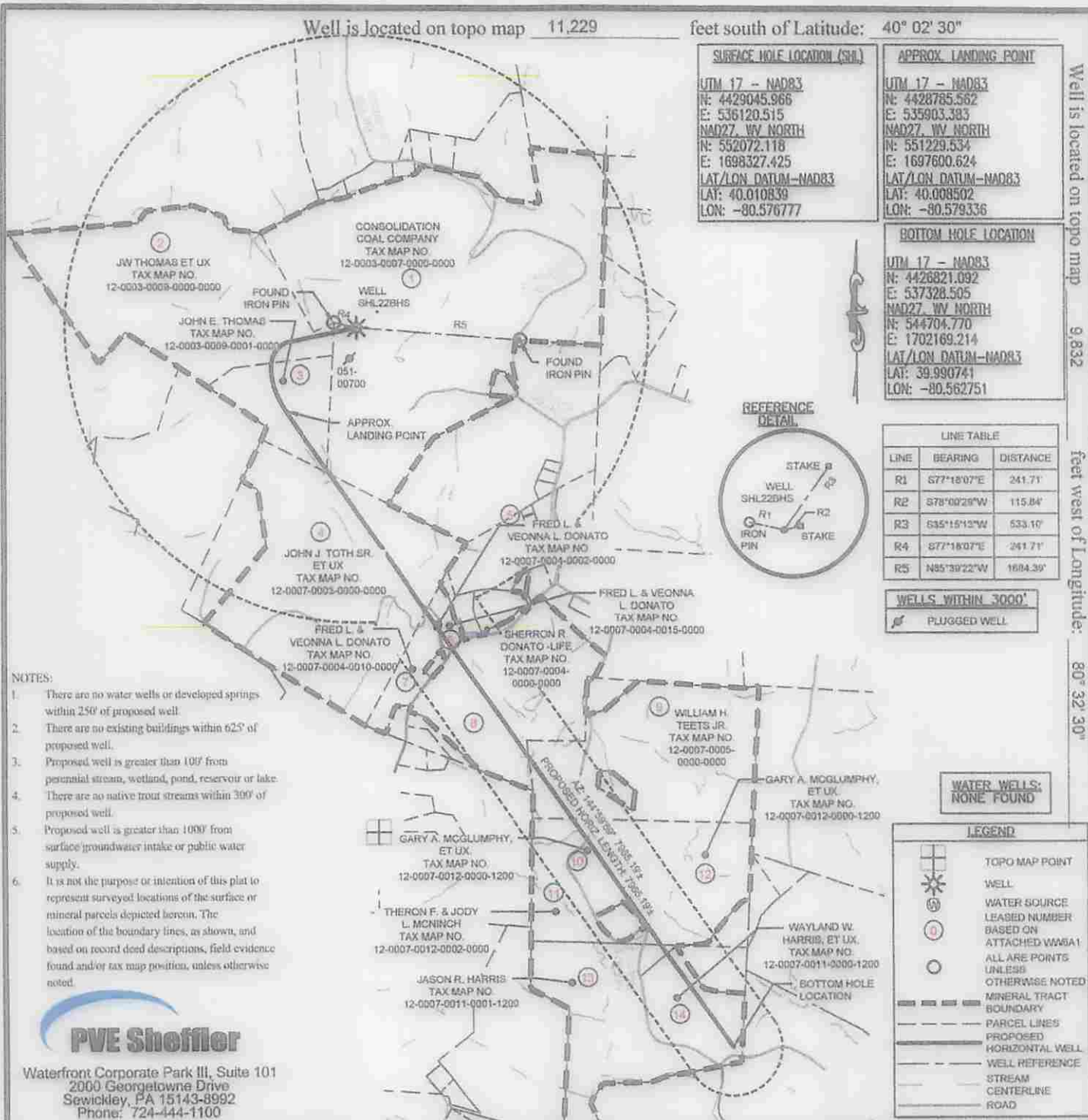


Well is located on topo map 11,229

feet south of Latitude: 40° 02' 30"

Well is located on topo map 9,832
feet west of Longitude: 80° 32' 30"



SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
N: 4429045.966
E: 536120.515
NAD27, WV NORTH
N: 552072.118
E: 1698327.425
LAT/LON DATUM-NAD83
LAT: 40.010839
LON: -80.576777

APPROX. LANDING POINT

UTM 17 - NAD83
N: 4428785.562
E: 535903.383
NAD27, WV NORTH
N: 551229.534
E: 1697600.624
LAT/LON DATUM-NAD83
LAT: 40.008502
LON: -80.579336

BOTTOM HOLE LOCATION

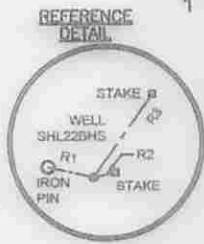
UTM 17 - NAD83
N: 4426821.092
E: 537328.505
NAD27, WV NORTH
N: 544704.770
E: 1702169.214
LAT/LON DATUM-NAD83
LAT: 39.990741
LON: -80.562751

LINE TABLE

LINE	BEARING	DISTANCE
R1	S77°18'07"E	241.71'
R2	S78°00'29"W	115.84'
R3	S35°15'12"W	533.19'
R4	S77°18'07"E	241.71'
R5	N85°39'22"W	1604.39'

WELLS WITHIN 3000'

PLUGGED 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 herein. 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.



