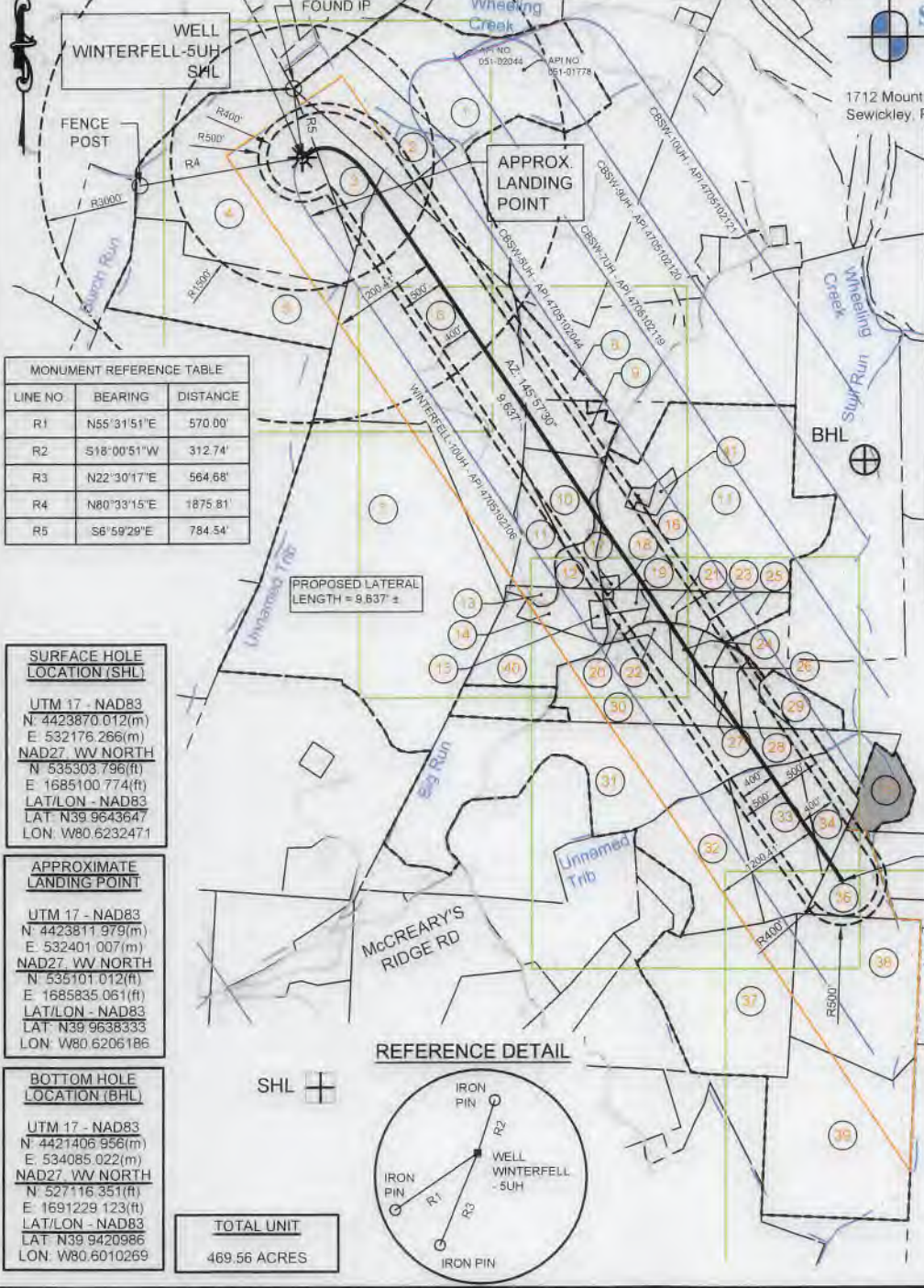


Well is located on topo map 12,981 feet south of Latitude: 40° 00' 00"
 BHL is located on topo map 5,914 feet south of Latitude: 39° 57' 30"

