

LEGEND

- TOPO MAP POINT
- WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WW641
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM
- CENTERLINE
- ROAD

WATER WELLS:
NONE FOUND

Well is located on topo map 11,177

feet south of Latitude: 40° 02' 30"

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
N: 4429067.178
E: 536142.388
NAD27, WV NORTH
N: 552140.522
E: 1698400.366
LAT/LON DATUM-NAD83
LAT: 40.011029
LON: -80.57652

APPROX. LANDING POINT

UTM 17 - NAD83
N: 4429016.545
E: 536413.406
NAD27, WV NORTH
N: 551959.476
E: 1699286.907
LAT/LON DATUM-NAD83
LAT: 40.010561
LON: -80.573347

BOTTOM HOLE LOCATION

UTM 17 - NAD83
N: 4427486.643
E: 537523.266
NAD27, WV NORTH
N: 546878.093
E: 1702844.811
LAT/LON DATUM-NAD83
LAT: 39.996729
LON: -80.560432

Well is located on topo map 11,177 feet west of Longitude: 80° 32' 30"

- NOTES:**
1. There are no water wells or developed springs within 250' of proposed well.
 2. There are no existing buildings within 625' of proposed well.
 3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 4. There are no native trout streams within 300' of proposed well.
 5. Proposed well is greater than 1000' from surface groundwater intake or public water supply.
 6. 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	BEARING	DISTANCE
R1	N87°08'59"E	309.02'
R2	N42°20'02"W	60.10'
R3	S32°37'45"W	435.58'
R4	N87°08'59"E	309.02'
R5	N83°02'32"W	1618.03'

REFERENCE DETAIL



WELLS WITHIN 3000'
 PLUGGED WELL

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

FILE #: SHL 22 GHS
DRAWING #: SHL 22 GHS
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: [Signature]
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: SEPTEMBER 2, 2014 - REV. JANUARY 15, 2014
OPERATOR'S WELL #: SHL 22 GHS
API WELL # 47 051 01789 H6 A
STATE COUNTY PERMIT

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

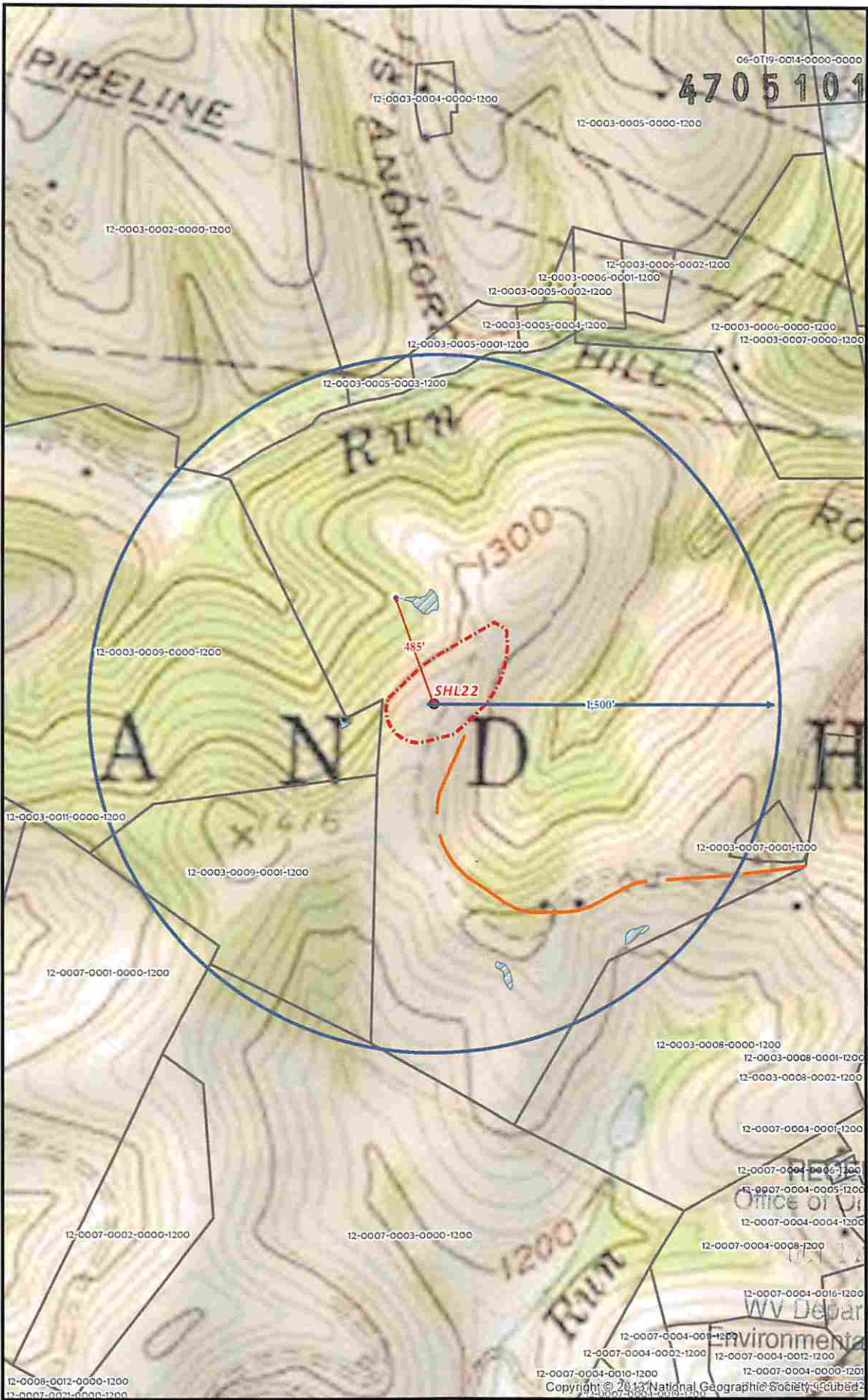
WATERSHED: WHEELING CREEK ELEVATION: 1322'
COUNTY/DISTRICT: MARSHALL / SAND HILL QUADRANGLE: VALLEY GROVE, W. VA.
SURFACE OWNER: CONSOL MINING CO. (CONSOL ENERGY) ACREAGE: 170.55
OIL & GAS ROYALTY OWNER: CNX GAS COMPANY, LLC, ET AL. ACREAGE: 170.55

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: 13,471' ±
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

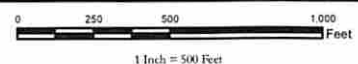
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Office of Oil and Gas
2014
WV Department of Environmental Protection

SHL 22 SITE SAFETY PLAN
- SITE WELL LOCATION -



Date: 7/24/2014

Author:
Christopher Glover

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

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

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

