transmission & Storage, Inc.	Benson	Gas	4510	ACTIVE	39.168981	-80.316999
14	4703300654	Harrison	A V Knisley	Dominion Energy Transmission, Inc.	Fifty-foot	Storage	1748	ACTIVE	39.160434	80.337146
15	4703300664	Harrison	J McWhorter	Dominion Energy Transmission, Inc.	Greenland Gap Fm	Storage	1915	ACTIVE	39.156759	80.321354
16	4703300670	Harrison	E Conley	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Storage	2204	ACTIVE	39.159938	80.317192
17	4703300672	Harrison	M V Bassell	Eastern Gas Transmission & Storage, Inc.	Fifth	Storage	2233	ACTIVE	39.170634	80.343153
18	4703300679	Harrison	A V Knisley	Dominion Energy Transmission, Inc.	Fifty-foot	Storage	2160	PLUGGED	39.167928	-80.335427
19	4703300683	Harrison	J R Cochran	Dominion Energy Transmission, Inc.	Hampshire Grp	Storage	1857	PLUGGED	39.159961	80.322333
20	4703300685	Harrison	A V Knisley	Eastern Gas Transmission & Storage, Inc.	Fifty-foot	Storage	1940	ACTIVE	39.165325	80.338946
21	4703300686	Harrison	Lloyd Stout	Eastern Gas Transmission & Storage, Inc.	Gordon	Storage	2051	PLUGGED	39.175673	80.347338
22	4703300692	Harrison	J C Stout	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	1950	PLUGGED	39.172276	80.346468
23	4703300717	Harrison	E H Stout	Eastern Gas Transmission & Storage, Inc.	Fifty-foot	Storage	1996	ACTIVE	39.183751	80.351779
24	4703300734	Harrison	J VanHorn	Dominion Energy Transmission, Inc.	Fifty-foot	Storage	1998	ACTIVE	39.179031	-80.330986
25	4703300748	Harrison	Stella M Clovis	Dominion Energy Transmission, Inc.	Benson	Dry w/ Gas Show	4800	PLUGGED	39.182591	-80.342461
26	4703300752	Harrison	L A Bond	Eastern Gas Transmission & Storage, Inc.	Fifty-foot	Storage	1965	ACTIVE	39.176914	80.320698
27	4703300753	Harrison	L A Bond	Dominion Energy Transmission, Inc.	Thirty-foot	Storage	2047	PLUGGED	39.172529	-80.327067
28	4703300756	Harrison	Luther A Bond	Dominion Energy Transmission, Inc.	Hampshire Grp	Storage	2225	ACTIVE	39.175790	-80.326687
29	4703300769	Harrison	Charles D Lewis	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Storage	2015	PLUGGED	39.185082	-80.323884
30	4703300770	Harrison	R Bond	Dominion Energy Transmission, Inc.	Fifty-foot	Storage	2000	PLUGGED	39.180562	-80.329214
31	4703300777	Harrison	Levi Paugh	Dominion Energy Transmission, Inc.	Fifty-foot	Storage	1912	PLUGGED	39.188318	-80.328247
32	4703300787	Harrison	H W Booth	Dominion Energy Transmission, Inc.	Fifty-foot	Storage	2005	ACTIVE	39.175955	-80.332920
33	4703300790	Harrison	J W Smith	Dominion Energy Transmission, Inc.	Thirty-foot	Storage	1967	ACTIVE	39.168736	-80.338553

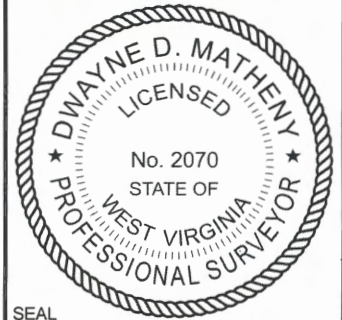
34	4703300791	Harrison	J W Smith	Dominion Energy Transmission, Inc.	Fifty-foot	Storage	2000	ACTIVE	39.170850	-80.333484
35	4703300801	Harrison	L A Bond	Dominion Energy Transmission, Inc.	Fifty-foot	Storage	3005	PLUGGED	39.174034	-80.322141
36	4703300802	Harrison	W C Cookman	Dominion Energy Transmission, Inc.	Thirty-foot	Storage	1947	ACTIVE	39.171928	-80.329949
37	4703300824	Harrison	Sarah Davis	Dominion Energy Transmission, Inc.	Fifth	Observation	2126	ACTIVE	39.152391	80.333069
38	4703300836	Harrison	Rebecca Bond	Dominion Energy Transmission, Inc.	Fifth	House Gas	2304	ACTIVE	39.178587	-80.324409
39	4703300837	Harrison	R B Bartlett	Eastern Gas Transmission & Storage, Inc.	Thirty-foot	Storage	2269	ACTIVE	39.158486	80.312720
40	4703300842	Harrison	Rebecca Bond	Eastern Gas Transmission & Storage, Inc.	Thirty-foot	Storage	1935	PLUGGED	39.182156	-80.321105
41	4703300891	Harrison	Worthy C Hall	Eastern Gas Transmission & Storage, Inc.	Benson	Gas	4488	ACTIVE	39.164659	80.337327
42	4703301050	Harrison	Bassell	Eastern Gas Transmission & Storage, Inc.	Fifth	Gas	2314	PLUGGED	39.167548	80.339596
43	4703301064	Harrison	Ruth D Curry	Eastern Gas Transmission & Storage, Inc.	Unknown	Unknown	-	PLUGGED	39.188251	-80.324645
44	4703301303	Harrison	J Nichols	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Gas	2465	ACTIVE	39.191153	-80.325205
45	4703301446	Harrison	S Blake	Diversified Production LLC	Hampshire Grp	Gas	2509	ACTIVE	39.210033	-80.348425
46	4703301549	Harrison	R Wagner	Diversified Production LLC	Unknown	Gas	-	ABANDONED	39.169674	-80.317192
47	4703301700	Harrison	Glen A. Lang, et al	Eastern Gas Transmission & Storage, Inc.	Benson	Gas	4697	ACTIVE	39.194738	-80.326274
48	4703301912	Harrison	D.L. Nutter	Eastern Gas Transmission & Storage, Inc.	Benson	Gas	4335	ACTIVE	39.19275	80.287450
49	4703302076	Harrison	A V Knisley	Eastern Gas Transmission & Storage, Inc.	Benson	Gas	4227	ACTIVE	39.157853	80.338160
50	4703302257	Harrison	A Knisley	Dominion Energy Transmission, Inc.	Fourth	Storage	2279	ACTIVE	39.167100	-80.329949
51	4703302348	Harrison	John Perry	UNKNOWN	Alexander	Dry w/ Gas Show	4956	PLUGGED	39.208727	80.340226
52	4703302764	Harrison	Sarah Heldreth	Eastern Gas Transmission & Storage, Inc.	Unknown	not available	-	PLUGGED	39.190525	80.350707
53	4703304555	Harrison	Nellie M Gaston et al	Eastern Gas Transmission & Storage, Inc.	Fifty-foot	Gas	2140	ACTIVE	39.203808	-80.331514
54	4703304630	Harrison	John D Dotson/B Alvarado	Diversified Production LLC	Greenland Gap Fm	Gas	4731	ACTIVE	39.203997	-80.331408
55	4703304666	Harrison	John Perry	Genesis Exploration & Production Co., LLC	Marcellus Fm	Dry	4975	PLUGGED	39.204654	80.335195
56	4703304738	Harrison	G Diane Sullivan	Mountain V Oil & Gas, Inc.	Greenland Gap Fm	Gas	4988	ACTIVE	39.209196	-80.351785
57	4703304875	Harrison	D L Nutter	Eastern Gas Transmission & Storage, Inc.	Greenland Gap Fm	Storage	2362	PLUGGED	39.164004	80.343017
58	4703306019	Harrison	David K Scranage	HG Energy II Appalachia, LLC	Marcellus Fm	Gas	7080	PERMIT ISSUED	39.155642	-80.325170
59	4703330173	Harrison	Ira B. & W. E. Fleming	Cumberland & Allegheny Gas Co.	Hampshire Grp	Gas	2308	PLUGGED	39.195953	-80.335381
60	4703330444	Harrison	A D Bassell	Cumberland & Allegheny Gas Co.	Hampshire Grp	Gas	2186	PLUGGED	39.169964	80.343952
61	4703330844	Harrison	H T Atkinson	Hope Natural Gas Company	Greenland Gap Fm	Gas	2649	UNKNOWN	39.209888	-80.331354
62	4703331112	Harrison	Ella B Carper	Hope Natural Gas Company	Hampshire Grp	Gas	2350	PLUGGED	39.191840	-80.341333
63	4703331353	Harrison	J G Jackson	Hope Natural Gas Company	Hampshire Grp	Gas	2495	UNKNOWN	39.204216	-80.328372
64	4703331358	Harrison	S L Blake	Hope Natural Gas Company	Fifth	Gas	2339	PLUGGED	39.209453	80.342090
65	4703331768	Harrison	M L Haselden	Hope Natural Gas Company	Hampshire Grp	Gas	2487	PLUGGED	39.210178	80.340040
66	4703331911	Harrison	D L Nutter	Consolidated Gas Supply Corp.	Greenland Gap Fm	Storage	2235	PLUGGED	39.159357	80.341529
67	4703331918	Harrison	V G Young	Consolidated Gas Supply Corp.	Gordon	Storage	2000	UNKKNOWN	39.163320	-80.330355
68	4703331922	Harrison	J M Batton	Consolidated Gas Supply Corp.	Greenland Gap Fm	Storage	2227	PLUGGED	39.168077	-80.327067
69	4703331926	Harrison	R Carpenter	Consolidated Gas Supply Corp.	Thirty-foot	Storage	2000	PLUGGED	39.162986	-80.319800