Sheffler & Company, Inc.
 ENGINEERING • SURVEYING

1712 Mount Nebo Road Phone 412-219-4509
 Sewickley, PA 15143 Email: Info@shefflerCo.com



LEGEND

- TOP MAP POINT
- PROPOSED WELL
- PRIVATE WATER WELL
- SPRING LOCATION
- LEASE NUMBER BASED ON ATTACHED WVB#1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- UNIT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- WELLS WITHIN 3000'
- STREAM/POND/WATERWAY
- ROAD
- FORCE POOLED PARCEL

WELLS WITHIN 3000'
 FIVE (5) WELLS WITHIN 3000'

- NOTES**
- There are no water wells or developed springs within 250' of proposed well
 - There are no existing buildings within 625' of proposed well
 - Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake
 - There are no native trout streams within 300' of proposed well
 - Proposed well is greater than 1000' from surface/groundwater intake or public water supply
 - It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted
 - Mineral and Surface parcel lines are the same

Well is located on topo map 11,188 feet west of Longitude: 80° 35' 00"
 BHL is located on topo map 4,961' feet west of Longitude: 80° 35' 00"

FILE # WINTERFELL-5UH
 DRAWING # WINTERFELL - 5UH - R4.DWG
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE USGS MONUMENT
 OF ELEVATION: JX0742: 1343.3'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: *Hayley*
 R.P.E.: 21452 L.L.S.: P.S. NO.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: WHEELING CREEK - UPPER OHIO RIVER ELEVATION 1,145.44'
 COUNTY/DISTRICT MARSHALL / WEBSTER QUADRANGLE MAJORSVILLE WV
 SURFACE OWNER HARRIS, BRENDA J., ET AL ACREAGE 86.13 ACRES
 OIL & GAS ROYALTY OWNER RONALD W. & CAROLIE M., TRUSTEES OF THE PLANTS FAMILY IRREVOCABLE TRUST DATED OCTOBER 2, 2008;
 HARRIS, BRENDA J.; WHITLATCH, DEBORAH; AND PLANTS, JAMES W. ACREAGE 86.13

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH TVD: 11,395' ± TMD: 21,522' ±
 WELL OPERATOR AMERICAN PETROLEUM PARTNERS OPERATING, LLC DESIGNATED AGENT STEVEN GREEN
 Address: 4600 J. BARRY COURT, SUITE 310 Address: 300 SUMMERS ST, SUITE 1000
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

DATE: August 8, 2018 - REV - October 15, 2018
 OPERATOR'S WELL #: WINTERFELL-5UH
 API WELL # 47 051 02118 **H6A**
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 REGISTERED PROFESSIONAL ENGINEER
 21452
 STATE OF WEST VIRGINIA
 PLACE SEAL HERE



Sheffler & Company, Inc.
ENGINEERING • SURVEYING

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Sewickley, PA 15143 Email: Info@shefflerCo.com

API NO.
051-02044



WELL
WINTERFELL-5UH
SHL

APPROX
LANDING
POINT



DETAIL 1
SCALE = 1" = 500'

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304



DATE: August 8, 2018 - REV - October 15, 2018

OPERATOR'S WELL #: WINTERFELL-5UH

API WELL # 47 051 02118 H6A
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: WHEELING CREEK - UPPER OHIO RIVER ELEVATION: 1,145.44'

COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MAJORSVILLE, WV

SURFACE OWNER: HARRIS, BRENDA J., ET AL. ACREAGE: 86.13 ACRES

OIL & GAS ROYALTY OWNER: RONALD W. & CAROLIE M., TRUSTEES OF THE PLANTS FAMILY IRREVOCABLE TRUST DATED OCTOBER 2, 2008;
HARRIS, BRENDA J.; WHITLATCH, DEBORAH; AND PLANTS, JAMES W. ACREAGE: 86.13

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CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH: TVD: 11,395' ± TMD: 21,522' ±

WELL OPERATOR: AMERICAN PETROLEUM PARTNERS OPERATING, LLC DESIGNATED AGENT: STEVEN GREEN

Address: 4600 J. BARRY COURT, SUITE 310 Address: 300 SUMMERS ST, SUITE 1000

City: CANONSBURG State: PA Zip Code: 15317 City: CHARLESTON State: WV Zip Code: 25301