

Well is located on topo map 1120 feet south of Latitude: 39° 25' 00"

Well is located on topo map 6558 feet west of Longitude: 80° 47' 30"

SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4362691.576
 E: 515937.258
 NAD27, WV NORTH
 N: 335439.543
 E: 1628465.128
LAT/LON DATUM-NAD83
 LAT: 39.413594
 LON: -80.814867

APPROX. LANDING POINT
 UTM 17 - NAD83
 N: 4362866.906
 E: 516144.930
 NAD27, WV NORTH
 N: 336003.499
 E: 1629156.209
LAT/LON DATUM-NAD83
 LAT: 39.415170
 LON: -80.812450

BOTTOM HOLE LOCATION
 UTM 17 - NAD83
 N: 4360506.433
 E: 517048.955
 NAD27, WV NORTH
 N: 328208.017
 E: 1631993.519
LAT/LON DATUM-NAD83
 LAT: 39.393883
 LON: -80.802009

LINE TABLE

LINE	BEARING	DISTANCE
R1	N74°48'06"W	153.43'
R2	N31°09'30"E	571.94'
R3	S07°46'58"W	258.03'
R4	S16°15'30"W	883.21'
R5	N26°12'33"E	604.23'



LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WVB#1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED WELL
- HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD
- RECORD GAS 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, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

PVE Sheffler
 Engineering • Surveying • Design
 Waterfront Corporate Park III, Suite 101
 2000 Georgetowne Drive
 Sewickley, PA 15143-8992
 Phone: 724-444-1100

FILE #: SHR 30 EHS
 DRAWING #: SHR 30 EHS
 SCALE: 1"=1500'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: USGS MONUMENT A 142: 724.61

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.: 18766 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: McELROY CREEK ELEVATION: 919.92
 COUNTY/DISTRICT: McELROY / TYLER QUADRANGLE: SHIRLEY, W. VA
 SURFACE OWNER: ALLEN W. SECKMAN, ET AL. ACREAGE: 20.02
 OIL & GAS ROYALTY OWNER: ALLEN W. SECKMAN, ET AL. ACREAGE: 20.02

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: MARCELLUS ESTIMATED DEPTH: TVD: 6,568' ± TMD: 15,743' ±
 WELL OPERATOR: NOBLE ENERGY, INC. DESIGNATED AGENT: STEVEN M. GREEN
 Address: 333 TECHNOLOGY DRIVE, SUITE 116 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

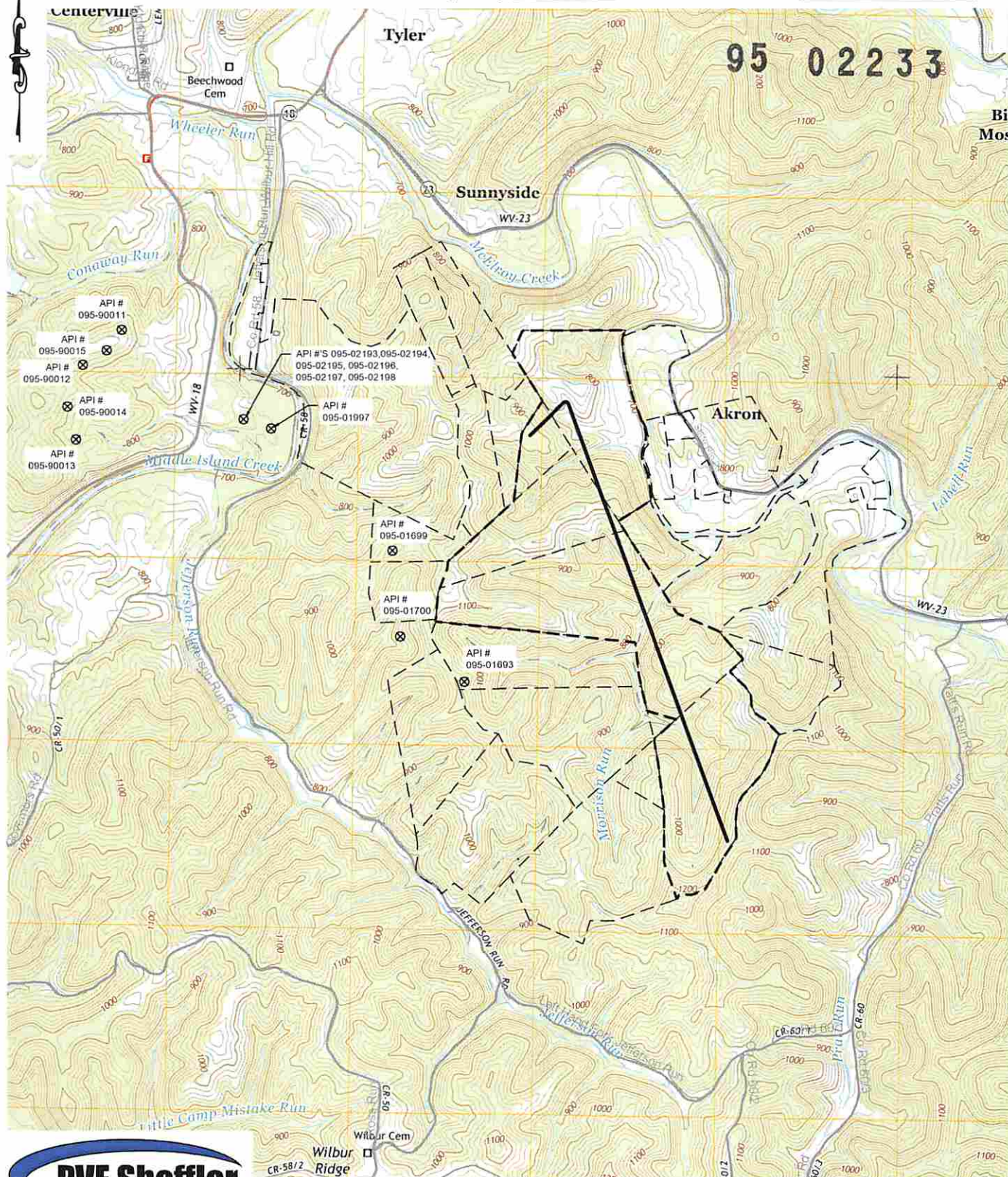
DATE: DECEMBER 30, 2014 - REV. JANUARY 7, 2015

OPERATOR'S WELL #: SHR 30 EHS

API WELL # 47 095 02233
 STATE COUNTY PERMIT

04/17/2015

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Received
 Office of Oil & Gas



JAN 26 2015

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