70	4703331931	Harrison	J Van Horn	Consolidated Gas Supply Corp.	Greenland Gap Fm	Storage	2341	PLUGGED	39.179107	-80.335194
71	4703331933	Harrison	E H Stout	Consolidated Gas Supply Corp.	Greenland Gap Fm	Storage	2480	PLUGGED	39.189267	-80.347120
72	4703370481	Harrison	Lucius Davis	Oper in Min.owner fld,no code assgn(Orphan well proj)	Unknown	Unknown	-	UNKNOWN	39.211339	-80.342834
73	4703370482	Harrison	Isaac Watson	UNKNOWN	Unknown	Unknown	-	UNKNOWN	39.198858	-80.337803
74	4703370483	Harrison	Levi Paugh	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.189569	-80.326583
75	4703370484	Harrison	Seven Day Baptist	Lost Creek Oil & Gas Company	Unknown	Unknown	-	UNKNOWN	39.171282	-80.342647
76	4703370487	Harrison	Ed Conley	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.160083	-80.316706
77	4703370488	Harrison	C S Gribbel	Lost Creek Oil & Gas Company	Unknown	Unknown	-	UNKNOWN	39.155874	-80.332917
78	4703373809	Harrison	W B Fleming	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.193766	-80.343207
79	4703373810	Harrison	Orie Watson	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.197975	-80.344139
80	4703373811	Harrison	Orie Watson	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.197975	-80.339481
81	4703373812	Harrison	Alice Benjamin	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.200878	-80.344884
82	4703373813	Harrison	Alice Benjamin	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.201458	-80.339481
83	4703373814	Harrison	John Perry	Oper in Min.owner fld,no code assgn(Orphan well proj)	Unknown	Unknown	-	UNKNOWN	39.202619	-80.344884
84	4703373815	Harrison	John Perry	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.204506	-80.341716
85	4703373816	Harrison	Jutchinson Coal Co	UNKNOWN	Unknown	Unknown	-	UNKNOWN	39.212645	-80.345257
86	4703373858	Harrison	C E Davisson	UNKNOWN	Unknown	Unknown	-	UNKNOWN	39.211774	-80.340226
87	4703373859	Harrison	John Perry	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.208424	-80.339667
88	4703373860	Harrison	Alice Benjamin	Oper in Min.owner fld,no code assgn(Orphan well proj)	Unknown	Unknown	-	UNKNOWN	39.203926	-80.338176
89	4703373861	Harrison	White & Bassell	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.197830	-80.336126
90	4703373862	Harrison	White & Bassell	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.200297	-80.331168
91	4703373863	Harrison	W B Fleming	Oper in Min.owner fld,no code assgn(Orphan well proj)	Unknown	Unknown	-	UNKNOWN	39.197394	-80.330982
92	4703373864	Harrison	W B Fleming	West Virginia Central Gas Co.	Unknown	Unknown	-	UNKNOWN	39.195798	-80.335008
93	4703373865	Harrison	Walter Bond	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.193330	-80.336312

94	4703373866	Harrison	L H Young	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.193185	-80.330796
95	4703373867	Harrison	J C Michaels	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.196814	-80.327255
96	4703373869	Harrison	Alice Benjamin	UNKNOWN	Unknown	Unknown	-	UNKNOWN	39.202765	-80.329864
97	4703373916	Harrison	A S Gatrell	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.162986	-80.309925
98	4703373926	Harrison	Milton S Davis	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.152075	80.335648
99	4703373927	Harrison	L E Davis	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.157599	80.331911
✓ 100	4703373928	Harrison	C S Gribble	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.158051	-80.327813
101	4703373929	Harrison	John M Batten	Hope Natural Gas Company	Unknown	Unknown	-	UNKNOWN	39.171796	80.323754
SOURCE: WVGES DATASET (2023) and WVDEP WEBSITE AND FIELD SURVEYS					YELLOW DENOTES WELL WITH TVD > 4,500'			GREEN DENOTES SURVEYED WELLS		
UPDATED 7/5/2024										

