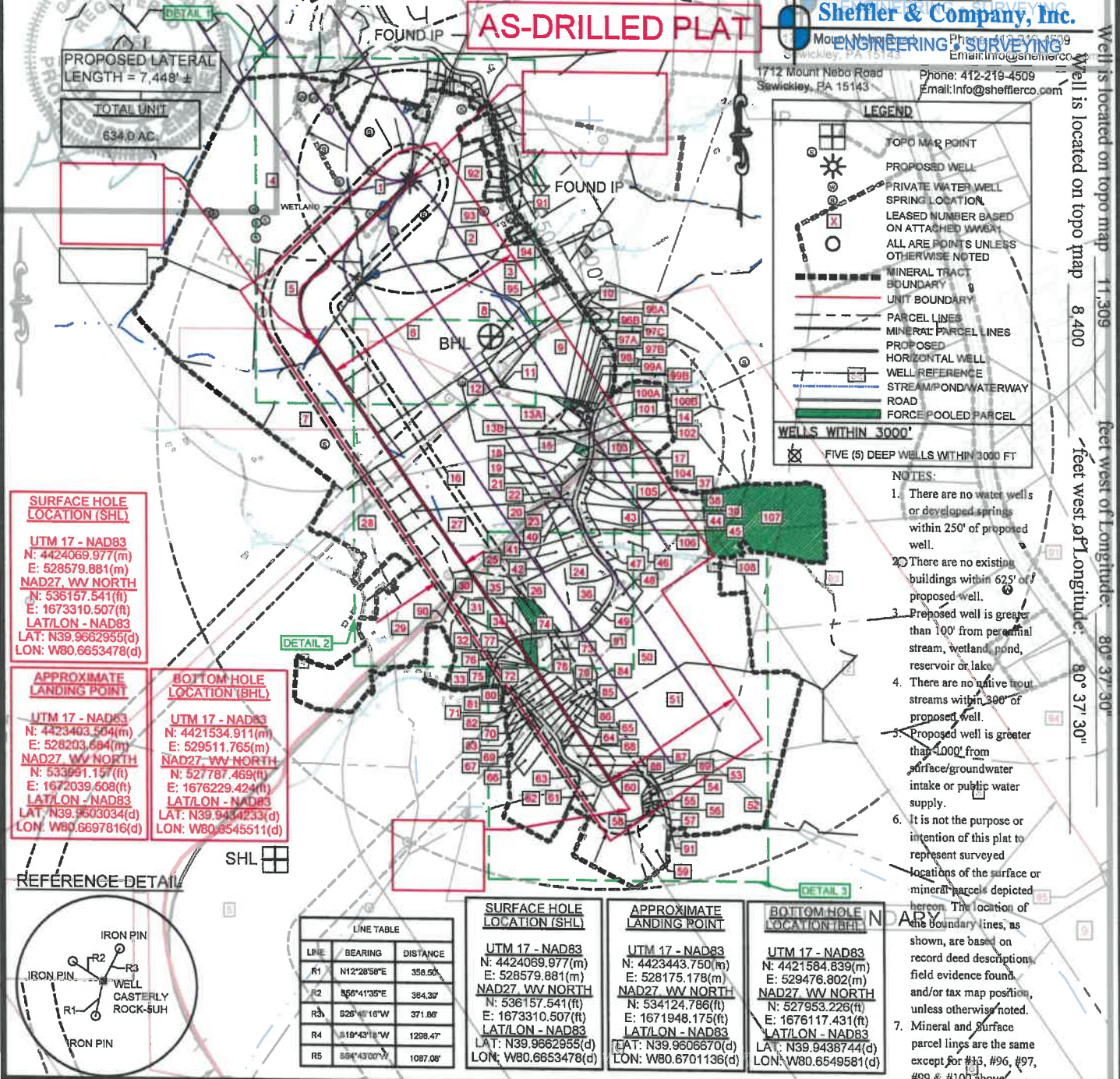


Surface Hole Well is located on topo map 12.278 -- feet south of Latitude: 40° 00' 00"
 Bottom Hole Well is located on topo map 5.267 -- feet south of Latitude: 39° 57' 30"

Sheffler & Company, Inc.
ENGINEERING & SURVEYING
 1712 Mount Nebo Road
 Sawickley, PA 15143
 Phone: 412-219-4509
 Email: info@shefflerco.com

