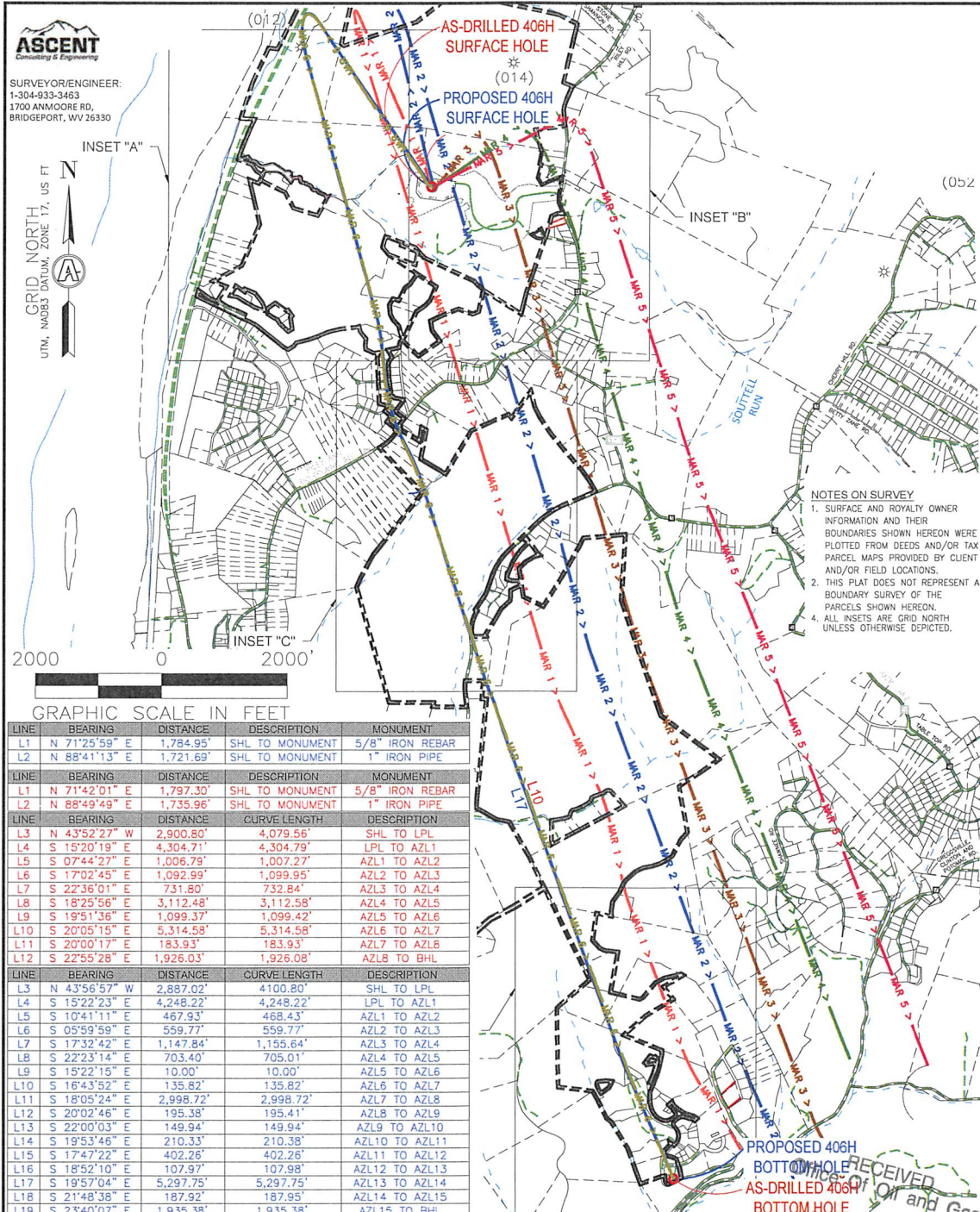
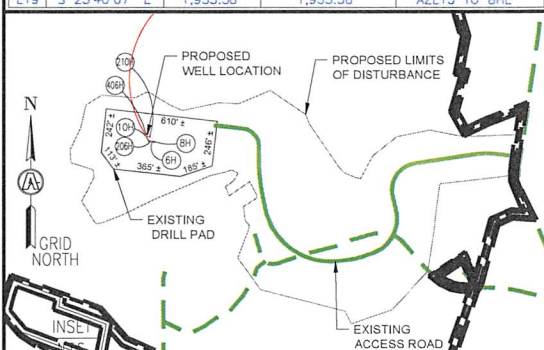




- NOTES ON SURVEY
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
 2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 3. ALL SURVEY DATA IS BASED ON THE GRID NORTH UNLESS OTHERWISE DEPICTED.
 4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 71°25'59" E	1,784.95'	SHL TO MONUMENT	5/8" IRON REBAR
L2	N 88°41'13" E	1,721.69'	SHL TO MONUMENT	1" IRON PIPE
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 71°42'01" E	1,797.30'	SHL TO MONUMENT	5/8" IRON REBAR
L2	N 88°49'49" E	1,735.96'	SHL TO MONUMENT	1" IRON PIPE
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 43°52'27" W	2,900.80'	4,079.56'	SHL TO LPL
L4	S 15°20'19" E	4,304.71'	4,304.79'	LPL TO AZL1
L5	S 07°44'27" E	1,006.79'	1,007.27'	AZL1 TO AZL2
L6	S 17°02'45" E	1,092.99'	1,099.95'	AZL2 TO AZL3
L7	S 22°36'01" E	731.80'	732.84'	AZL3 TO AZL4
L8	S 18°25'56" E	3,112.48'	3,112.58'	AZL4 TO AZL5
L9	S 19°51'36" E	1,099.37'	1,099.42'	AZL5 TO AZL6
L10	S 20°05'15" E	5,314.58'	5,314.58'	AZL6 TO AZL7
L11	S 20°00'17" E	183.93'	183.93'	AZL7 TO AZL8
L12	S 22°55'28" E	1,926.03'	1,926.08'	AZL8 TO BHL
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 43°52'57" W	2,887.02'	4,100.80'	SHL TO LPL
L4	S 15°22'23" E	4,248.22'	4,248.22'	LPL TO AZL1
L5	S 10°41'11" E	467.93'	468.43'	AZL1 TO AZL2
L6	S 05°59'59" E	559.77'	559.77'	AZL2 TO AZL3
L7	S 17°32'42" E	1,147.84'	1,155.64'	AZL3 TO AZL4
L8	S 22°23'14" E	703.40'	705.01'	AZL4 TO AZL5
L9	S 15°22'15" E	10.00'	10.00'	AZL5 TO AZL6
L10	S 16°43'52" E	135.82'	135.82'	AZL6 TO AZL7
L11	S 18°05'24" E	2,998.72'	2,998.72'	AZL7 TO AZL8
L12	S 20°02'46" E	195.38'	195.41'	AZL8 TO AZL9
L13	S 22°00'03" E	149.94'	149.94'	AZL9 TO AZL10
L14	S 19°53'46" E	210.33'	210.38'	AZL10 TO AZL11
L15	S 17°47'22" E	402.26'	402.26'	AZL11 TO AZL12
L16	S 18°52'10" E	107.97'	107.98'	AZL12 TO AZL13
L17	S 19°57'04" E	5,297.75'	5,297.75'	AZL13 TO AZL14
L18	S 21°48'38" E	187.92'	187.95'	AZL14 TO AZL15
L19	S 23°40'07" E	1,935.38'	1,935.38'	AZL15 TO BHL



NOTE: ANY UTILITIES OR IMPROVEMENTS SHOWN ON THIS PLAT ARE FROM REASONABLE VISUAL OBSERVATIONS. NO UTILITY COMPANIES WERE CONTACTED FOR UTILITY LINE LOCATIONS.

