

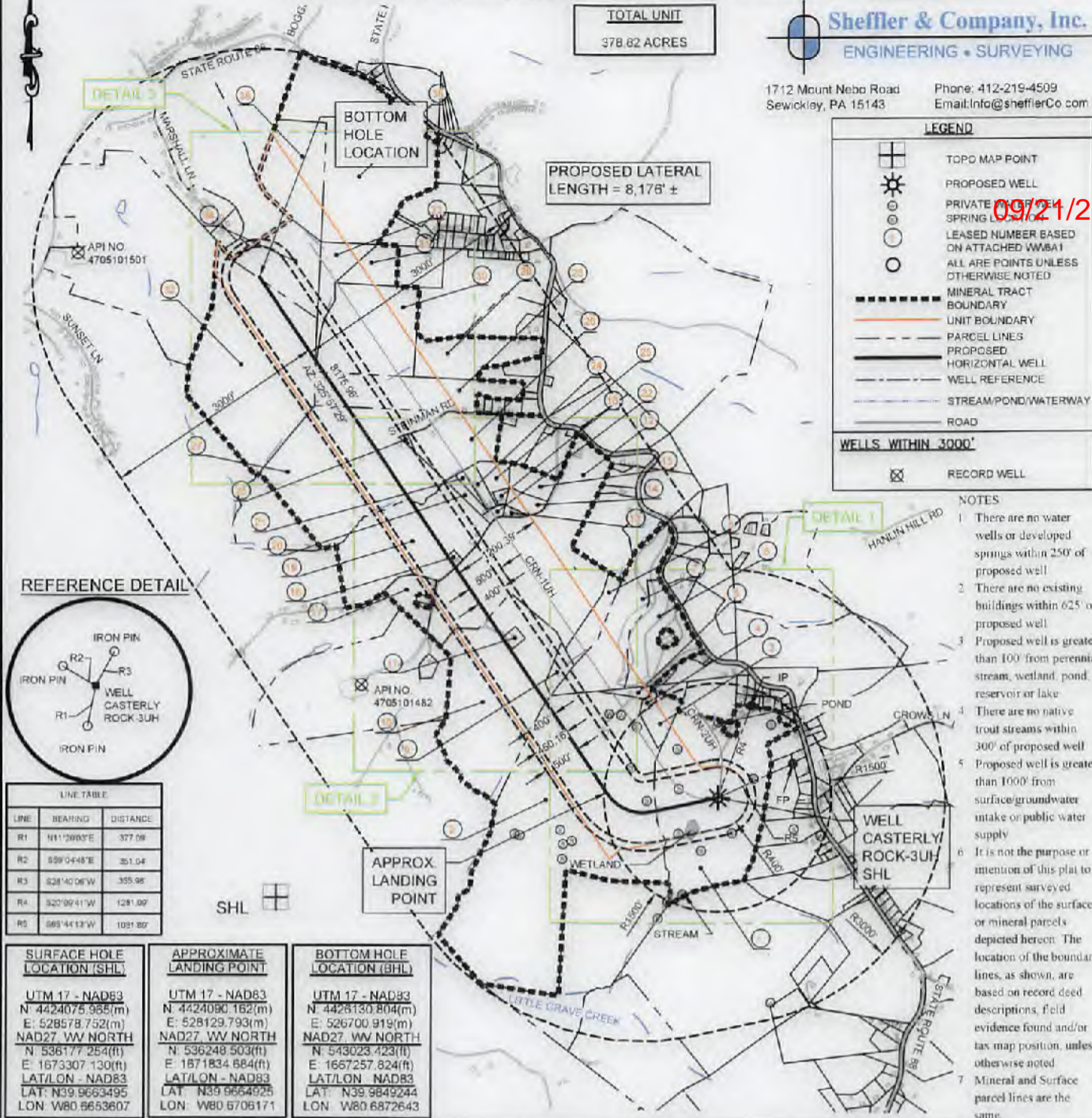
Well is located on topo map 12,258 feet south of Latitude: 40° 00' 00"

