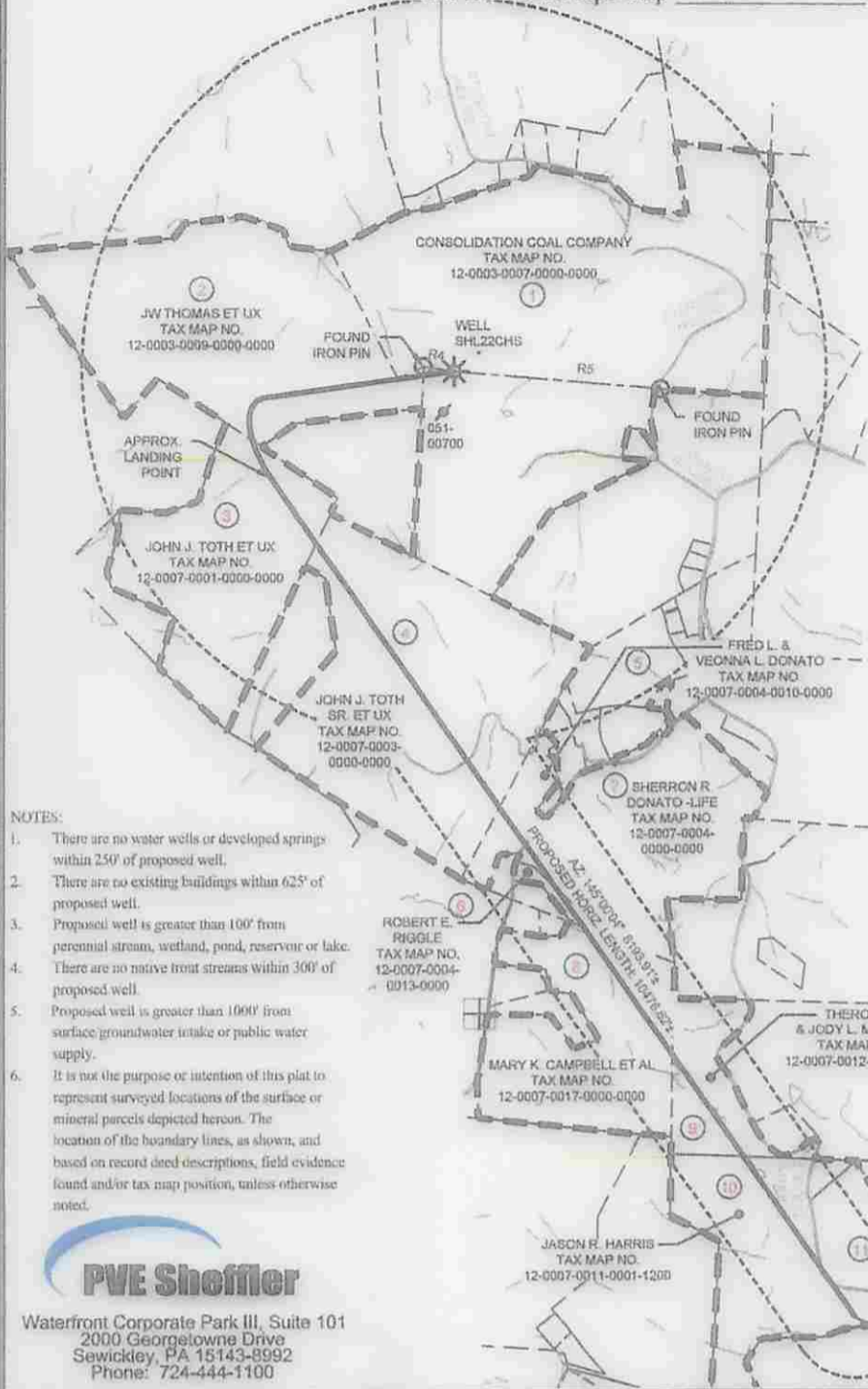


Well is located on topo map 11.215

feet south of Latitude: 40° 02' 30"

Well is located on topo map 9.817  
feet west of Longitude: 80° 32' 30"



**SURFACE HOLE LOCATION (SHL)**

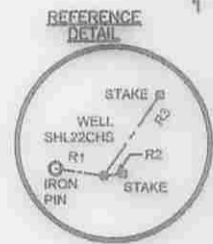
UTM 17 - NAD83  
N: 4429050.208  
E: 536124.889  
NAD27 - WV NORTH  
N: 552085.798  
E: 1698342.013  
LAT/LON DATUM-NAD83  
LAT: 40.010877  
LON: -80.576726

**APPROX. LANDING POINT**

UTM 17 - NAD83  
N: 4428780.972  
E: 535680.862  
NAD27 - WV NORTH  
N: 551226.698  
E: 1696670.188  
LAT/LON DATUM-NAD83  
LAT: 40.00847  
LON: -80.581943

**BOTTOM HOLE LOCATION**

UTM 17 - NAD83  
N: 4426760.056  
E: 537146.857  
NAD27 - WV NORTH  
N: 544514.459  
E: 1701569.806  
LAT/LON DATUM-NAD83  
LAT: 39.990199  
LON: -80.564883



**LINE TABLE**

LINE	BEARING	DISTANCE
R1	S81°02'20"E	253.35'
R2	S63°58'43"W	99.41'
R3	S34°49'03"W	513.61'
R4	S81°02'20"E	253.35'
R5	N85°00'04"W	1671.06'