- LEGEND:
- PROPOSED SURFACE HOLE / BOTTOM HOLE
 - EXISTING / PRODUCING WELLHEAD
 - ABANDONED WELL
 - PLUGGED & ABANDONED WELL
 - LANDING POINT LOCATION
 - DRILLING UNIT
 - LEASE BOUNDARY
 - HARDLINE BOUNDARY
 - UPP 2 > UPPER POINT PLEASANT PATH
 - MAR 2 > MARCELLUS PATH

COMPANY: **expand**

OPERATOR'S: **ROTH OHI**

WELL #: **406H**

DISTRICT: **RICHLAND** COUNTY: **OHIO** STATE: **WV**

SWN PRODUCTION COMPANY, LLC
SURFACE HOLES

1. "ROTH-OHI 206H"
2. "ROTH-OHI 6H"
3. "ROTH-OHI 8H"
4. "ROTH-OHI 10H"
5. "ROTH-OHI 210H"
6. "ROTH-OHI 406H"

REVISIONS:

DATE: 05-21-2025

XXXXX

DRAWN BY: TMF

SCALE: 1" = 2000'

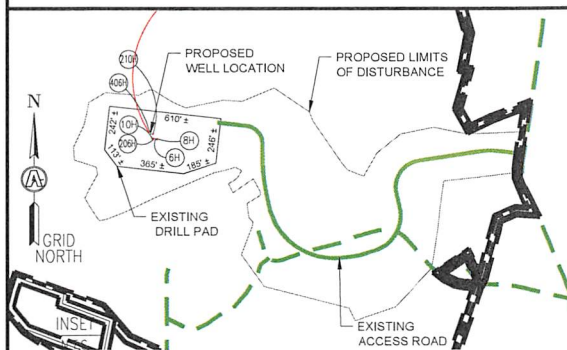
DRAWING NO: ACE-2598

INTERNAL WELL: **09/26/2025**



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

SURFACE HOLE LOCATION (SHL):	AZIMUTH POINT LOCATION (AZL8):
GEOGRAPHIC (NAD27): LATITUDE: 40.151147° LONGITUDE: -80.687209°	GEOGRAPHIC (NAD27): LATITUDE: 40.129804° LONGITUDE: -80.684249°
SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 603,594.703 EASTING: 1,668,129.179	SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 595,809.376 EASTING: 1,668,853.953
LANDING POINT LOCATION (LPL):	AZIMUTH POINT LOCATION (AZL9):
GEOGRAPHIC (NAD27): LATITUDE: 40.156874° LONGITUDE: -80.694353°	GEOGRAPHIC (NAD27): LATITUDE: 40.129299° LONGITUDE: -80.684012°
SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 605,707.260 EASTING: 1,666,159.906	SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 595,624.673 EASTING: 1,668,917.865
AZIMUTH POINT LOCATION (AZL1):	AZIMUTH POINT LOCATION (AZL10):
GEOGRAPHIC (NAD27): LATITUDE: 40.145615° LONGITUDE: -80.690374°	GEOGRAPHIC (NAD27): LATITUDE: 40.128917° LONGITUDE: -80.683813°
SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 601,591.235 EASTING: 1,667,217.787	SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 595,484.680 EASTING: 1,668,971.719
AZIMUTH POINT LOCATION (AZL2):	AZIMUTH POINT LOCATION (AZL11):
GEOGRAPHIC (NAD27): LATITUDE: 40.144351° LONGITUDE: -80.690069°	GEOGRAPHIC (NAD27): LATITUDE: 40.128373° LONGITUDE: -80.683559°
SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 601,129.867 EASTING: 1,667,296.878	SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 595,285.657 EASTING: 1,669,040.003
AZIMUTH POINT LOCATION (AZL3):	AZIMUTH POINT LOCATION (AZL12):
GEOGRAPHIC (NAD27): LATITUDE: 40.142822° LONGITUDE: -80.689867°	GEOGRAPHIC (NAD27): LATITUDE: 40.127320° LONGITUDE: -80.683125°
SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 600,572.059 EASTING: 1,667,346.083	SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 594,900.482 EASTING: 1,669,156.517
AZIMUTH POINT LOCATION (AZL4):	AZIMUTH POINT LOCATION (AZL13):
GEOGRAPHIC (NAD27): LATITUDE: 40.139813° LONGITUDE: -80.688642°	GEOGRAPHIC (NAD27): LATITUDE: 40.127039° LONGITUDE: -80.683001°
SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 599,471.574 EASTING: 1,667,673.855	SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 594,797.704 EASTING: 1,669,189.734
AZIMUTH POINT LOCATION (AZL5):	AZIMUTH POINT LOCATION (AZL14):
GEOGRAPHIC (NAD27): LATITUDE: 40.138025° LONGITUDE: -80.687692°	GEOGRAPHIC (NAD27): LATITUDE: 40.113346° LONGITUDE: -80.67660°
SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 598,816.549 EASTING: 1,667,930.924	SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 589,786.509 EASTING: 1,670,914.429
AZIMUTH POINT LOCATION (AZL6):	AZIMUTH POINT LOCATION (AZL15):
GEOGRAPHIC (NAD27): LATITUDE: 40.137998° LONGITUDE: -80.687683°	GEOGRAPHIC (NAD27): LATITUDE: 40.112866° LONGITUDE: -80.676352°
SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 598,806.862 EASTING: 1,667,933.413	SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 589,610.831 EASTING: 1,670,981.343
AZIMUTH POINT LOCATION (AZL7):	BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD27): LATITUDE: 40.137640° LONGITUDE: -80.687544°	GEOGRAPHIC (NAD27): LATITUDE: 40.107990° LONGITUDE: -80.673596°
SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 598,676.108 EASTING: 1,667,970.344	SPCS (NAD27, WEST VIRGINIA NORTH): NORTHING: 587,824.843 EASTING: 1,671,728.779



NOTE: ANY UTILITIES OR IMPROVEMENTS SHOWN ON THIS PLAT ARE FROM REASONABLE VISUAL OBSERVATIONS. NO UTILITY COMPANIES WERE CONTACTED FOR UTILITY LINE LOCATIONS.

LEGEND:	
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT
⊗ EXISTING / PRODUCING WELLHEAD	== LEASE BOUNDARY
⊗ ABANDONED WELL	— HARDLINE BOUNDARY
⊗ PLUGGED & ABANDONED WELL	— UPP 2 > — UPPER POINT PLEASANT PATH
LPL* LANDING POINT LOCATION	— MAR 2 > — MARCELLUS PATH

COMPANY:

expand

OPERATOR'S

ROTH OHI

WELL #:

406H

DISTRICT:

RICHLAND

COUNTY:

OHIO

STATE:

WV

SWN PRODUCTION COMPANY, LLC

SURFACE HOLES

1. "ROTH-OHI 206H"
2. "ROTH-OHI 6H"
3. "ROTH-OHI 8H"
4. "ROTH-OHI 10H"
5. "ROTH-OHI 210H"
6. "ROTH-OHI 406H"

REVISIONS:

DATE: 05-21-2025

XXXXX

DRAWN BY: TMF

SCALE: 1" = 2000'

DRAWING NO: ACE-2598

INTERNAL WELL NO: 406H

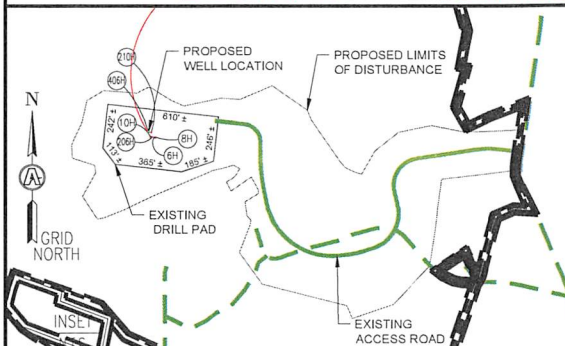
RECEIVED
Office Of Oil and Gas
SEP 11 2025
Department of Environmental Protection