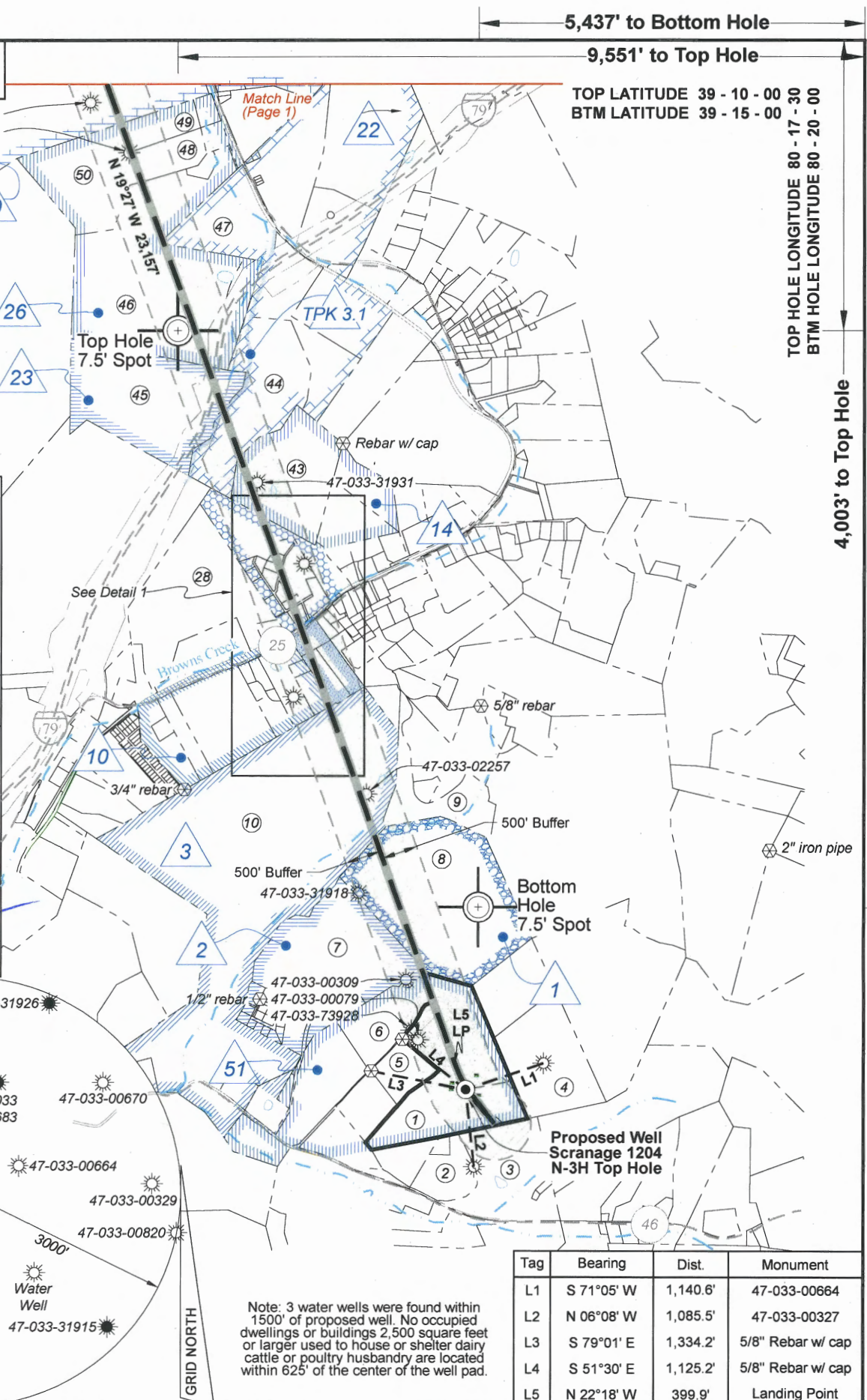
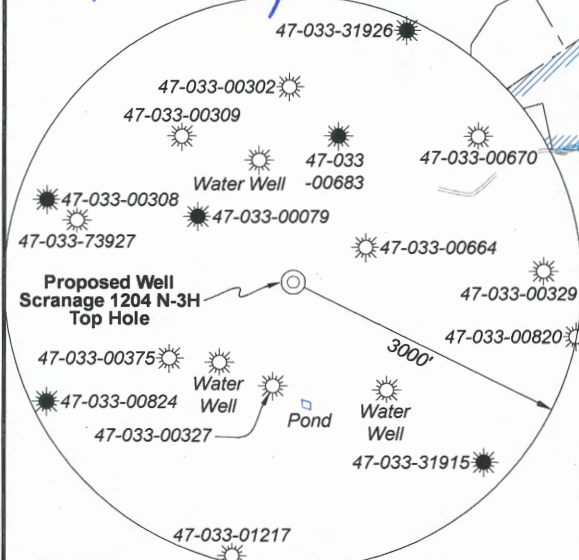
HG Energy II Appalachia, LLC
Well No. Scranage 1204 N-3H
BH-MOD

Page 1 of 4
47-033-73809
47-033-31112



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 rules issued and prescribed by the Department of Environmental Protection.

Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070



Tag	Bearing	Dist.	Monument
L1	S 71°05' W	1,140.6'	47-033-00664
L2	N 06°08' W	1,085.5'	47-033-00327
L3	S 79°01' E	1,334.2'	5/8" Rebar w/ cap
L4	S 51°30' E	1,125.2'	5/8" Rebar w/ cap
L5	N 22°18' W	399.9'	Landing Point

FILE NO: 155-36-G-19
DRAWING NO: Scranage 1204 N-3H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

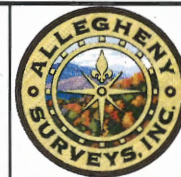
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: August 7 20 25
OPERATOR'S WELL NO. Scranage 1204 N-3H
API WELL NO
47 — 033 — 06099
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: 1,247.6' WATERSHED: Lost Creek
DISTRICT: Grant
SURFACE OWNER: David K. Scranage
ROYALTY OWNER: Waco Oil & Gas Co., Inc., et al LEASE NO: ACREAGE: 140
PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH-MOD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,080' TVD 30,900' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

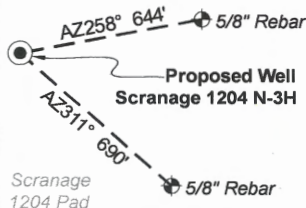
08/08/2025



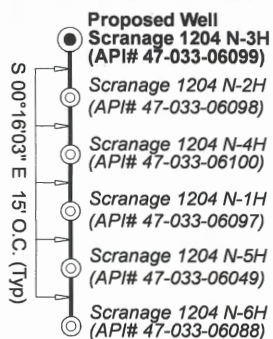
Scranage 1204 N-3H
Bottom Hole

See Detail 2

Well Location References
Not to Scale



Wellhead Layout (NTS)



Legend

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)

West Virginia Coordinate
System of 1927, North Zone
based upon Differential GPS
Measurements.