**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 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.



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 WWSA1 ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM CENTERLINE
- ROAD

FILE #: SHL 22 CHS  
DRAWING #: SHL 22 CHS  
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 CHS  
API WELL # 47 051 01808H6A  
STATE COUNTY PERMIT

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

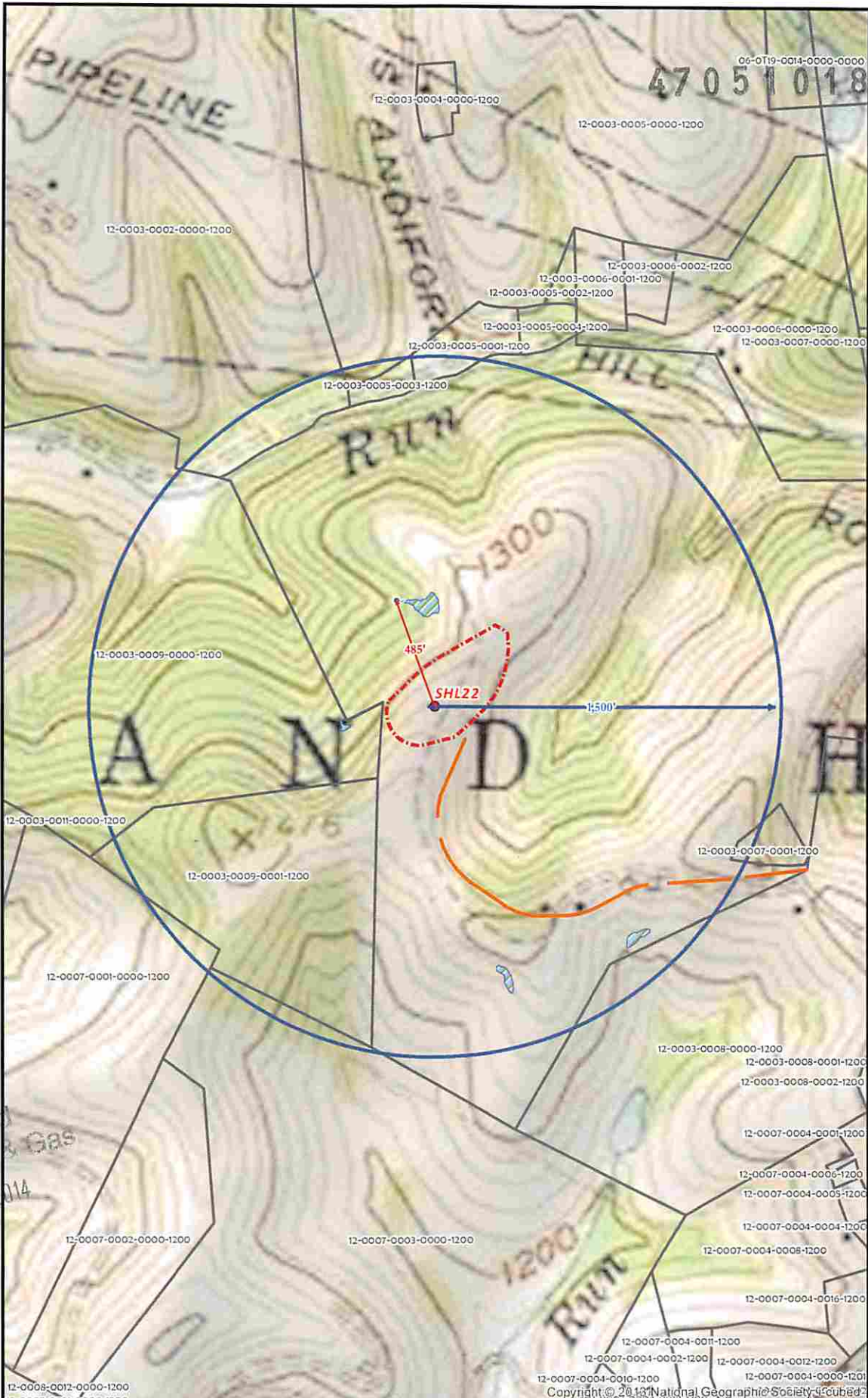
WATERSHED: WHEELING CREEK ELEVATION: 1322'  
COUNTY/DISTRICT: MARSHALL / SAND HILL QUADRANGLE: VALLEY GROVE, W. VA.  
SURFACE OWNER: CONSOL MINING CO. (CONSOL ENERGY) ACREAGE: 170.55  
OIL & GAS ROYALTY OWNER: CNX GAS COMPANY, LLC, ET AL. ACREAGE: 170.55

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: 15,685' ±  
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

06-0119-0014-0000-0000  
4705101808



Received  
Office of Oil & Gas  
DEC 15 2014

<b>SHL 22 SITE SAFETY PLAN</b> - SITE WELL LOCATION -				Date: 7/24/2014
Projection: NAD 1927 StatePlane West Virginia North FIPS 4701 Units: Foot US		Author: Christopher Glover		
Well Pad SPRING Evacuation Route	Wells Well Pad Boundary Water Wells Buffer	Parcels Counties States		6 6
<b>**Disclaimer: All data is licensed for use by Noble Energy Inc. use only.**</b>				