09/26/2025



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD.
BRIDGEPORT, WV 26330

SURFACE HOLE LOCATION (SHL)	AZIMUTH POINT LOCATION (AZL3)	AZIMUTH POINT LOCATION (AZL7)
GEOGRAPHIC (NAD83): LATITUDE: 40.151226° LONGITUDE: -80.687012° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,581,955.569 EASTING: 1,727,875.710 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,444,588.947 EASTING: 526,657.570 SPCS, WV NORTH (NAD83): NORTHING: 603,633.912 EASTING: 1,636,693.363 GEOGRAPHIC (NAD27): LATITUDE: 40.151154° LONGITUDE: -80.687210° SPCS, WV NORTH (NAD27): NORTHING: 603,597.140 EASTING: 1,668,128.760	GEOGRAPHIC (NAD83): LATITUDE: 40.139963° LONGITUDE: -80.688551° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,577,852.685 EASTING: 1,727,459.929 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,443,338.385 EASTING: 526,530.839 SPCS, WV NORTH (NAD83): NORTHING: 599,537.033 EASTING: 1,636,208.802 GEOGRAPHIC (NAD27): LATITUDE: 40.139891° LONGITUDE: -80.688750° SPCS, WV NORTH (NAD27): NORTHING: 599,500.280 EASTING: 1,667,644.220	GEOGRAPHIC (NAD83): LATITUDE: 40.113419° LONGITUDE: -80.676282° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,568,199.004 EASTING: 1,730,924.067 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,440,395.937 EASTING: 527,586.711 SPCS, WV NORTH (NAD83): NORTHING: 589,823.144 EASTING: 1,639,512.139 GEOGRAPHIC (NAD27): LATITUDE: 40.113347° LONGITUDE: -80.676481° SPCS, WV NORTH (NAD27): NORTHING: 589,786.400 EASTING: 1,670,947.480
LANDING POINT LOCATION (LPL)	AZIMUTH POINT LOCATION (AZL4)	AZIMUTH POINT LOCATION (AZL8)
GEOGRAPHIC (NAD83): LATITUDE: 40.156987° LONGITUDE: -80.694181° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,584,046.654 EASTING: 1,725,865.234 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,226.311 EASTING: 526,044.775 SPCS, WV NORTH (NAD83): NORTHING: 605,759.145 EASTING: 1,634,717.421 GEOGRAPHIC (NAD27): LATITUDE: 40.156916° LONGITUDE: -80.694379° SPCS, WV NORTH (NAD27): NORTHING: 605,722.380 EASTING: 1,666,152.870	GEOGRAPHIC (NAD83): LATITUDE: 40.138105° LONGITUDE: -80.687553° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,577,177.080 EASTING: 1,727,741.160 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,443,132.460 EASTING: 526,616.559 SPCS, WV NORTH (NAD83): NORTHING: 598,856.562 EASTING: 1,636,478.788 GEOGRAPHIC (NAD27): LATITUDE: 40.138033° LONGITUDE: -80.687752° SPCS, WV NORTH (NAD27): NORTHING: 598,819.810 EASTING: 1,667,914.200	GEOGRAPHIC (NAD83): LATITUDE: 40.112944° LONGITUDE: -80.676059° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,568,026.176 EASTING: 1,730,986.987 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,440,343.259 EASTING: 527,605.889 SPCS, WV NORTH (NAD83): NORTHING: 589,649.223 EASTING: 1,639,572.180 GEOGRAPHIC (NAD27): LATITUDE: 40.112871° LONGITUDE: -80.676258° SPCS, WV NORTH (NAD27): NORTHING: 589,612.480 EASTING: 1,671,007.520
AZIMUTH POINT LOCATION (AZL1)	AZIMUTH POINT LOCATION (AZL5)	BOTTOM HOLE LOCATION (BHL)
GEOGRAPHIC (NAD83): LATITUDE: 40.145576° LONGITUDE: -80.690157° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,579,895.281 EASTING: 1,727,003.924 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,443,960.970 EASTING: 526,391.849 SPCS, WV NORTH (NAD83): NORTHING: 601,587.737 EASTING: 1,635,786.883 GEOGRAPHIC (NAD27): LATITUDE: 40.145504° LONGITUDE: -80.690356° SPCS, WV NORTH (NAD27): NORTHING: 601,550.980 EASTING: 1,667,222.310	GEOGRAPHIC (NAD83): LATITUDE: 40.129987° LONGITUDE: -80.684070° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,574,224.272 EASTING: 1,728,725.272 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,232.443 EASTING: 526,916.517 SPCS, WV NORTH (NAD83): NORTHING: 595,886.599 EASTING: 1,637,413.699 GEOGRAPHIC (NAD27): LATITUDE: 40.129915° LONGITUDE: -80.684269° SPCS, WV NORTH (NAD27): NORTHING: 595,849.850 EASTING: 1,668,849.090	GEOGRAPHIC (NAD83): LATITUDE: 40.108065° LONGITUDE: -80.673399° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,566,252.267 EASTING: 1,731,737.208 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,439,802.571 EASTING: 527,834.557 SPCS, WV NORTH (NAD83): NORTHING: 587,862.353 EASTING: 1,640,292.878 GEOGRAPHIC (NAD27): LATITUDE: 40.107992° LONGITUDE: -80.673599° SPCS, WV NORTH (NAD27): NORTHING: 587,825.610 EASTING: 1,671,728.200
AZIMUTH POINT LOCATION (AZL2)	AZIMUTH POINT LOCATION (AZL6)	
GEOGRAPHIC (NAD83): LATITUDE: 40.142835° LONGITUDE: -80.689685° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,578,897.661 EASTING: 1,727,139.534 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,443,656.894 EASTING: 526,433.183 SPCS, WV NORTH (NAD83): NORTHING: 600,587.614 EASTING: 1,635,905.825 GEOGRAPHIC (NAD27): LATITUDE: 40.142764° LONGITUDE: -80.689883° SPCS, WV NORTH (NAD27): NORTHING: 600,550.860 EASTING: 1,667,341.250	GEOGRAPHIC (NAD83): LATITUDE: 40.127143° LONGITUDE: -80.682747° UTM (NAD83, ZONE 17, FEET): NORTHING: 14,573,190.291 EASTING: 1,729,098.753 UTM (NAD83, ZONE 17, METERS): NORTHING: 4,441,917.285 EASTING: 527,030.354 SPCS, WV NORTH (NAD83): NORTHING: 594,846.128 EASTING: 1,637,769.958 GEOGRAPHIC (NAD27): LATITUDE: 40.127071° LONGITUDE: -80.682946° SPCS, WV NORTH (NAD27): NORTHING: 594,809.380 EASTING: 1,669,205.340	



NOTE: ANY UTILITIES OR IMPROVEMENTS SHOWN ON THIS PLAT ARE FROM REASONABLE VISUAL OBSERVATIONS. NO UTILITY COMPANIES WERE CONTACTED FOR UTILITY LINE LOCATIONS.

LEGEND:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE
⊗ EXISTING / PRODUCING WELLHEAD
⊗ ABANDONED WELL
⊗ PLUGGED & ABANDONED WELL
⊗ LANDING POINT LOCATION
— DRILLING UNIT
== LEASE BOUNDARY
— HARDLINE BOUNDARY
— UPP 2 > — UPPER POINT PLEASANT PATH
— MAR 2 > — MARCELLUS PATH

COMPANY:		
expand		
OPERATOR'S: ROTH OHI		
WELL #: 406H		
DISTRICT:	COUNTY:	STATE:
RICHLAND	OHIO	WV
SWN PRODUCTION COMPANY, LLC		
SURFACE HOLES		
1. "ROTH-OHI 206H"		
2. "ROTH-OHI 6H"		
3. "ROTH-OHI 8H"		
4. "ROTH-OHI 10H"		
5. "ROTH-OHI 210H"		
6. "ROTH-OHI 406H"		
REVISIONS:		DATE: 05-21-2025
		XXXXX
		DRAWN BY: TMF
		SCALE: 1" = 2000'
		DRAWING NO: ACE-2598
		INTERNAL WELL

RECEIVED
Office Of Oil and Gas
SEP 11 2025
WV Department of Environment & Natural Resources

09/26/2025



SURVEYOR/ENGINEER: 1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,444,588.947
EASTING: 526,657.570

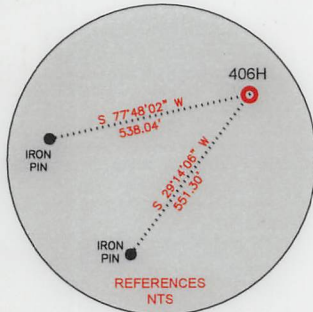
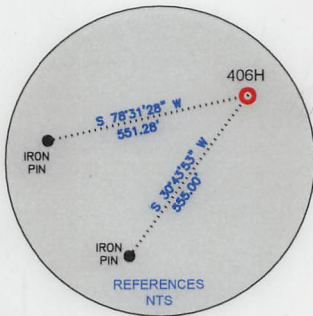
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,445,226.311
EASTING: 526,044.775

BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,439,802.571
EASTING: 527,834.557

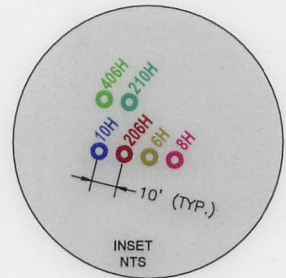
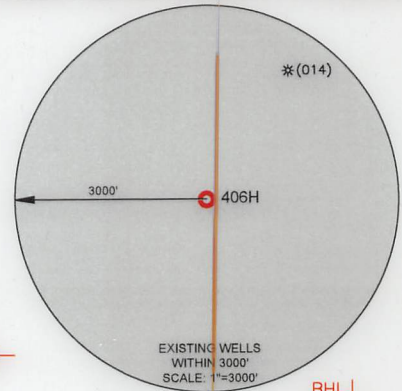
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,444,588.206
EASTING: 526,657.710

LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,445,221.740
EASTING: 526,046.996

BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,439,802.340
EASTING: 527,834.737



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 71°25'59" E	1,784.95'	SHL TO MONUMENT	5/8" IRON REBAR
L2	N 88°41'13" E	1,721.69'	SHL TO MONUMENT	1" IRON PIPE
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 71°42'01" E	1,797.30'	SHL TO MONUMENT	5/8" IRON REBAR
L2	N 88°49'49" E	1,735.96'	SHL TO MONUMENT	1" IRON PIPE



LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 43°56'57" W	2,887.02'	4100.80'	SHL TO LPL
L4	S 15°22'23" E	4,248.22'	4,248.22'	LPL TO AZL1
L5	S 10°41'11" E	467.93'	468.43'	AZL1 TO AZL2
L6	S 05°59'59" E	559.77'	559.77'	AZL2 TO AZL3
L7	S 17°32'42" E	1,147.84'	1,155.64'	AZL3 TO AZL4
L8	S 22°23'14" E	703.40'	705.01'	AZL4 TO AZL5
L9	S 15°22'15" E	10.00'	10.00'	AZL5 TO AZL6
L10	S 16°43'52" E	135.82'	135.82'	AZL6 TO AZL7
L11	S 18°05'24" E	2,998.72'	2,998.72'	AZL7 TO AZL8
L12	S 20°02'46" E	195.38'	195.41'	AZL8 TO AZL9
L13	S 22°00'03" E	149.94'	149.94'	AZL9 TO AZL10
L14	S 19°53'46" E	210.33'	210.38'	AZL10 TO AZL11
L15	S 17°47'22" E	402.26'	402.26'	AZL11 TO AZL12
L16	S 18°52'10" E	107.97'	107.98'	AZL12 TO AZL13
L17	S 19°57'04" E	5,297.75'	5,297.75'	AZL13 TO AZL14
L18	S 21°48'38" E	187.92'	187.95'	AZL14 TO AZL15
L19	S 23°40'07" E	1,935.38'	1,935.38'	AZL15 TO BHL

WELL RESTRICTIONS

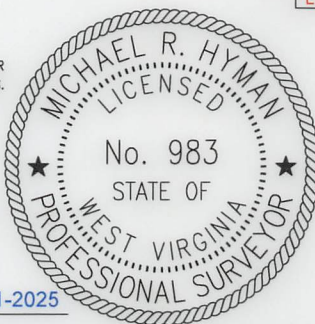
- NO OCCUPIED DWELLINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 100 FEET OF LIMITS OF DISTURBANCE.
- NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 983 *Michael R. Hyman* 05-21-2025



COMPANY:



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SURVEY GRADE GPS SOURCE OF ELEVATION: (NAVD 88, US FT)

ROTH OHI
OPERATOR'S WELL #: 406H
API WELL #: 47 69 00373
STATE COUNTY PERMIT

WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☒ DEEP ☒ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☐
WATERSHED: UPPER OHIO-WHEELING ELEVATION: 1004.04
DISTRICT: RICHLAND COUNTY: OHIO QUADRANGLE: TILTONSVILLE 7.5', OH
SURFACE OWNER: ROTH FARMS, LLC ACREAGE: ±118.93
OIL & GAS ROYALTY OWNER: ROTH FARMS, LLC ACREAGE: ±118.93
DRILL ☒ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐
CONVERT ☐ PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐ OTHER CHANGE ☒ (SPECIFY) AS-DRILLED 09/26/2025
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,788 TVD 26,068 TMD

WELL OPERATOR: EXPAND OPERATING, LLC DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:	REVISIONS:	DATE:
PROPOSED SURFACE HOLE / BOTTOM HOLE	SURVEYED BOUNDARY	05-21-2025
EXISTING / PRODUCING WELLHEAD	DRILLING UNIT	XXXXX
LPL LANDING POINT LOCATION	LEASE BOUNDARY	DRAWN BY: TMF
EXISTING WATER WELL	ASDRILLED PATH	SCALE: 1" = 2000'
EXISTING SPRING	PROPOSED PATH	DRAWING NO: ACE-2598
	DHP BUFFER	WELL LOCATION PLAT 1



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

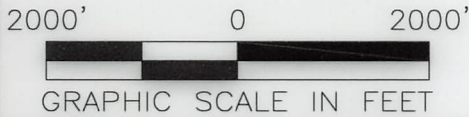
INSET "A"

INSET "B"

INSET "C"

INSET "D"

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



09/26/2025

REVISIONS:

COMPANY:



OPERATOR'S

ROTH OHI

WELL #:

406H

DISTRICT:
RICHLAND

COUNTY:
OHIO

STATE:
WV

DATE: 05-21-2025

XXXXX

DRAWN BY: TMF

SCALE: 1"=2000'

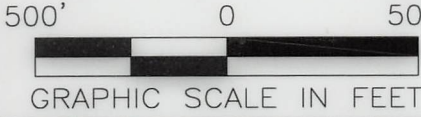
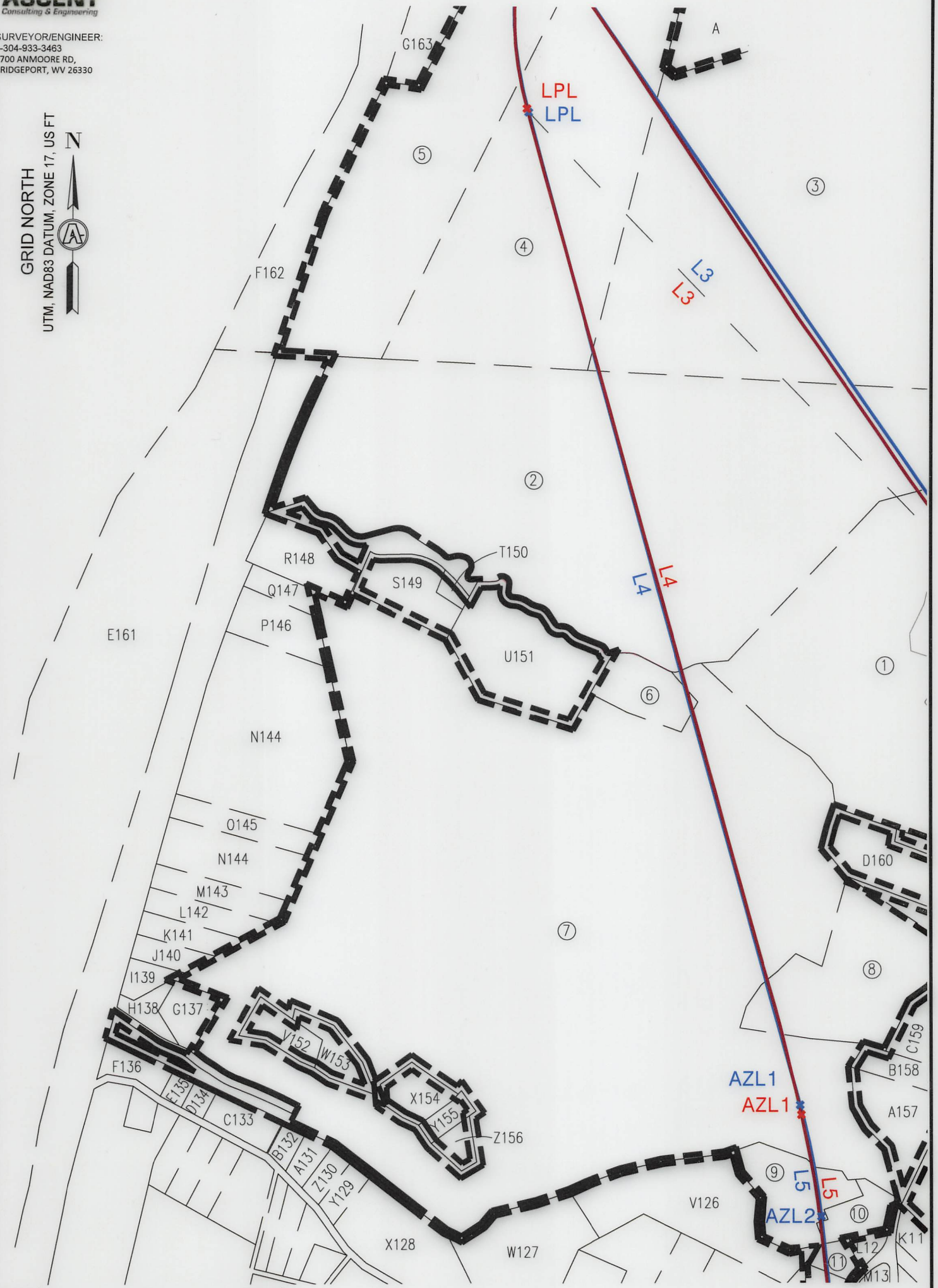
DRAWING NO: ACE-2598