Notes: Well No.
Scranage 1204 N-3H
WVCS 1927, North Zone
Top Hole Coordinates
Lat: 39°09'20.42"
Lon: 80°19'31.29"
Landing Point Coordinates
Lat: 39°09'24.09"
Lon: 80°19'33.18"
Bottom Hole Coordinates
Lat: 39°13'00.46"
Lon: 80°21'09.11"

UTM Zone 17, NAD 1983

Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

Notes: Well No.
Scranage 1204 N-3H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,220,047.19'
E: 1,831,711.22'
Landing Point Coordinates
N: 14,220,417.16'
E: 1,831,559.51'
Bottom Hole Coordinates
N: 14,242,244.20'
E: 1,823,849.59'

Notes: Well No.
Scranage 1204 N-3H
UTM NAD 1983 (Meters)
Top Hole Coordinates
N: 4,334,279.052m
E: 558,306.696m
Landing Point Coordinates
N: 4,334,391.819m
E: 558,260.455m
Bottom Hole Coordinates
N: 4,341,044.714m
E: 555,910.467m

FILE NO: 155-36-G-19

DRAWING NO: Scrannage 1204 N-3H Well Plat

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

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

DATE: August 7 20 25

OPERATOR'S WELL NO. Scrannage 1204 N-3H

API WELL NO

47 — 033 — 06099
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
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LEASE NO: ACREAGE: 140

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☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH-MOD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,080' TVD
30,900' MD

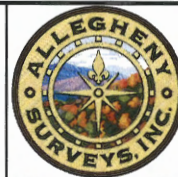
WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

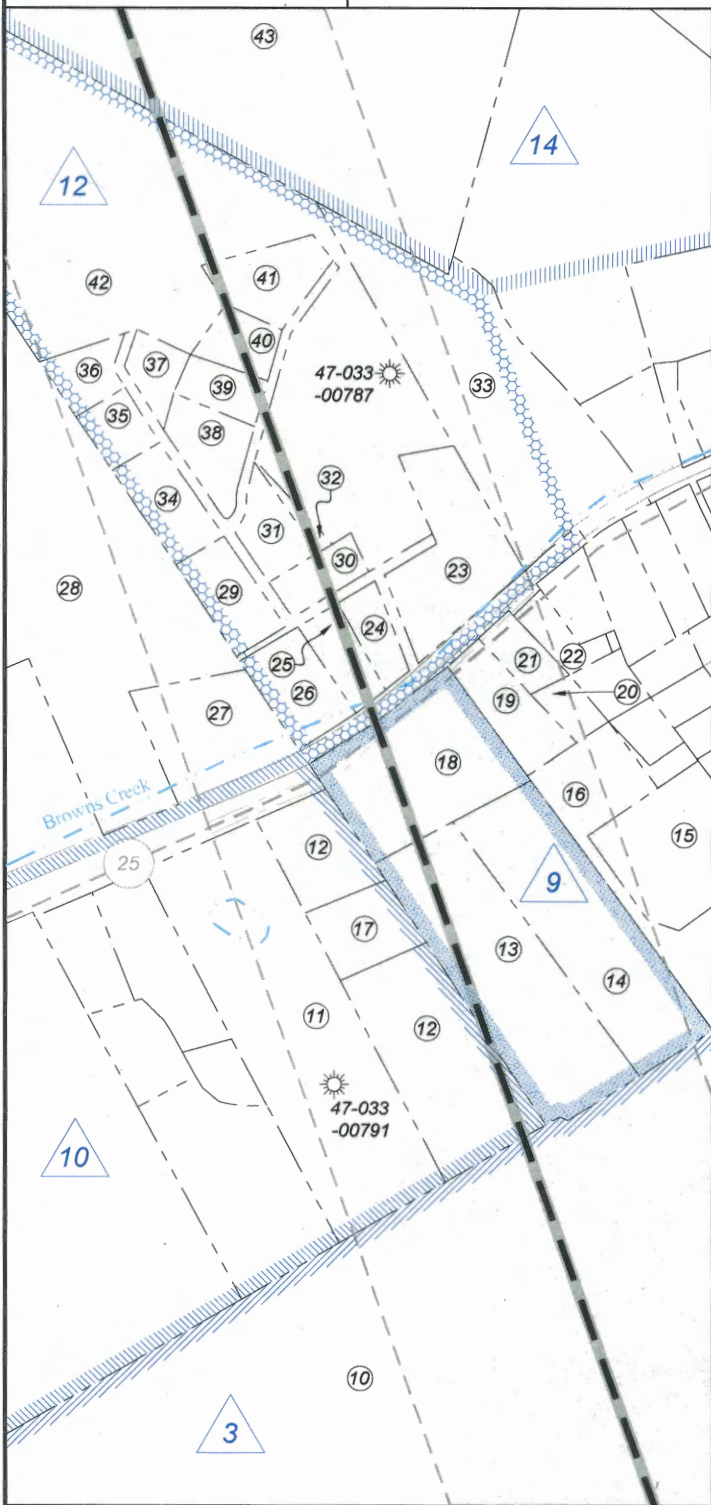
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