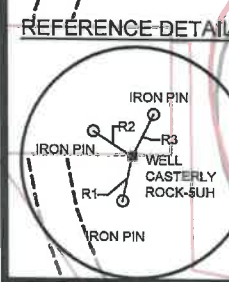
AS-DRILLED PLAT



SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4424069.977(m)
 E: 528579.881(m)
 NAD27, VV NORTH
 N: 536157.541(ft)
 E: 1673310.507(ft)
 LAT/LON - NAD83
 LAT: N39.9662955(d)
 LON: W80.6653478(d)

APPROXIMATE LANDING POINT
 UTM 17 - NAD83
 N: 4423403.504(m)
 E: 528203.694(m)
 NAD27, VV NORTH
 N: 533991.157(ft)
 E: 1672039.608(ft)
 LAT/LON - NAD83
 LAT: N39.9603034(d)
 LON: W80.6697816(d)

BOTTOM HOLE LOCATION (BHL)
 UTM 17 - NAD83
 N: 4421534.911(m)
 E: 529511.765(m)
 NAD27, VV NORTH
 N: 527787.469(ft)
 E: 1676229.424(ft)
 LAT/LON - NAD83
 LAT: N39.9454233(d)
 LON: W80.6545511(d)



LINE	BEARING	DISTANCE
R1	N12°28'59"E	358.50'
R2	S66°41'36"E	384.39'
R3	S26°46'16"W	371.86'
R4	N19°43'11"W	1298.47'
R5	S84°43'00"W	1087.06'

SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4424069.977(m)
 E: 528579.881(m)
 NAD27, VV NORTH
 N: 536157.541(ft)
 E: 1673310.507(ft)
 LAT/LON - NAD83
 LAT: N39.9662955(d)
 LON: W80.6653478(d)

APPROXIMATE LANDING POINT
 UTM 17 - NAD83
 N: 4423443.750(m)
 E: 528175.178(m)
 NAD27, VV NORTH
 N: 534124.766(ft)
 E: 1671948.175(ft)
 LAT/LON - NAD83
 LAT: N39.9606670(d)
 LON: W80.6701136(d)

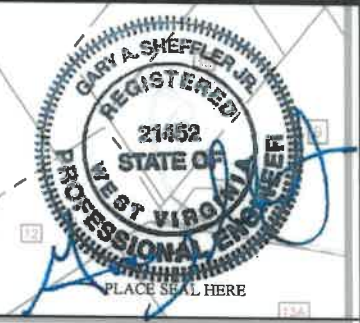
BOTTOM HOLE LOCATION (BHL)
 UTM 17 - NAD83
 N: 4421584.839(m)
 E: 529476.802(m)
 NAD27, VV NORTH
 N: 527953.226(ft)
 E: 1676117.431(ft)
 LAT/LON - NAD83
 LAT: N39.9438744(d)
 LON: W80.6549581(d)

- 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 400' 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 except for #13, #96, #97, #99 & #100 above.

FILE#: GASTERLY ROCK-5UH
 DRAWING#: CRSW-5UH-AS-DRILLED.DWG
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500'
 PROVEN SOURCE USGS MONUMENT OF ELEVATION: 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: *[Signature]*
 R.P.E.: 21452 L.L.S.: P.S. NO.