WELL LOCATION PLAT 2



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



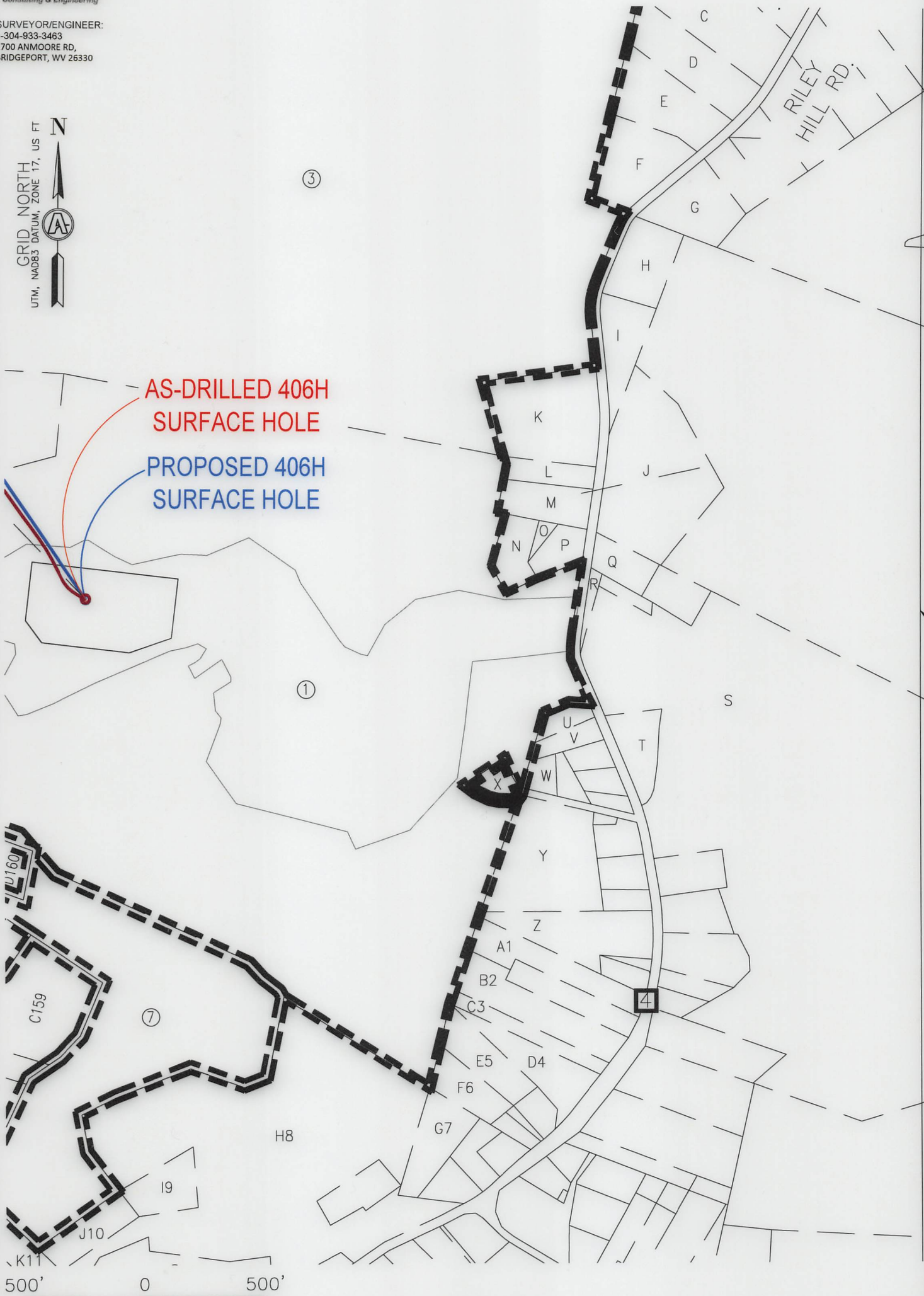
INSET "A"

09/26/2025

REVISIONS:			COMPANY:					
			OPERATOR'S			ROTH OHI		
			WELL #:			406H		
			DISTRICT:		COUNTY:	STATE:	DATE:	
			RICHLAND		OHIO	WV	05-21-2025	
						XXXXX		
						DRAWN BY: TMF		
						SCALE: 1"=500'		
						DRAWING NO: ACE-2598		
						WELL LOCATION PLAT 3		



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330



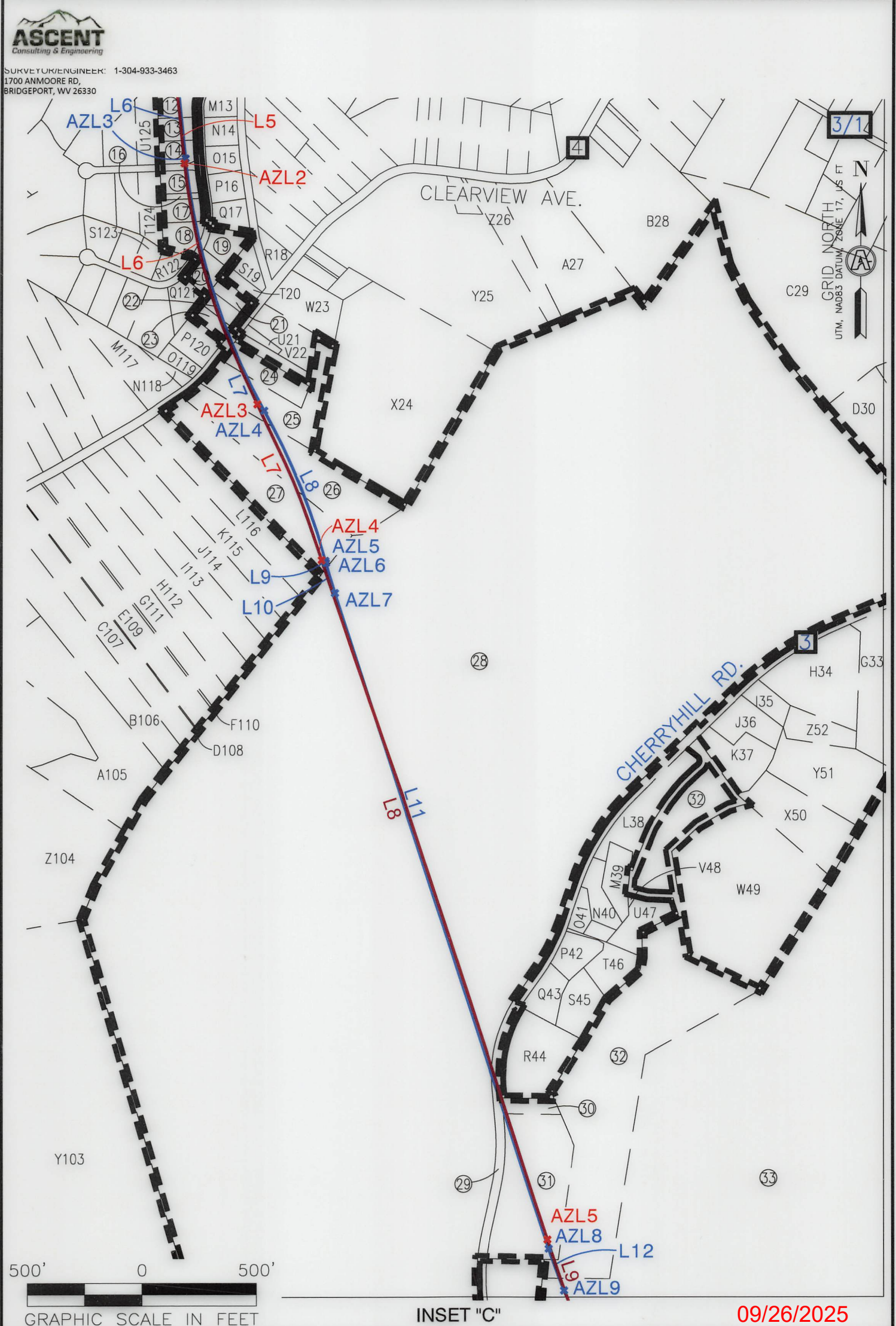
GRAPHIC SCALE IN FEET

INSET "B"