TOTAL UNIT
378.82 ACRES

Sheffler & Company, Inc.
ENGINEERING • SURVEYING

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

Well is located on topo map 11,313 feet west of Longitude: 80° 37' 30"



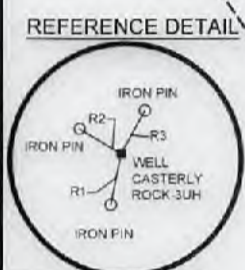
LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- PRIVATE SURFACE SPRING
- LEASED NUMBER BASED ON ATTACHED W/BA1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- UNIT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/POND/WATERWAY
- ROAD

WELLS WITHIN 3000'

- RECORD WELL

- 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



LINE TABLE

LINE	BEARING	DISTANCE
R1	N11°26'03"E	377.08
R2	S59°04'48"E	351.04
R3	S28°40'06"W	355.95
RA	S20°00'41"W	1281.00'
RS	S85°44'13"W	1091.80'

SURFACE HOLE LOCATION (SHL)	APPROXIMATE LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17 - NAD83 N: 4424075.955(m) E: 528578.752(m) NAD27 WV NORTH N: 536177.254(ft) E: 1673307.130(ft) LAT/LON - NAD83 LAT: N39.9663495 LON: W80.8653607	UTM 17 - NAD83 N: 4424080.162(m) E: 528129.793(m) NAD27 WV NORTH N: 536248.503(ft) E: 1871834.684(ft) LAT/LON - NAD83 LAT: N39.9654925 LON: W80.8705171	UTM 17 - NAD83 N: 4426130.804(m) E: 526700.919(m) NAD27 WV NORTH N: 543023.423(ft) E: 1667257.824(ft) LAT/LON - NAD83 LAT: N39.9849244 LON: W80.8872643

FILE # CASTERLY ROCK-3UH

DRAWING # CRN-3UH_REV4.DWG

SCALE: 1"=2000'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE OF ELEVATION: USGS MONUMENT JX0787. 1319.9'

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:

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: SHORT CREEK - OHIO RIVER ELEVATION: 1,335.74'

COUNTY/DISTRICT MARSHALL / UNION QUADRANGLE: MOUNDSVILLE, WV

SURFACE OWNER: LESLIE B. & LORI D. SCHABER ACREAGE: 71.75

OIL & GAS ROYALTY OWNER: CAROL A. WENSYEL A/K/A CAROL A. MILLER, ACTING AS TRUSTEE FOR THE CAROL A. WENSYEL IRREVOCABLE TRUST DATED OCTOBER 28, 2010 AND JOHN F. MILLER, SR. TRUSTEE OF THE JOHN F. MILLER, SR. IRREVOCABLE TRUST, DATED OCTOBER 28, 2010. TRUST ACREAGE: 73.74

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: 20,602.68' ±

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

Address: 4800 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

Well is located on topo map 5,492 feet south of Latitude: 40° 00' 00"



1712 Mount Nebo Road
Sewickley, PA 15143

Phone: 412-219-4509
Email: Info@shefflerCo.com

09/21/2018

Well is located on topo map 5,772

feet west of Longitude: 80° 40' 00"



FILE # CASTERLY ROCK-3UH
DRAWING # CRN-3UH REV4.DWG
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MINIMUM DEGREE OF ACCURACY: 1/2500
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DATE: May 22, 2018 --- REV --- June 7, 2018
OPERATOR'S WELL #: CASTERLY ROCK-3UH
API WELL # 47 051 02041111
STATE COUNTY PERMIT

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

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COUNTY/DISTRICT: MARSHALL / UNION QUADRANGLE: MOUNDSVILLE, WV
SURFACE OWNER: LESLIE B. & LORI D. SCHABER ACREAGE: 71.75
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City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301