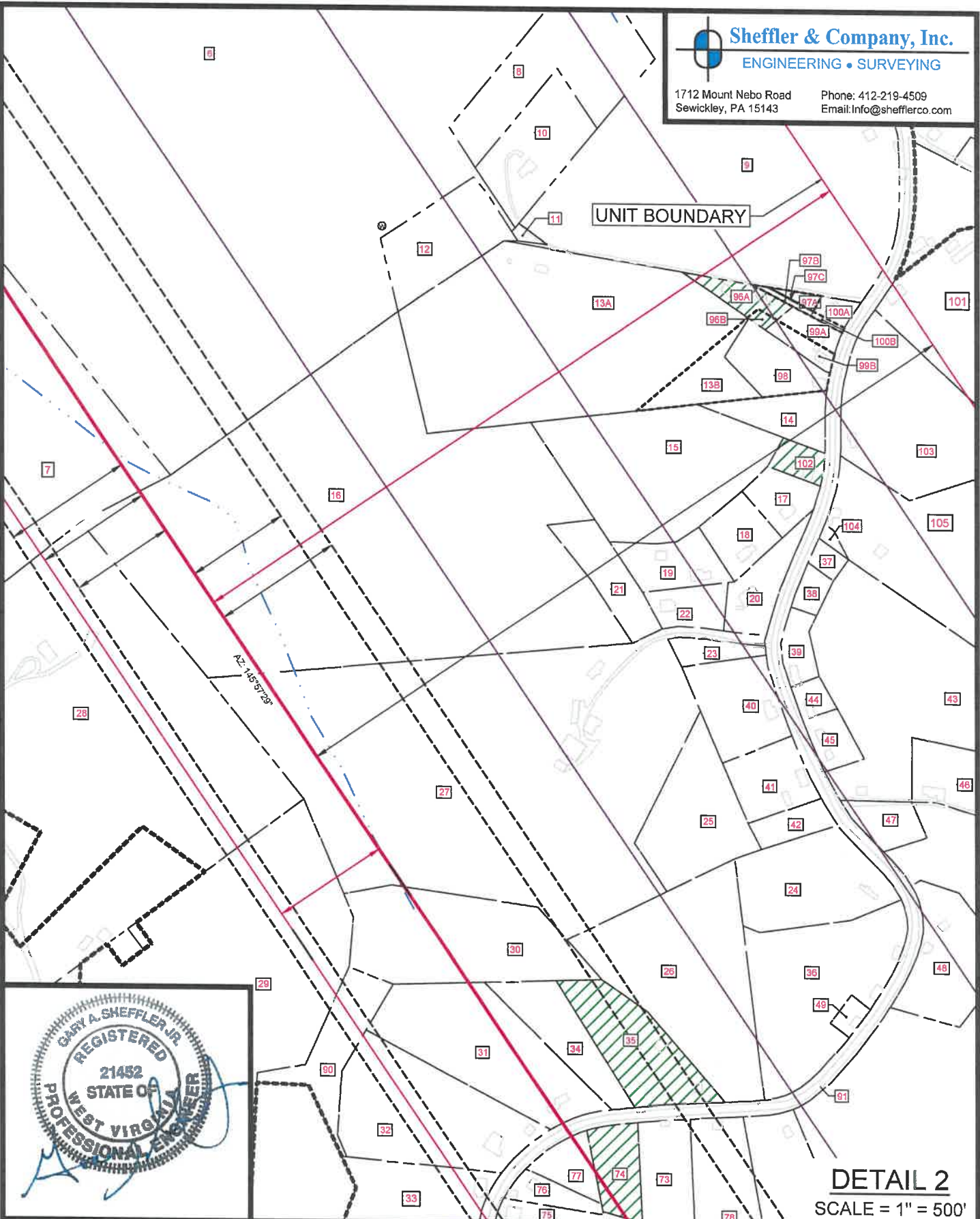
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDOP OFFICE OF OIL & GAS
 669 1/2 57TH STREET
 CHARLESTON, WV 25304

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

WATERSHED: SHORT CREEK OHIO RIVER ORIGINAL ELEVATION: 1,338.53' AS-DRILLED ELEVATION: 1,332.1'
 COUNTY/DISTRICT: MARSHALL UNION QUADRANGLE: MOUNDSVILLE WV
 SURFACE OWNER: LESLIE B. & LORDE SCHABER ACREAGE: 73.79
 OIL & GAS ROYALTY OWNER: CAROLA WENSYEL W/ CAROLA MILLER ACTING AS TRUSTEE FOR THE CAROLA 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 REBRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) AS-DRILLED

TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH: TVVD: 11895 ± TIVMD: 20564 ±
 WELL OPERATOR: AMERICAN PETROLEUM PARTNERS OPERATING, LLC DESIGNATED AGENT: STEVEN GREEN
 Address: 4600 J. BARRY COURT, SUITE 810 Address: 3000 SUMMERS ST, SUITE 1000
 City: CANONSBURG State: PA Zip Code: 15117 City: CHARLESTON State: WV Zip Code: 25301



DETAIL 2
 SCALE = 1" = 500'

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



DATE: November 14, 2018 - AS-DRILLED July 15, 2019

OPERATOR'S WELL #: CASTERLY ROCK-5UH

API WELL # 47 051 02071
 STATE COUNTY PERMIT

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

WATERSHED: SHORT CREEK - OHIO RIVER ORIGINAL ELEVATION: 1,338.53' AS-DRILLED ELEVATION: 1,312.1'