Waterfront Corporate Park III, Suite 101
2000 Georgetowne Drive
Sewickley, PA 15143-8992
Phone: 724-444-1100

WATER WELLS: NONE FOUND

LEGEND

- TOPO MAP POINT
- WELL
- WATER SOURCE LEASED NUMBER BASED ON ATTACHED WMSA1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM CENTERLINE
- ROAD

FILE #: SHL 22 BHS
DRAWING #: SHL 22 BHS
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: *Charles Douglas Davidson*
R.P.E.: L.L.S.: P.S. NO. 819



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



DATE: DECEMBER 09, 2014
OPERATOR'S WELL #: SHL 22 BHS
API WELL # 47 051 01807 H6A
STATE COUNTY PERMIT

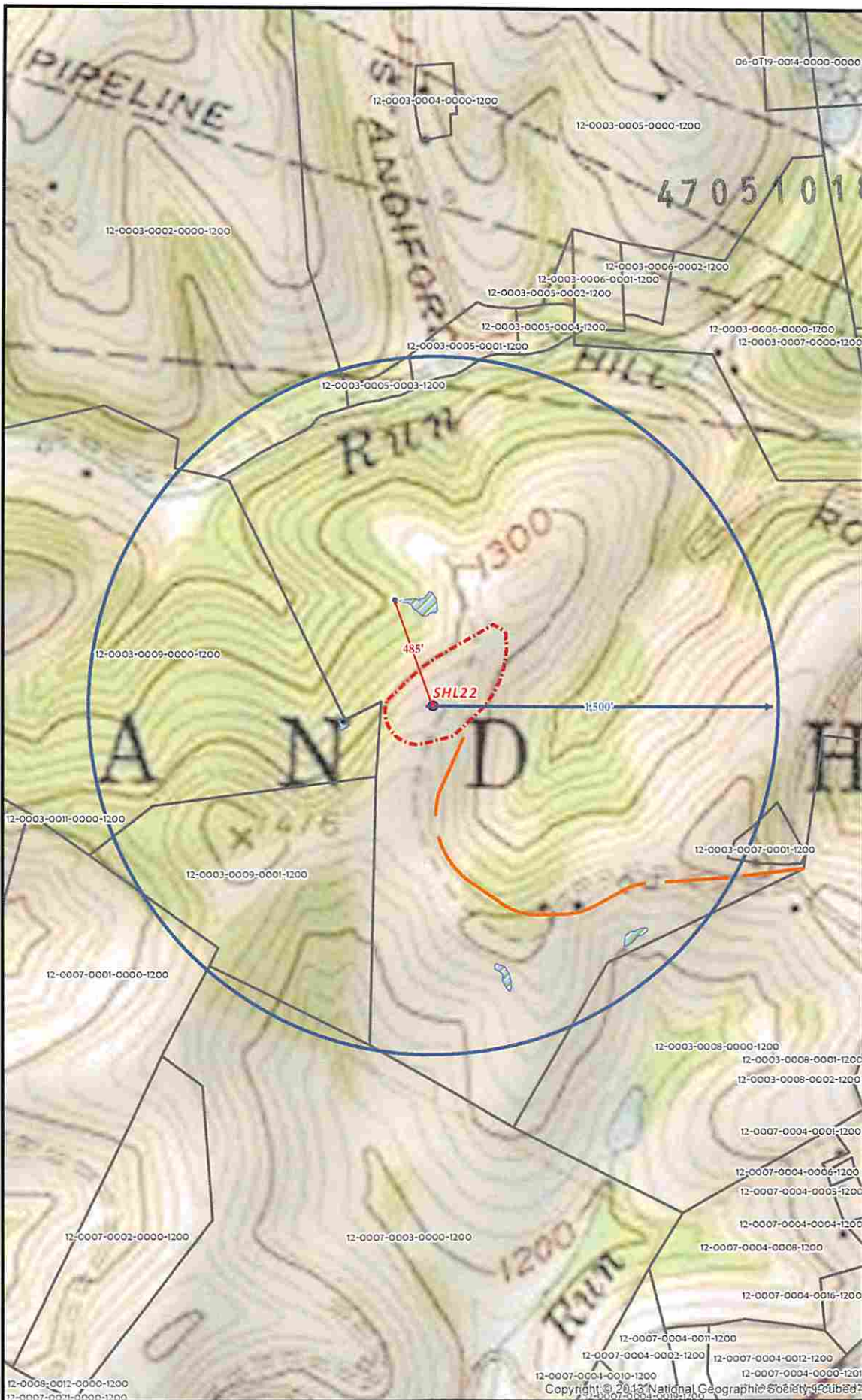
Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

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: 15,334' ±
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

02/27/2015



SHL 22 SITE SAFETY PLAN
- SITE WELL LOCATION -

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

0 250 500 1,000
 Feet
 1 Inch = 500 Feet

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.****

Date: 7/24/2014

Author:
 Christopher Glover

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