

Well is located on topo map 11,177

feet south of Latitude: 40° 02' 30"

Well is located on topo map 9,778

feet west of Longitude: 80° 32' 30"

LEGEND

- TOPO MAP POINT
- WELL
- WATER SOURCE
- LEASED NUMBER
- BASED ON
- ATTACHED WW6A1
- ALL ARE POINTS
- UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM
- CENTERLINE
- ROAD

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4429062.935
 E: 536138.013
 NAD27, WV NORTH
 N: 552126.726
 E: 1698385.777
 LAT/LON DATUM-NAD83
 LAT: 40.010991
 LON: -80.576571

APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4428956.730
 E: 536230.943
 NAD27, WV NORTH
 N: 551773.222
 E: 1698684.884
 LAT/LON DATUM-NAD83
 LAT: 40.01003
 LON: -80.575488

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4427380.639
 E: 537374.319
 NAD27, WV NORTH
 N: 546538.424
 E: 1702350.241
 LAT/LON DATUM-NAD83
 LAT: 39.99578
 LON: -80.562183



WATER WELLS: NONE FOUND

- 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.

LINE TABLE

| LINE | BEARING | DISTANCE |
|------|-------------|----------|
| R1 | N89°40'18"E | 294.06' |
| R2 | N60°49'18"W | 63.07' |
| R3 | S33°14'51"W | 455.00' |
| R4 | N89°40'18"E | 294.06' |
| R5 | N83°34'52"W | 1631.53' |

WELLS WITHIN 3000'

PLUGGED WELL

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

FILE #: SHL 22 FHS
 DRAWING #: SHL 22 FHS
 SCALE: 1"=1500'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT WILSON KNOB 1462.02

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



DATE: AUGUST 29, 2014 REV: FEBRUARY 18, 2015
 OPERATOR'S WELL #: SHL 22 FHS
 API WELL # 47 051 01792
 STATE COUNTY PERMIT

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

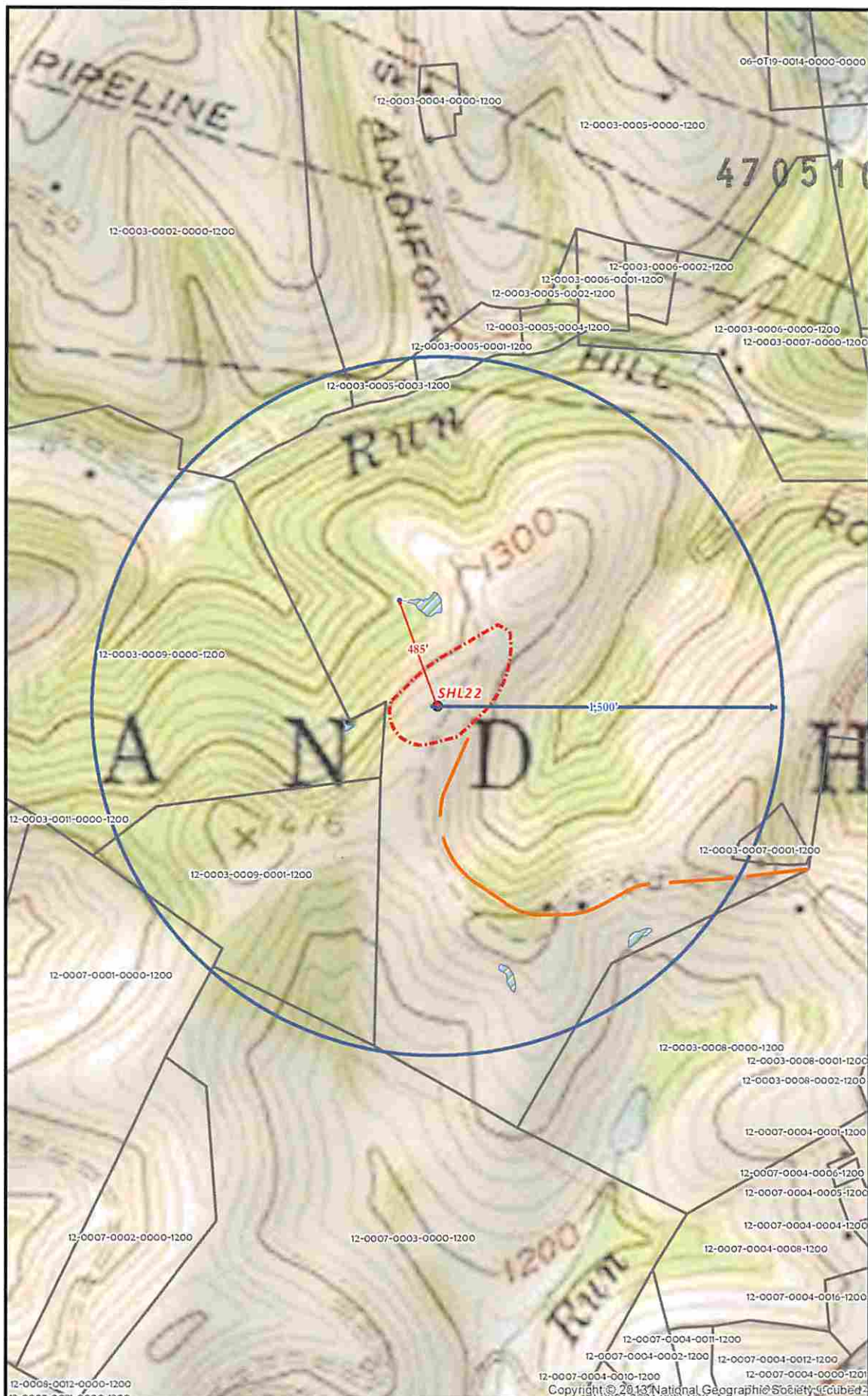
WATERSHED: WHEELING CREEK ELEVATION: 1322'
 COUNTY/DISTRICT: MARSHALL / SAND HILL QUADRANGLE: VALLEY GROVE, W. VA.
 SURFACE OWNER: CONSOL MINING CO. (CONSOL ENERGY) ACREAGE: 170.55
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY, LLC, ET AL. ACREAGE: 170.55

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

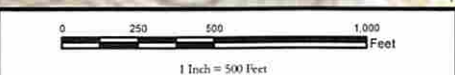
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,680' ± TMD: 13,412' ±
 WELL OPERATOR: NOBLE ENERGY, INC. DESIGNATED AGENT: STEVEN M. GREEN
 Address: 333 TECHNOLOGY DRIVE, SUITE 116 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
 City CANNONBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

02/27/2015

4705101792



SHL 22 SITE SAFETY PLAN
- SITE WELL LOCATION -



Projection: NAD 1927 StatePlane West Virginia North FIPS 4701
 Units: Foot US

Date: 7/24/2014
 Author:
 Christopher Glover

- Well Pad
- SPRING
- Well Pad Boundary
- Evacuation Route
- Wetlands
- Well Pad Boundary
- Water Wells Buffer
- Parcels
- Counties
- Stakes

****Disclaimer: All data is licensed for use by Noble Energy Inc. use only.****

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