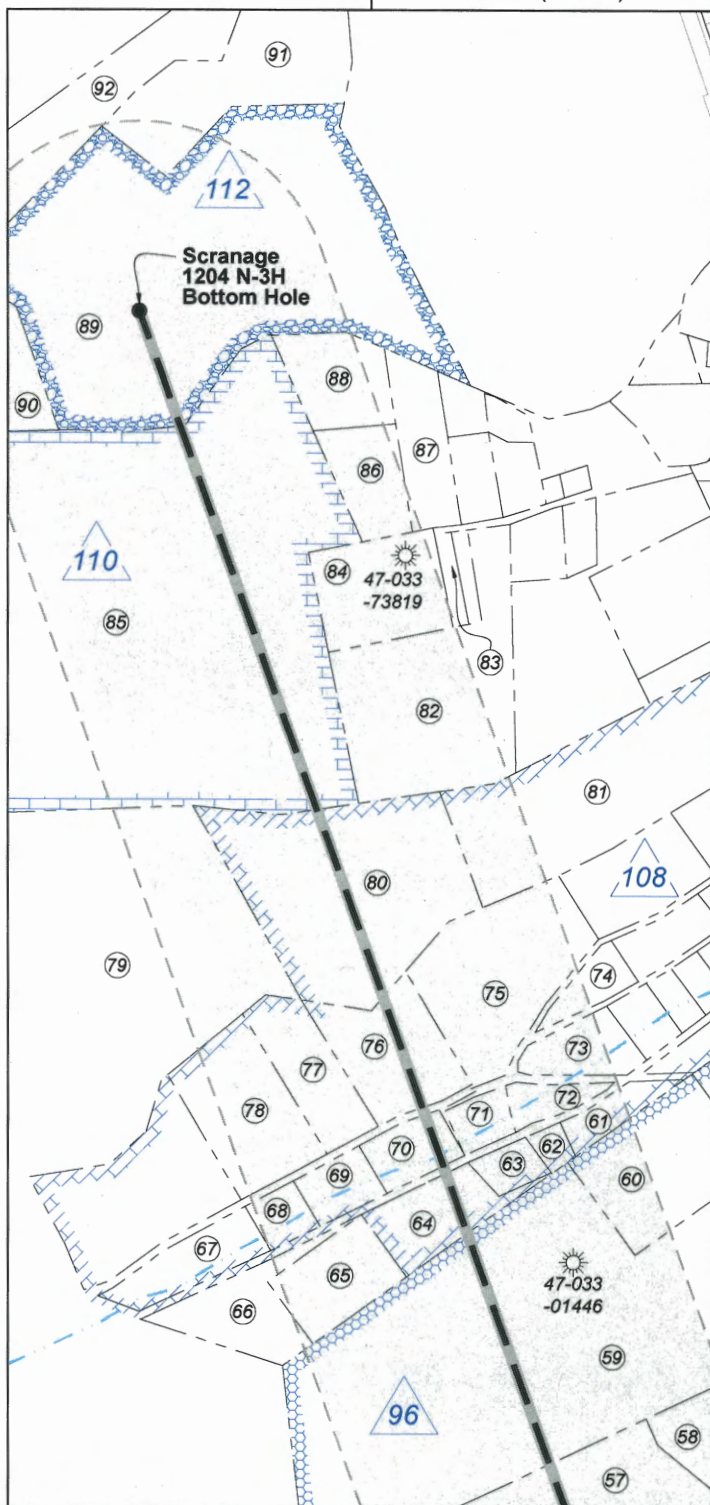
08/08/2025



Detail 1 (1"=500')



Detail 2 (1"=500')



FILE NO: 155-36-G-19

DRAWING NO: Scrannage 1204 N-3H Well Plat

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
 Submeter

PROVEN SOURCE OF ELEVATION:
 CORS, Bridgeport, WV

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

DATE: August 7 20 25

OPERATOR'S WELL NO. Scrannage 1204 N-3H

API WELL NO

47 — 033 — 06099
 STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
 (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: 1,247.6' WATERSHED: Lost Creek

DISTRICT: Grant

SURFACE OWNER: David K. Scrannage

ROYALTY OWNER: Waco Oil & Gas Co., Inc., et al

LEASE NO: ACREAGE: 140

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WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road
 Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road
 Parkersburg, WV 26101

QUADRANGLE: Mount Clare

COUNTY: Hancock

ACREAGE: 56.48

DATE: 08/08/2025



ID	Lease
1	Vernie G. Young
2	June R. Ladwig
3	Alice V. & Thomas J. Knisley
9	William C. & Martha E. Lowther, et al
10	J.W. & S.E. Smith
12	Howard W. & Virginia L. Booth, et al
14	James E. & Emma L. Vanhorn
22	Bertsyle E. & Betty Bohn, et al
23	Stella M. Clovis, et al
26	Geraldine S. Muscari
29	W.B. & Louise M. Fleming
31	Anita S. Burns, et al
38	John P. Lowry, et al
40	Alice J. & Albert Benjamin
51	C.S. Gribble
96	Stephen L. & Ester A. Blake, et al
108	Joseph M. Fleming, et al
110	Mady McNemar, et al
112	Waco Oil & Gas & Mike Ross, Inc.
TPK 3.1	WV DOT Division of Highways, Right of Way Division

Harrison County				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	447 / 9	David K. Scranage	1259 / 986	56.48
2	447 / 13.4	Neal B. Swiger	1593 / 942	11.83
3	447 / 13	Sonja R. & James W. Rogers, et al	1410 / 858	33.62
4	427 / 37	John R. & Francis K. Alsbrooks	1604 / 1043	30.00
5	447 / 9.5	Albert M. Taylor	1399 / 309	10.02
6	427 / 47	Jason L. Borchers Special Needs Trust	1558 / 1171	18.93
7	427A / 16	James D. & Antoinette M. Kelley	1394 / 48	57.32
8	427 / 29	David K. Scranage	1411 / 903	91.00
9	427 / 30	Charlotte S. Snad	1320 / 878	20.79
10	427 / 28	Worthy C. Hall	1577 / 627	248.44
11	427 / 22	Cathy D. Bennett, et al	1598 / 5	8.00
12	427 / 23	Alfred P. & Judith A. Trevison	857 / 17	5.20
13	427 / 24.1	Rodney K. & Melody D. Cooper	1183 / 144	5.68
14	427 / 24.2	Rodney K. Cooper, Sr., et al	1482 / 59	4.17
15	427 / 25.8	Alicia N. & Donald A. Thompson	1354 / 646	2.69
16	427 / 25	Rodney K. Cooper, Sr., et al	1482 / 59	5.25
17	427 / 23.1	James K. & Colleen K. Linger	1198 / 320	1.01
18	427 / 24	Rodney K. Cooper, Sr., et al	1482 / 59	2.55
19	427 / 25.1	Rodney K. Cooper, Sr., et al	W198 / 852	1.14
20	427 / 25.5	Donald & Audrey Loudon	1713 / 633	0.39
21	427 / 25.2	Daniel R. Atha, Jr.	1712 / 266	0.53
22	427 / 9	Kimberly S. Atha	1448 / 380	0.49
23	427 / 8	Loretta A. Snider	F90 / 178	2.41
24	427 / 39	Sonja L. Bayless	1037 / 567	0.55
25	427 / 39.1	Michael P. & Linda K. Norman	1349 / 78	0.66
26	427 / 43	Maxima Barcinas	1294 / 609	1.18
27	427 / 6.6	Yatti, LLC	1644 / 287	2.10
28	427 / 6	Maxima Barcinas	1294 / 609	55.48
29	427 / 44	Roger W. & Debra A. Leonard	1001 / 486	0.96
30	427 / 40.2	Anne E. Burleigh	1241 / 1010	0.60
31	427 / 40	Connie Hugar	1615 / 605	0.76
32	427 / 52	Connie Hugar	1615 / 605	0.16
33	407 / 64	Thea Cooper	1429 / 430	6.50
34	427 / 45	Phillip D. & Elizabeth C. Messenger	1282 / 464	0.99
35	407 / 63.3	Phillip D. & Elizabeth C. Messenger	1282 / 464	0.57
36	407 / 63.2	Eugene Harris, et al	1577 / 1170	0.60
37	407 / 63.1	Eugene Harris, et al	1577 / 1170	0.54
38	427 / 40.1	Michael D. & Kelly K. Messenger	1367 / 1233	0.93
39	407 / 64.3	Michael D. & Kelly K. Messenger	1367 / 1233	0.59
40	407 / 63.5	KSP Properties, LLC	1620 / 747	0.62
41	407 / 63.6	Nancy B. Ball (LE), et al	1370 / 847	1.08
42	407 / 63	Stephen F. & Kristi J. Ramsey	1583 / 821	19.53
43	407 / 51	Michael D. & Diane L. Crim	1610 / 359	43.61
44	407 / 50	Susan D. Shingleton, et al	1353 / 727	45.74
45	407 / 49	PSM Holdings, LLC, et al	1749 / 1312	57.47
46	407 / 26	Charles Wheeler, Jr. Estate, et al	1565 / 559	97.90
47	407 / 30	Jerree A. & John David Stout	1606 / 100	25.13