09/26/2025

REVISIONS:

COMPANY:				
OPERATOR'S			ROTH OHI	
WELL #:			406H	
DISTRICT:		COUNTY:	STATE:	DATE: 05-21-2025
RICHLAND		OHIO	WV	XXXXX
DRAWING NO: ACE-2598				DRAWN BY: TMF
WELL LOCATION PLAT 4				SCALE: 1"=500'



WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S)/ROYALTY OWNER (R)	TAX PARCEL
1	ROTH FARMS, LLC (S)/ROTH FARMS, LLC (R)	4-R7-24
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	EDGE BRUCE W	4-R7-23
3	MCCLURE WM H & MARG A	4-R4-7
4	DONOHEW WILLIAM SCOTT & LAURA	4-R4-2.4
5	STATE OF WV, DEPARTMENT OF TRANSPORTATION	WARWOOD AVENUE
6	HARTFILE GARY L- TOD	4-R7-20
7	CITY OF WHEELING	4-R7-18
8	FLUHARTY MICHAEL AND BRENDA K	4-R7-17
9	ROWND DENISE & DANIEL T III	4-R7-14
10	ROWND DENISE A ROWND DANIEL THOMPSON III	4-R7-14.1
11	UTTERMOHLEN JAMES VINCENT & ALINA DOLORES UTTERMOHLEN	2-CV7A-8
12	JOHNSON TIMOTHY P & CRYSTAL J	2-CV7A-7
13	RATCLIFFE LINDA L & RATCLIFFE RUSSELL B ESTATE	2-CV7A-6
14	EMILY MARCY J	2-CV7A-5
15	DALLY ANDREW RAY	2-CV7A-30
16	DALLY ANDREW RAY	2-CV7A-30.1
17	LEOS JAMES JOHN III	2-CV7A-29
18	MCCORMICK TIMOTHY P - TOD	2-CV7A-28
19	TOEPFER MICHAEL & MADONNA ANNE	2-CV7A-15
20	HOSEY RONALD AND DAWN	2-CV7A-16
21	NODURFT GREGORY P & MICHELLE	2-CV3-1
22	WOLFE CHARLES	2-CV6-14
23	GARRISON NICOLE L	2-CV6-13.1
24	NICKERSON ARTHUR J & D L	2-CV6-17
25	STRITTMATTER BRENT J & STRITTMATTER AMY L	2-CV6-18
26	STEWART LOGAN G & ALICIA D	2-CV6-19
27	HLAD DOUGLAS M & LISA ANN	2-CV6-20
28	WARWOOD LAND CO LLC	4-R7-31
29	STATE OF WV, DEPARTMENT OF TRANSPORTATION	Cherry Hill Road
30	BROOKS WILLIAM S C/O WESBANCO TRUST	4-R10-27.1
31	SUNSHINE STATE INV GROUP LLC	4-R10-28
32	JOHNSON JOHN	4-R10-29
33	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R10-31
34	MURRAY SANDRA	4-R10-42
35	GOLDEN CHRISTOPHER SCOTT & GOLDEN BRANDACE LYNN	4-R11-2.4
36	DOYLE DANIEL T & LUCINDA E	4-R11-2.12
37	LOWE JEREMY J & AMANDA L	4-R11-2.11
38	LOWE JEREMY J & AMANDA L	4-R11-2.6
39	CUSACK JOHN L & TAMMIE L	4-R11-2.9
40	SANTORINE LORA KAY & SANTORINE ADOLPH W JR	4-R14A-24
41	COX C NOLAN	4-R14A-25
42	DUFF FRANK X & DEBORAH M	4-R14A-69.1
43	DUFF FRANK X & DEBORAH M	4-R14A-69
44	DUFF FRANCIS X & D M	4-R14A-71
45	DUFF FRANCIS X & D M	4-R14A-53.2
46	EXLEY R BANFORD & T L	4-R14A-111
47	KIDD JOHN M	4-R14A-210
48	KIDD JOHN M	4-R14A-183
49	MAIN STREET BANK CORP	4-R14E-5

09/26/2025

REVISIONS:	COMPANY:				
	OPERATOR'S				DATE: 05-21-2025
	WELL #:				XXXXX
	DISTRICT:				DRAWN BY: TMF
	COUNTY:				SCALE: 1"=2000'
	STATE:				DRAWING NO: ACE-2598
WELL LOCATION PLAT 7					

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER (S)	TAX PARCEL
A	HEART 2 HEART VOLUNTEERS INC	4-R4-5
B	BOYD ROBERT JEFFREY & CHERYL L	4-R5-24
C	OLEJASZ JOSEPH R JR	4-R5-34
D	OLEJASZ JOSEPH R JR	4-R5-35
E	KUCERA CARL J & SHARON L	4-R5-35.2
F	PAVELICH-SWIGER SHERRI J & PAVELICH JEFFREY M	4-R5-35.1
G	WEIGAND PAUL & REBECCA FAMILY TRUST	4-R5-40.1
H	SHELL RICHARD A & N	4-R8-1.1
I	HABERFIELD WAYNE K & D A	4-R8-1
J	SCHUETZ EBBIE JOSEPH & JOY	4-R8-3
K	MCCLURE WM H & MARGARET A	4-R7-26.1
L	LEFKAY SCOTT A & TRACY L	4-R8-2.3
M	FELDNER CHARLENE M - TOD	4-R8-2.1
N	CALDWELL SHANE J & CALDWELL SUZANNE M	4-R7-24.1
O	CALDWELL SUZANNE & SHANE	4-R7-24.2
P	OLEJASZ JR JOSEPH R & OLEJASZ J R SR & G (RT-OCC)	4-R8-2.2
Q	MCKEE JAMES F JR & EILEEN B	4-R8-4.14
R	MCKEE JAMES F JR & EILEEN B	4-R8-77
S	TUNNEL RIDGE LLC	4-R8-4.18
T	BAKER FAMILY RESIDENCE TRUST; STEVEN P BAKER (LE)	4-R8-4
U	KUCERA LISA A	4-R8-4.8
V	HELDEFFER GEORGE W	4-R8-4.7
W	CAMPBELL ALLEN B	4-R8-4.9
X	CALDWELL SHANE AND SUZANNE	4-R8-78
Y	CLARK JOHN M & B C	4-R8-4.10
Z	CLEGG R E & J L	2-CV1-5
A1	TOMAC ROBERT C JR	2-CV1-4
B2	ROGERSON KAREN S	2-CV1-2
C3	SHEARER PHILLIP G & CINDY M	2-CV1-1
D4	QUINN JOHN THOMAS	2-CV4-7
E5	QUINN THOMAS F & SUE ANN TAYLOR	2-CV4-7.4
F6	BENNER SUZANNE J & JAMES T BENNER	2-CV4-7.5
G7	FEDORKE AARON P & FEDORKE RACHEL SUE	2-CV4-4.1
H8	FEDORKE AARON P & TIMOTHY J	2-CV4-3
I9	FEDORKE TIMOTHY JOSEPH	4-R7-37
J10	BIEGA FRANK & CONNIE	4-R7-27.2
K11	STOEHR RONALD J & MARIE G- TOD	2-CV3-4.7
L12	UTTERMOHLEN JAMES VINCENT & ALINA DOLORES UTTERMOHLEN	2-CV7A-9
M13	LAWSON ERIC C ET AL LAWSON ARLENE J (LIFE EST)	2-CV7A-10
N14	SECRETARY OF VETERANS AFFAIRS	2-CV7A-11
O15	SENGEWALT STACEY M & JEFFREY R	2-CV7A-12
P16	SENGEWALT STACEY M & JEFFREY R	2-CV7A-13
Q17	VALENTINE DAVID M	2-CV7A-14
R18	ENGLISH DUSTIN D	2-CV3-4.1
S19	MAYLES TIMOTHY; MAYLES HARRY & MAYLES DOUGLAS	2-CV3-3
T20	MAYLES TIMOTHY; MAYLES HARRY & MAYLES DOUGLAS	2-CV3-2
U21	BEHRENS JAMES M	2-CV6-15.3
V22	BARBE FAMILY TRUST; M BARBE & D A LENNOX TRUSTEES	2-CV6-15.2
W23	DANHART LISA; BONNIE; & SELLER CAROL	2-CV6-15
X24	SZALAY FRANCIS E & PL	2-CV3-13.1
Y25	MYERS WILBERT E III & J S	2-CV3-13
Z26	KLEIN JACK W JR & BRENDA J-TOD	2-CV4-22.1
A27	MURRAY BRYAN M AND JOAN C	2-CV4-22
B28	PAVLIK NICHOLAS D AND GLORIA K	2-CV4-21.2
C29	HESTIA LLC	4-R8-65.1
D30	GLENN VIEW LIMITED PARTNERSHIP	4-R8-65.4
E31	GLENN VIEW LIMITED PARTNERSHIP	4-R8-68
F32	MEREDITH DONALD R II AND JULIE	4-R8-69.1
G33	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R8-70