COUNTY/DISTRICT: MARSHALL / UNION QUADRANGLE: MOUNDSVILLE, WV

SURFACE OWNER: LESLIE B. & LORI D. SCHABER ACREAGE: 73.79

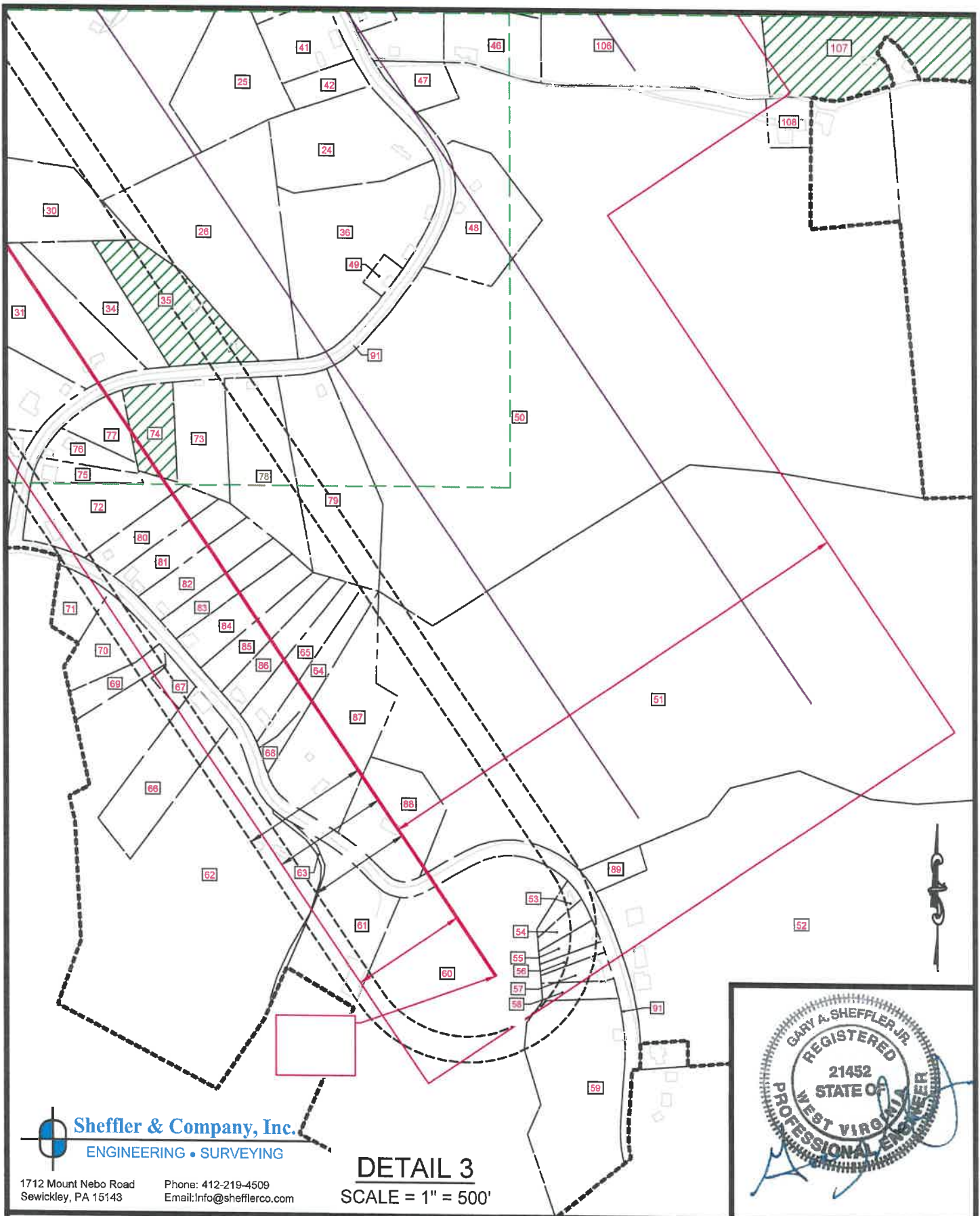
OIL & GAS ROYALTY OWNER: CAROL A. WENSYEL AKA CAROL A. MILLER, ACTING AS TRUSTEE FOR THE CAROL A. WENSYEL IRREVOCABLE TRUST DATED OCTOBER 28, 2010 AND JOHN F. MILLER, SR. TRUSTEE OF THE JOHN F. MILLER, SR. IRREVOCABLE TRUST, DATED OCTOBER 28, 2010. TRUST ACREAGE: 73.74

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 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) AS-DRILLED

TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH: TVD: 11,395' ± TMD: 20,554' ±

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



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DETAIL 3
SCALE = 1" = 500'

(+) DENOTES LOCATION OF
WELL ON UNITED STATES
TOPOGRAPHIC MAPS
WVDEP
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City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301