Harrison County				
No.	TM / Par	Owner	Bk / Pg	Ac.
48	407 / 5	Candace S. Wheeler	F125 / 30	9.64
49	407 / 4	Rick L. Griggs (LE), et al	1501 / 79	10.00
50	407 / 3	Ronald D. Wheeler, et al	1737 / 575	34.90
51	387 / 47	John W. Carpenter, et ux, et al	1416 / 882	130.41
52	387 / 37	Dennis & Debbie Zickefoose	1476 / 352	83.43
53	387 / 29	Lorna J. Perry	1140 / 1146	145.26
54	387 / 28	Perry M. Hudkins	F117 / 305	87.88
55	387 / 28.1	James & Joalynn Paugh	1455 / 17	10.12
56	387 / 15.4	Linda J. Gregory	1556 / 860	23.11
57	387 / 15.11	Dana S. Talerico	1300 / 1269	14.00
58	387 / 15.10	Dana S. Talerico	1300 / 1269	8.04
59	387 / 15.1	Ronald G. Shaver	1581 / 163	32.44
60	387 / 15.2	Michael A. Mano	W112 / 116	2.00
61	2011 / 29	Michael A. Mano	1352 / 629	0.80
62	2011 / 29.1	Cheryl R. Donald J. Hornton	1358 / 558	0.21
63	2011 / 28.1	Harvey Wright Estate, et al	F107 / 983	0.42
64	2011 / 28	Harvey Wright Estate, et al	F107 / 983	1.58
65	2011 / 2	GDS WV Holdings, LLC	1521 / 1096	1.35
66	2011 / 1	GDS WV Holdings, LLC	1521 / 1096	1.47
67	2011 / 16	James E. & Mollie Everett Estate	590 / 373	0.44
68	2011 / 17	Angeline Koch	1216 / 1019	0.46
69	2011 / 18	Harley D.L. Whaley	W210 / 442	0.65
70	2011 / 19	Roger W. Wright	1255 / 503	0.76
71	2011 / 20.1	Tiffany L. & John D. Carpenter, Jr.	1353 / 932	0.46
72	2011 / 20	Donald L. & Autumn F. Kreiling	1693 / 984	0.51
73	2011 / 21	Michael A. & Deborah Mano Estate	1461 / 32	1.18
74	2011 / 14.1	John D. Carpenter	1042 / 516	0.52
75	2011 / 11	John D. Carpenter, et al	1592 / 959	3.11
76	2011 / 10	Kevin & Janet Critchfield	1428 / 1105	2.23
77	2011 / 9	Kevin & Janet Critchfield	1428 / 1105	1.49
78	2011 / 7	Janet L. Critchfield	1372 / 163	2.33
79	386 / 37	GDS WV Holdings, LLC	1521 / 1096	29.64
80	2011 / 1	William J. & Virginia E. Kreiling	955 / 100	6.08
81	2011 / 27	William J. & Virginia E. Kreiling	955 / 100	9.21
82	2010 / 37	Madeline Dean (LE), et al	1502 / 700	5.06
83	2010 / 35	Kyle Montgomery	1631 / 514	0.24
84	2010 / 67	Alonzo F. McCullough, Jr., et ux, et al	W186 / 5	2.00
85	367 / 68	Alonzo F. McCullough, Jr., et ux, et al	W186 / 5	36.56
86	2010 / 66	Alonzo F. McCullough, Jr., et ux, et al	W186 / 5	1.03
87	2010 / 2	Adam Robinson & Jami McCullough	1725 / 1185	1.25
88	2010 / 1	Charles J. McCullough	1542 / 1146	1.25
89	367 / 51	Mike Ross, Inc., et al	1741 / 598	15.45
90	367 / 50	Mike Ross, Inc.	1362 / 471	6.15
91	2009 / 12	Ralph Starr Estate, et al	F120 / 875	8.27
92	2009 / 11	William D. & Cheryl J. Pringle	1337 / 541	3.83

FILE NO: 155-36-G-19

DRAWING NO: Scranage 1204 N-3H Well Plat

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:

Submeter

PROVEN SOURCE OF ELEVATION:

CORS, Bridgeport, WV

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

DATE: August 7 20 25

OPERATOR'S WELL NO. Scranage 1204 N-3H

API WELL NO

47 — 033 — 06099
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

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QUADRANGLE: Mount Clare

DISTRICT: Grant

COUNTY: Harrison

SURFACE OWNER: David K. Scranage

ACREAGE: 140

ROYALTY OWNER: Waco Oil & Gas Co., Inc., et al

LEASE NO:

ACREAGE: 140

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH-MOD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,080' TVD 30,900' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

WW-6A1
(5/13)

Operator's Well No. Scrannage 1204 N-3H

**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
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See Attached Sheets

Co-Tenancy utilization - At least 75% of the royalty owners have consented to the lawful use or development of the natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-Tenancy Act

Horizontal Well Unit Utilization - Subject to unitization filing with the WV Oil and Gas Conservation Commission

**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: HG Energy II Appalachia, LLC

By: Diane White *Diane White*

Its: Accountant

HG Energy II Appalachia, LLC
Scranage 1204 N-3H Lease Chain

1204N 3H Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
1	LC008503	12-0427-0029-0000	Q100618000	VERNIE G. YOUNG	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	121	125
				SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	204	402
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
2	LC069187	12-427A-0001-0000 THRU 12-427A-0010-0000 12-427A-0012-0000 THRU 12-427A-0014-0000 12-427A-0015-0000 12-427A-0015-0001 12-427A-0016-0000 12-427A-0016-0001 12-427A-0042-0000 12-427A-0066-0000 12-427A-0067-0000 12-427A-0073-0000 12-427A-0076-0000 THRU 12-427A-0080-0000 12-427A-0083-0000 THRU 12-427A-0086-0000	Q100849000	JUNE ROMINE LADWIG	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	831	465
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
3	LC043731	12-427-0028-0000 12-427-0028-0002	Q100823000	ALICE V. KNISLEY AND THOMAS J. KNISLEY, HER HUSBAND	FISHER OIL COMPANY	NOT LESS THAN 1/8	119	258
				FISHER OIL COMPANY	OLANDUS WEST	DEED	156	77
				OLANDUS WEST	JNO. T. P. O'BRIEN	ASSIGNMENT	155	407
				JNO. T. P. O'BRIEN	THE GRASSELLI CHEMICAL COMPANY	ASSIGNMENT	158	492
				GRASSELLI CHEMICAL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	381	163
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125