09/26/2025

REVISIONS:

COMPANY:



OPERATOR'S

ROTH OHI

WELL #:

406H

DISTRICT:

RICHLAND

COUNTY:

OHIO

STATE:

WV

DATE:

05-21-2025

DRAWN BY:

TMF

SCALE:

N/A

DRAWING NO:

ACE-2598

WELL LOCATION

PLAT 8



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER (S)	TAX PARCEL
H34	CASTILOW CHET	4-R7-34
I35	STEVEN JOHNSON LEWIS ET AL	4-R7-33
J36	JOHNSON STEVEN LEWIS ET AL	4-R7-32
K37	SCHMALZ ANGELA	4-R7-36
L38	JOHNSON JOHN LLOYD	4-R7-39
M39	BURTRAND GARY E & T L	4-R10-22.1
N40	KYLE CHAD J & E A	4-R10-22
O41	NEWLAND DARRELL L	4-R10-22.3
P42	BROST RICHARD	4-R10-24.1
Q43	WILSON CINDY L P & DANIEL-TOD	4-R10-26
R44	ERNEST RICHARD H JR & A L	4-R10-27
S45	MCCRACKEN ROBERT W	4-R10-25
T46	LASH MARTHA J	4-R10-24
U47	BEABOUT EARL T JR & L L	4-R10-23
V48	BURTRAND GARY E & T L	4-R10-23.1
W49	MCLAUGHLIN HENRY J III	4-R10-29.1
X50	JOHNSON STEVEN L & D T	4-R7-36.1
Y51	PAVELICH HUNTER M	4-R7-35
Z52	CASTILOW CHET	4-R7-34.1
A53	MEREDITH DONALD R II AND J K	4-R8-69.3
B54	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R8-52
C55	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R11-11
D56	PENN HOLDING LIMITED LIABILITY COMPANY	4-R11-6.3
E57	GOLDEN CHRISTOPHER SCOTT BRANDACE LYNN	4-R11-2.13
F58	DEFELICE LESLIE PAUL	4-R11-2.7
G59	DOYLE DANIEL T	4-R11-2.2
H60	SCHAFER ROY ALVIN JR & CAROLYN MARY SCHAFER	4-R11-2.10
I61	DOYLE MATTHEW M & CHRISTINE M	4-R11-2.5
J62	MULL ELLEN CLARICE ET AL	4-R11-1
K63	WOLFE AARON T & MICHELLE R	4-R14A-53.6
L64	CONSTANTIN THOMAS E & ELIZABETH K	4-R14A-53.5
M65	PETRI JOSEPH L JR	4-R14A-53.1
N66	PETRI JOSEPH L JR	4-R14A-139
O67	PETRI JOSEPH L JR	4-R14A-139.1
P68	PETRI JOSEPH L JR	4-R14A-53.8
Q69	HEARNE WILLIAM H III & C N	4-R14A-53.4
R70	KENNEN ROBERT D & DELILAH L KENNEN - TOD	4-R14A-53.7
S71	HEARNE WILLIAM H III & C N	4-R14A-169
T72	HEARNE WILLIAM H III & C N	4-R14A-163
U73	FAMILY 9/7/11 IRREVOCABLE TRUST	4-R14A-189
V74	FAMILY 9/7/11 IRREVOCABLE TRUST	4-R14A-186
W75	FAMILY 9/7/11 IRREVOCABLE TRUST	4-R14A-185
X76	KIDD JOHN M	4-R14A-185.1
Y77	KIDD JOHN M	4-R14A-184
Z78	KIDD JOHN M & BONNIE L	4-R14A-183.1
A79	KIDD JOHN M	4-R14A-181
B80	KIDD JOHN M	4-R14A-181.1
C81	JOSEPH ELIAS	4-R14E-6
D82	SUNSHINE STATE INV GROUP LLC	4-R14A-53
E83	ADAMS JAMES C & MELISSA S	4-R14E-1
F84	HUPP SARA	4-R13-1.14
G85	GRIMES THOMAS B TRUSTEE THE ARCHIE TODD HUPP IV	4-R13-1.15
H86	MULL ELLEN CLARICE ET AL	4-R10-44.1
I87	PRATHER TYLER D	4-R10-44.2
J88	PRATHER TYLER D	4-R10-44
K89	MYERS WILBERT E III	4-R10-2
L90	PRATHER TYLER D	4-R10-3
M91	WADDELL DONALD L & D J	4-R10-4

09/26/2025

REVISIONS:	COMPANY:		
	OPERATOR'S	ROTH OHI	
	WELL #:	406H	
	DISTRICT:	COUNTY:	STATE:
	RICHLAND	OHIO	WV
			DATE: 05-21-2025
			XXXXX
			DRAWN BY: TMF
			SCALE: N/A
			DRAWING NO: ACE-2598
			WELL LOCATION PLAT 9



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER (S)	TAX PARCEL
N92	ASSARO ANTHONY L & S L	4-R10-43.4
O93	ASSARO ANTHONY L & S L	4-R10-43.3
P94	NORTH FORK LANDFILL INC	4-R10-43.1
Q95	NORTH FORK LANDFILL INC C/O SUSAN SARKIS	4-R10-41
R96	NORTH FORK LANDFILL INC C/O SUSAN SARKIS	4-R10-41.1
S97	NORTH FORK LANDFILL INC C/O SUSAN SARKIS	4-R10-39.1
T98	IAFRATE DAVID A	4-R10-39
U99	MCCARDLE STANLEY M JR & M	4-R10-36
V100	MCCARDLE STANLEY M JR & M	4-R10-35
W101	BREIDING JOSHUA D & SARAH N	4-R10-20
X102	SARKIS SJ; ROHRIG RF; ROHRIG JR; ROHRIG RF TTEE	4-R10-19
Y103	NORTH FORK LANDFILL INC	4-R10-43
Z104	MCGLAUGHLIN DENNIS & S	4-R7-30
A105	CLEARVIEW VOL FIRE DEPT INC	2-CV6-34.1
B106	PLANET HOME LENDING LLC	2-CV6-28
C107	BOPP VICTOR V III & DIANN	2-CV6-28.3
D108	JOSEPH BRADLEY R & JANETTE L	2-CV6-27.1
E109	JOSEPH BRADLEY R & JANETTE L	2-CV6-27
F110	JOSEPH BRADLEY R & JANETTE L	2-CV6-27.2
G111	LAING MARGARET T	2-CV6-26
H112	KIRKSEY MARK R WEATHERSON NANCY (RES'V L/E)	2-CV6-25
I113	CONTRAGUERRO MICHAEL J JR & BRITTANY LEIGH CONTRAGUERRO	2-CV6-24
J114	STEWART GREGORY L & JODI A	2-CV6-23
K115	SAVAGE CHARLES J & RACHEL M	2-CV6-22
L116	DAGRAVA TIMOTHY & MEGAN	2-CV6-21
M117	BOLES ROBERT E III & TIFFANY M	2-CV6-10.1
N118	FRY KATHY L	2-CV6-11
O119	FRY KATHY L	2-CV6-12
P120	GARRISON NICOLE L	2-CV6-13
Q121	MEDOVIC MICHAEL & CATHERINE H	2-CV7A-17
R122	MAIDENS CATHERINE - TOD	2-CV7A-27
S123	MAIDENS CATHERINE - TOD	2-CV7A-27.1
T124	VALENTINE TRAVIS & ELIZABETH	2-CV7A-31
U125	GIBSON ROBERT H & D L	2-CV7A-4
V126	ROWND DENISE & THOMPSON DANIEL, III	4-R7-12
W127	BIEGA CONNIE SUE & FRANK PAUL	4-R7-12.10
X128	CITY OF WHEELING	4-R7L-105
Y129	CITY OF WHEELING	4-R7L-100
Z130	MACFARLAND DARIN P & K L	4-R7L-99
A131	CITY OF WHEELING	4-R7G-25
B132	MACFARLAND DARIN P & KIMBERLY	4-R7G-24
C133	PAYTON SHARON S ET AL	4-R7G-23
D134	PAYTON SHARON S ET AL	4-R7G-20
E135	ROBINSON RICHARD J	4-R7G-19
F136	VELEGOL DAVID & CAROLYN	4-R7G-18
G137	GUZZI COREY A & BRITTANY N	4-R7-11
H138	GUZZI COREY A & BRITTANY N	4-R7-10
I139	BOURNE JOHN & LETHA	4-R7L-56.8
J140	WEST VIRGINIA STATE ROAD COMM	4-R7L-56.7
K141	MORGAN WILBUR W	4-R7L-56.6
L142	FAZZOLARI FRANK SAMUEL ESTATE	4-R7L-56.5
M143	WEST VIRGINIA STATE ROAD COMM	4-R7L-56.4
N144	FLUHARTY MICHAEL L & BRENDA K	4-R7L-56
O145	WEST VIRGINIA STATE ROAD COMM	4-R7L-56.3
P146	WEST VIRGINIA STATE ROAD COMM	4-R7L-56.2
Q147	DOUGHERTY GEORGE H & THELMA T	4-R7L-56.1
R148	JONES SHANNON M WILDS	4-R7-16.1

09/26/2025

REVISIONS:	COMPANY:			
	OPERATOR'S			DATE: 05-21-2025
	WELL #:			XXXXX
	DISTRICT:	COUNTY:	STATE:	DRAWN BY: TMF
	RICHLAND	OHIO	WV	SCALE: N/A
				DRAWING NO: ACE-2598
				WELL LOCATION PLAT 9



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

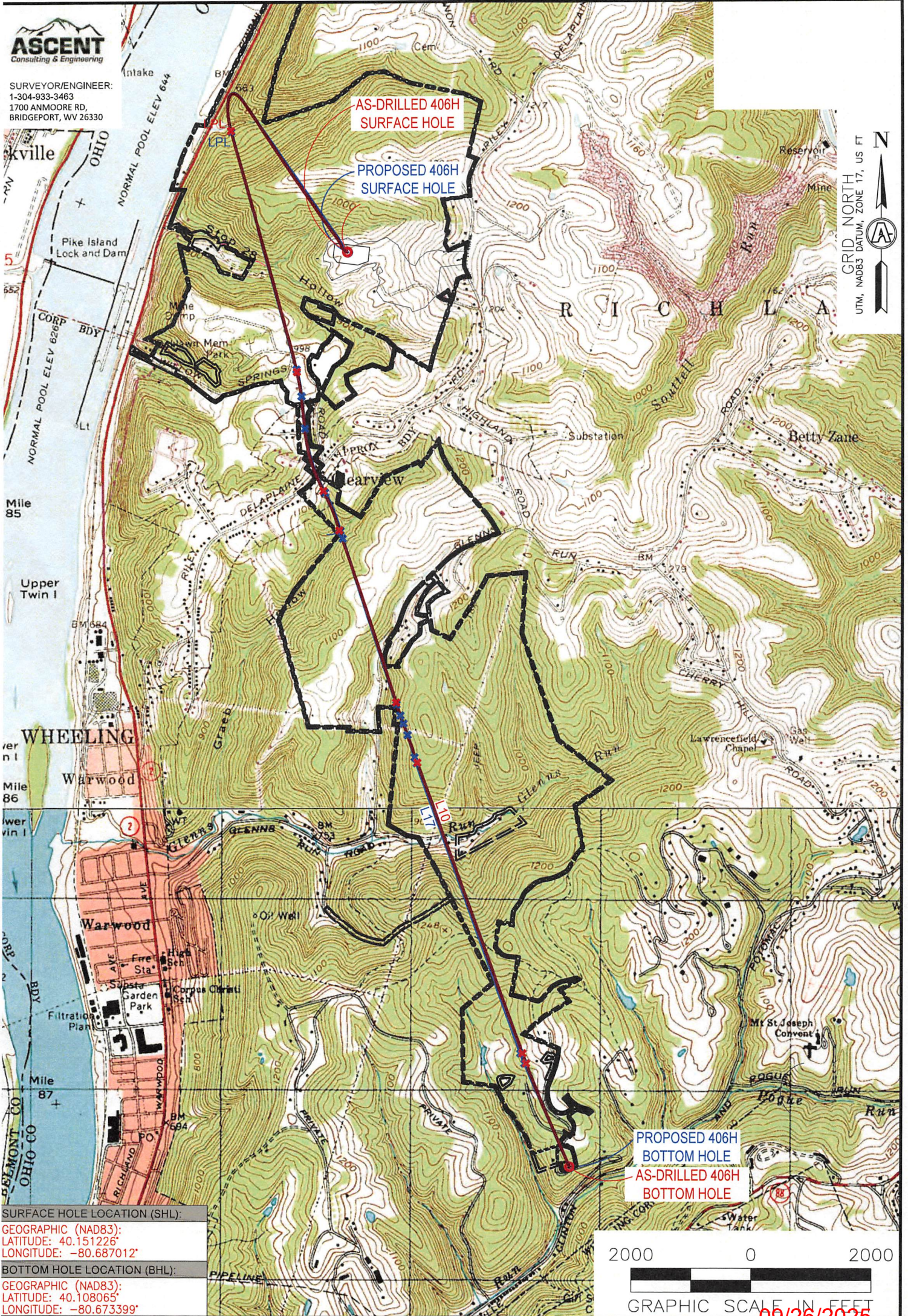
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER (S)	TAX PARCEL
S149	DEAN LOMAN L & R Z	4-R7-21
T150	LOEW J W JR & ELSIE	4-R7-22
U151	HARTFILE GARY L - TOD	4-R7-16
V152	FLUHARTY MICHAEL L	4-R7-6
W153	WOLFE JAMES R ESTATE	4-R7-7
X154	FLUHARTY MICHAEL L & BRENDA K	4-R7-8
Y155	FLUHARTY MICHAEL L & BRENDA K	4-R7-9.1
Z156	FLUHARTY MICHAEL & BRENDA	4-R7-9
A157	BIEGA FRANKIE P & C S	4-R7-15
B158	STEWART MARK E	4-R7-15.2
C159	STEWART MARK E; GEIGER LEEANN	4-R7-28
D160	HARTFILE GARY L -TOD	4-R7-15.1
E161	UNITED STATES OF AMERICA ARMY CORP OF ENG - PITTS DIV	4-R7-38
F162	UNITED STATES OF AMERICA ARMY CORP OF ENG - PITTS DIV	4-R4-1
G163	TUNNEL RIDGE LLC	4-R4-2.2
H164	TUNNEL RIDGE LLC	4-R4-2
I165	TUNNEL RIDGE LLC	4-R4-2.3
J166	MCCARDLE STANLEY JR & MARYANN	4-R11-3
K167	WITSBERGER MARGUERITE L	4-R11-4.1
L168	WITSBERGER AMY L	4-R11-4
M169	MARY ANN HESS REALTY LLC	4-R11-5
N170	DUFF DEBORAH M	4-R14A-88
O171	COX C NOLAN	4-R14A-42
P172	COX N NOLAN & DEBORAH	4-R14A-41
Q173	COX C NOLAN	4-R14A-53.9

09/26/2025

REVISIONS:	COMPANY:			
	OPERATOR'S			DATE: 05-21-2025
	WELL #:			XXXXX
	DISTRICT:	COUNTY:	STATE:	DRAWN BY: TMF
	RICHLAND	OHIO	WV	SCALE: N/A
				DRAWING NO: ACE-2598
				WELL LOCATION PLAT 9



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD.
BRIDGEPORT, WV 26330



SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 40.151226°
LONGITUDE: -80.687012°

BOTTOM HOLE LOCATION (BHL):

GEOGRAPHIC (NAD83):
LATITUDE: 40.108065°
LONGITUDE: -80.673399°

NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL LANDING POINT LOCATION
- EXISTING WATER WELL
- EXISTING SPRING

- SURVEYED BOUNDARY
- DRILLING UNIT
- LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH
- DHP BUFFER

2000 0 2000

GRAPHIC SCALE IN FEET

09/26/2025

WELL OPERATOR:
EXPAND OPERATING, LLC

ADDRESS:
1300 FORT PIERPONT DRIVE, SUITE 201

SURFACE OWNER:
ROTH FARMS, LLC

WELL (FARM) NAME:
ROTH OHI

COUNTY - CODE
OHIO - 069
USGS 7 1/2 QUADRANGLE MAP NAME
TILTONSVILLE 7.5', OH

WELL #
406H

DISTRICT;
RICHLAND

SERIAL #
XXXX