HG Energy II Appalachia, LLC
Scranage 1204 N-3H Lease Chain

1204N 3H Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
9	LC066814	12-0427-0024-0000 12-0427-0024-0001 12-0427-0024-0002		WILLIAM C. LOWTHER & MARTHA E. LOWTHER, HIS WIFE; W. T. SMITH & MABEL S. SMITH, HIS WIFE; R. CLIFTON SMITH & RUTH H. SMITH, HIS WIFE; ADRIENNE JOHN & J. HUGH JOHN, HER HUSBAND; MARGARET SMITH; MABEL S. VIGOR & R. G. VIGOR, HER HUSBAND; RICHARD T. SMITH & ANN P. SMITH, HIS WIFE; JOSEPHINE KELLY & CLYNES B. KELLY, HER HUSBAND; BETTY S. WILSON & IRVIN WILSON, HER HUSBAND; LILLIAN S. TOOTHMAN & E. J. TOOTHMAN, HER HUSBAND				
				HOPE NATURAL GAS COMPANY	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	781	34
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
10	LC015685	12-0427-0020-0001 12-0427-0021-0000 12-0427-0021-0001 12-0427-0021-0002 12-0427-0021-0003 12-0427-0021-0004 12-0427-0022-0000 12-0427-0023-0000 12-0427-0023-0001 12-0427-0006-0001 12-0427-0006-0002	Q100621000	J. W. SMITH AND S. E. SMITH, HISWIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	184	449
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295

HG Energy II Appalachia, LLC
Scranage 1204 N-3H Lease Chain

1204N 3H Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
12	LC066813	12-0407-0063-0000 12-0407-0064-0000 12-0427-0008-0000 12-0427-0039-0000 12-0427-0039-0001 12-0427-0043-0000 12-0427-0044-0000 12-0407-0063-0003 12-0427-0045-0000 12-0427-0040-0000 12-0427-0052-0000 12-0427-0002-0000 12-0427-0040-0001 12-0407-0063-0004 12-0407-0063-0005 12-0407-0063-0006 12-0407-0063-0001 12-0407-0063-0002	Q100537000	HOWARD W. BOOTH AND VIRGINIA L. BOOTH, HIS WIFE; W. T. SMITH AND MABEL S. SMITH, HIS WIFE; R. CLIFTON SMITH AND RUTH H. SMITH, HIS WIFE; ADRIENNE JOHN AND J. HUGH JOHN, HER HUSBAND; MARGARET SMITH, SINGLE; MABEL S. VIGOR AND R. G. VIGOR, HER HUSBAND; RICHARD T. SMITH AND ANN P. SMITH, HIS WIFE; JOSEPHINE KELLY AND CLYNES B. KELLY, HER HUSBAND; BETTY S. WILSON AND IRVIN WILSON, HER HUSBAND; AND LILLIAN S. TOOTHMAN AND E. J. TOOTHMAN, HER HUSBAND	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	780	590
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
14	LC043755	12-0407-0051-0000 p/o 12-0407-0064-0000 12-0407-0064-0001 12-0407-0064-0002 12-0407-0064-0003 12-0407-0065-0000 12-0407-0065-0004	Q100871000	JAMES VAN HORN AND EMMA L. VAN HORN, HIS WIFE	THE FISHER OIL COMPANY	NOT LESS THAN 1/8	119	263
				THE FISHER OIL COMPANY	OLANDUS WEST	ASSIGNMENT	156	77
				OLANDUS WEST	JNO. T. P. O'BRIEN	ASSIGNMENT	155	407
				JNO. T. P. O'BRIEN	THE GRASSELLI CHEMICAL COMPANY	ASSIGNMENT	158	492
				THE GRASSELLI CHEMICAL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	381	163
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
		12-0407-0015-0000 12-0407-0016-0000		BERTSYLE E. BOHN AND BETTIE BOHN, HIS WIFE; AND MOYNE B. WAGONER AND WALTER WAGONER, HER HUSBAND	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	1025	658
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250

HG Energy II Appalachia, LLC
Scrannage 1204 N-3H Lease Chain

1204N 3H Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
22	LC108131 LC085940 LC095026 LC090206	12-0407-0017-0000 12-0407-0018-0000 12-0407-0019-0000 12-0407-0020-0000 12-0407-0021-0000 12-0407-0022-0000 12-0407-0022-0001 12-0407-0028-0000 12-0407-0030-0000 12-0407-0030-0001 12-0407-0030-0002 12-0407-0032-0000 12-0407-0032-0001 12-0407-0032-0002 12-0407-0032-0003 12-0407-0050-0000	Q100954000 Q100246000 Q100519000 Q100527000	CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANYLLC AND NOBLE ENERGY	NOT LESS THAN 1/8	1551	969
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
						SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
TPK 3.1	HGII02966	N/A	HGII02966	West Virginia department of Transportation Division of Highways, Right of Way Division	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1749	184
23	LC066699	12-0407-0049-0000 p/o INTERSTATE 79	Q100880000	STELLA M. CLOVIS AND LIZZIE B. CONLEY, WIDOW	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	777	358
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	1522	33
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
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				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
						SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
26	LC066726	12-0407-0026-0000 12-0407-0026-0001 12-0407-0030-0000 12-0407-0030-0002 12-0407-0027-0000 12-0407-0003-0000 12-0407-0004-0000 12-0407-0005-0000 12-0407-0006-0000 12-0407-0007-0000 12-0407-0008-0000	Q101117000	GERALDINE S. MUSCARI, SINGLE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	779	97
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
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				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
						SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC			

HG Energy II Appalachia, LLC
Scranage 1204 N-3H Lease Chain

1204N 3H Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
29	LC069780	11-0387-0047-0000 11-0387-0048-0000 11-0387-0049-0000 11-0387-0050-0000 11-0387-0052-0000 11-0387-0052-0001 11-0387-0053-0000 11-0387-0054-0000 11-0387-0055-0000 11-0387-0056-0000 11-0387-0057-0000 11-0387-0058-0000 11-0387-0059-0000 11-0387-0060-0000 11-0387-0061-0000 11-0387-0062-0000 11-0387-0063-0000 12-0407-0009-0000 12-0407-0010-0000	Q101127000	W. B. FLEMING AND LOUISE M. FLEMING, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	840	313
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				JOSEPH C. QUINN AND RITH D. QUINN, EACH IN HIS OWN RIGHT AND AS HUSBAND AND WIFE (50%)	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	989	509
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
31	LC108119	12-0387-0028-0000 12-0387-0028-0001 12-0387-0016-0000 12-0387-0016-0001 12-0387-0017-0001 12-0387-0018-0000 12-0387-0019-0000	Q100504000 HGII0022 HGII0023 HGII0026	ANITA S. BURNS, SINGLE; JUDITH F. BURNS, DIVORCED; AND WILLIAM R. BURNS II, DIVORCED	DOMINION EXPLORATION & PRODUCTION, INC.	NOT LESS THAN 1/8	1385	1261
				DOMINION EXPLORATION & PRODUCTION, INC.	DOMINION TRANSMISSION, INC.	ASSIGNMENT	1457	978
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1621	1295
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
38	HUO Docket 405-493	"p/o 12-0387-0037 (southern p/o)"-00	HUO Docket 405-493	Joseph W. Wagoner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HUO Docket 405-493	"p/o 12-0387-0037 (southern p/o)"-00	HUO Docket 405-493	John T. Greene, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HUO Docket 405-493	"p/o 12-0387-0037 (southern p/o)"-00	HUO Docket 405-493	Christopher Greene	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HUO Docket 405-493	"p/o 12-0387-0037 (southern p/o)"-00	HUO Docket 405-493	William T. Ramsey	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HUO Docket 405-493	"p/o 12-0387-0037 (southern p/o)"-00	HUO Docket 405-493	Amy M. Chrisman	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HGII02067	"p/o 12-0387-0037 (southern p/o)"-00	HGII02067	Estate of William E. Watson, by Edward A. Watson and Lynn Ellen Neumann, as Co-Executors	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1724	603
	HGII02017	"p/o 12-0387-0037 (southern p/o)"-00	HGII02017	John P. Lowry	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1723	545
	HGII02751	"p/o 12-0387-0037 (southern p/o)"-00	HGII02751	William H. Greene	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1744	357

HG Energy II Appalachia, LLC
Scranage 1204 N-3H Lease Chain

1204N 3H Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
	HGII02608	"p/o 12-0387-0037 (southern p/o)"-00	HGII02608	John J. Greene	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1738	369
	HGII02676	"p/o 12-0387-0037 (southern p/o)"-00	HGII02676	Thomas L. Wagoner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1741	869
	HGII04521	"p/o 12-0387-0037 (southern p/o)"-00	HGII04521	Sarah Hoffman	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1774	1182
	HGII04547	"p/o 12-0387-0037 (southern p/o)"-00	HGII04547	Timothy Greene	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1775	1206
	HGII04522	"p/o 12-0387-0037 (southern p/o)"-00	HGII04522	Mary Greene Hinkle	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1774	1184
40	CNX 140843-000	12-0387-0037-0000	CNX 140843-000	ALICE JACKSON BENJAMIN AND ALBERT BENJAMIN	CONSOLIDATED GAS SUPPLY CORPORATION	NOT LESS THAN 1/8	975	618
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1524	491
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	1637	1081
51	LC008505	12-0447-0009-0000 12-0447-0009-0001 12-0447-0009-0002 12-0447-0009-0004 12-0447-0009-0005 12-0447-0046-0000 12-0447-0047-0000	Q100925000	C. S. GRIBBLE	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	121	152
				SOUTH PENN OIL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	204	402
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM FARMOUT AGREEMENT	1522	33
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	1543	1235
				DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	1576	125
				CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	1584	942
				NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1600	692
				DOMINION TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
				DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	1601	581
96		12-0387-0015-0000 thru 12-0387-0015-0016		STEPHEN L. BLACK AND ESTHER A. BLAKE, HIS WIFE; AND WILLIAM H. BLACK	OLANDUS WEST	NOT LESS THAN 1/8	162	184
				OLANDUS WEST	GRASSELLI CHEMICAL COMPANY	ASSIGNMENT	162	132
				GRASSELLI CHEMICAL COMPANY	HOPE NATURAL GAS COMPANY	ASSIGNMENT	381	163
				HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	903	179
				CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	1136	250
				CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
				CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362

HG Energy II Appalachia, LLC
Scrannage 1204 N-3H Lease Chain

1204N 3H Tract	LEGACY LEASE NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
				DOMINION TRANSMISSION, INC. (ET AL)	ANTERO RESOURCES APPALACHIAN CORPORATION	PARTIAL ASSIGNMENT	1423	1068
				ANTERO RESOURCES APPALAHIAN CORPORATION	ANTERO RESOURCES CORPORATION	MERGER/NAME CHANGE	2	914
				ANTERO RESOURCES CORPORATION	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	1739	756
108	HUO Docket 405-493	12-2011-1,	HUO Docket 405-493	Joseph M. Fleming and Northern Trust Bank of Florida, Co-Trustees of the Myers Testamentary Foundation (created under the Col. Eugene E. Myers Revocable Trust dated December 10, 1993) Fleming & Fleming, PLLC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-	HUO Docket 405-493
110 FP	HUO Docket 405-493	12-367-68; 12-2010-66--67	HUO Docket 405-493	Alonzo F. McCullough, Jr. by Charles J. McCullough, Power of Attorney	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HUO Docket 405-493		HUO Docket 405-493	Barbara Weaver AKA Barbara McNemar Weaver	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HUO Docket 405-493		HUO Docket 405-493	Shirley W. Anderson FKA Shirley W. McNemar	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HUO Docket 405-493		HUO Docket 405-493	Thomas J. McNemar	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HUO Docket 405-493		HUO Docket 405-493	Twila Cunningham	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HUO Docket 405-493		HUO Docket 405-493	Molly Feldman	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
	HUO Docket 405-493		HUO Docket 405-493	Mady McNemar	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	HUO Docket 405-493	HUO Docket 405-493
112	HGI04444	12-0367-0051-0000	HGI04444	WACO OIL & GAS	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1772	1255
	HGI04730	12-0367-0051-0000	HGI04730	MIKE ROSS INC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	1778	40



HG Energy, LLC
5260 Dupont Road
Parkersburg, WV 26101
(304) 420-1100 - Office
(304) 863-3172 - Fax

July 30, 2025

WV DEP
Division of Oil & Gas
Attn: Cragin Blevins
601 57th Street
Charleston, West Virginia 25304

RE: Scranage 1204 N-3H Drill Permit Revision Request – (47-033-06099)
Grant District, Harrison County
West Virginia

Dear Mr. Blevins -

Per our discussions, enclosed are revised forms (survey plat, mylar, WW-6B, casing schematic, and WW-6A1) and a check for expedited service for the 1221 N-3H well work permit revision request. We ask the permit be modified to include additional acquired leases and revised plans for the lateral.

Please let me know if you have any questions or require additional information. I can be reached at (304) 420-1119 or dwhite@hgenergyllc.com.

Very truly yours,

Diane White

Diane C. White

Enclosures

cc: Jeff Propst – WV DEP State Inspector

RECEIVED
Office of Oil and Gas
AUG 04 2025
WV Department of
Environmental Protection

08/08/2025