

Well is located on topo map 1080 feet south of Latitude: 39° 25' 00"

Well is located on topo map 6602 feet west of Longitude: 80° 47' 30"

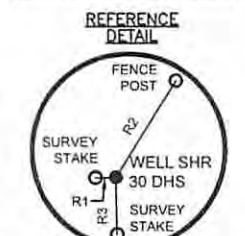
SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4362703.846
 E: 515923.706
 NAD27, WV NORTH
 N: 335480.551
 E: 1628421.328
 LAT/LON DATUM-NAD83
 LAT: 39.413705
 LON: -80.815024

APPROX. LANDING POINT
 UTM 17 - NAD83
 N: 4362799.256
 E: 515975.106
 NAD27, WV NORTH
 N: 335790.820
 E: 1628595.222
 LAT/LON DATUM-NAD83
 LAT: 39.414564
 LON: -80.814425

BOTTOM HOLE LOCATION
 UTM 17 - NAD83
 N: 4360304.886
 E: 516930.411
 NAD27, WV NORTH
 N: 327553.144
 E: 1631593.478
 LAT/LON DATUM-NAD83
 LAT: 39.392070
 LON: -80.803391

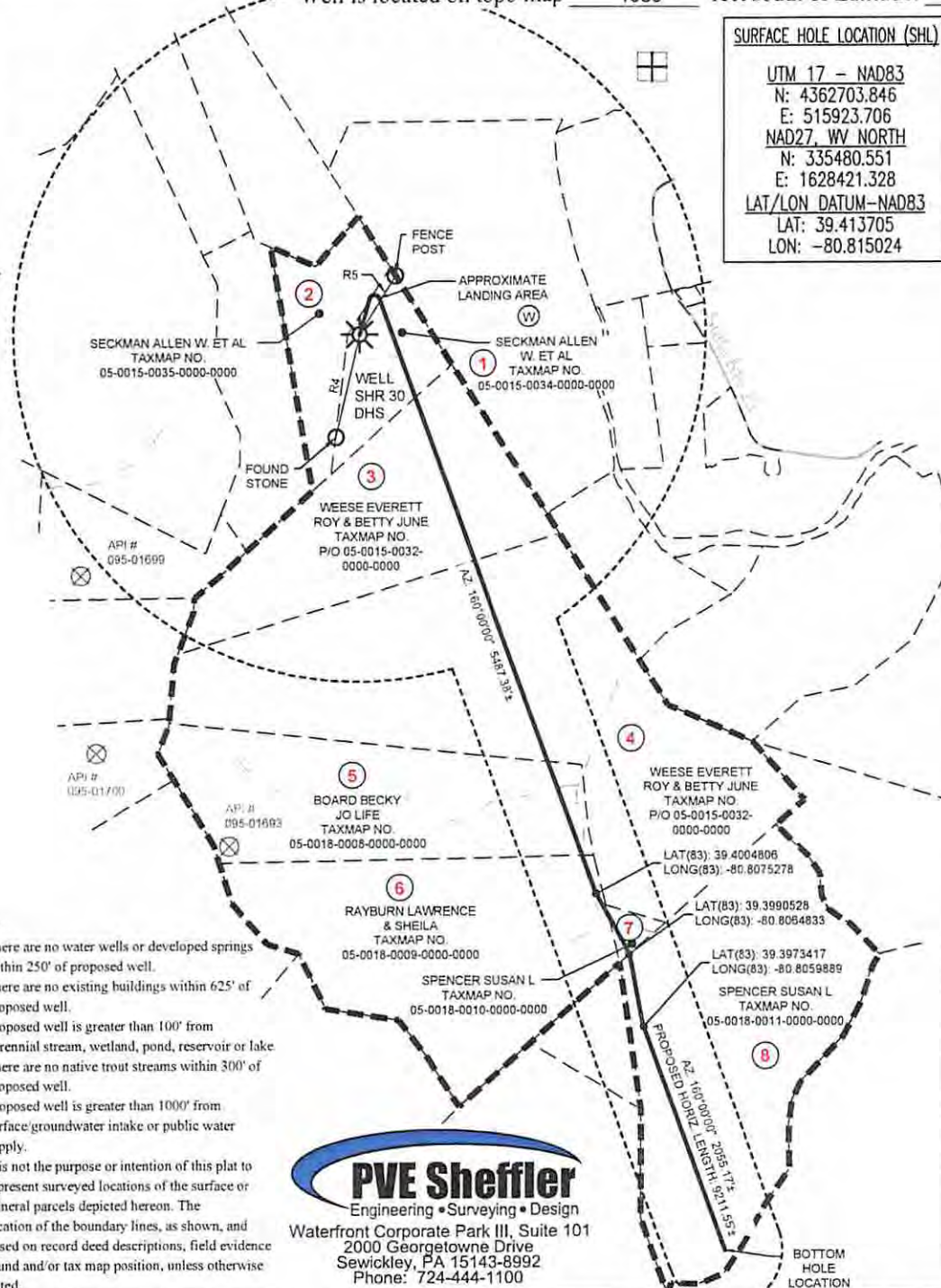
LINE TABLE

LINE	BEARING	DISTANCE
R1	S89°34'13"W	104.27'
R2	N31°47'48"E	589.58'
R3	S01°46'28"E	294.81'
R4	S12°53'44"W	911.88'
R5	N31°47'48"E	589.58'



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 LINES
- 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 DHS
 DRAWING #: SHR 30 DHS
 SCALE: 1"=1500'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE USGS MONUMENT
 OF ELEVATION: 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



DATE: DECEMBER 30, 2014 - REV. JANUARY 20, 2015
 OPERATOR'S WELL #: SHR 30 DHS
 API WELL # 47 095 02241
 STATE COUNTY PERMIT

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

WATERSHED: McELROY CREEK ELEVATION: 920.51
 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

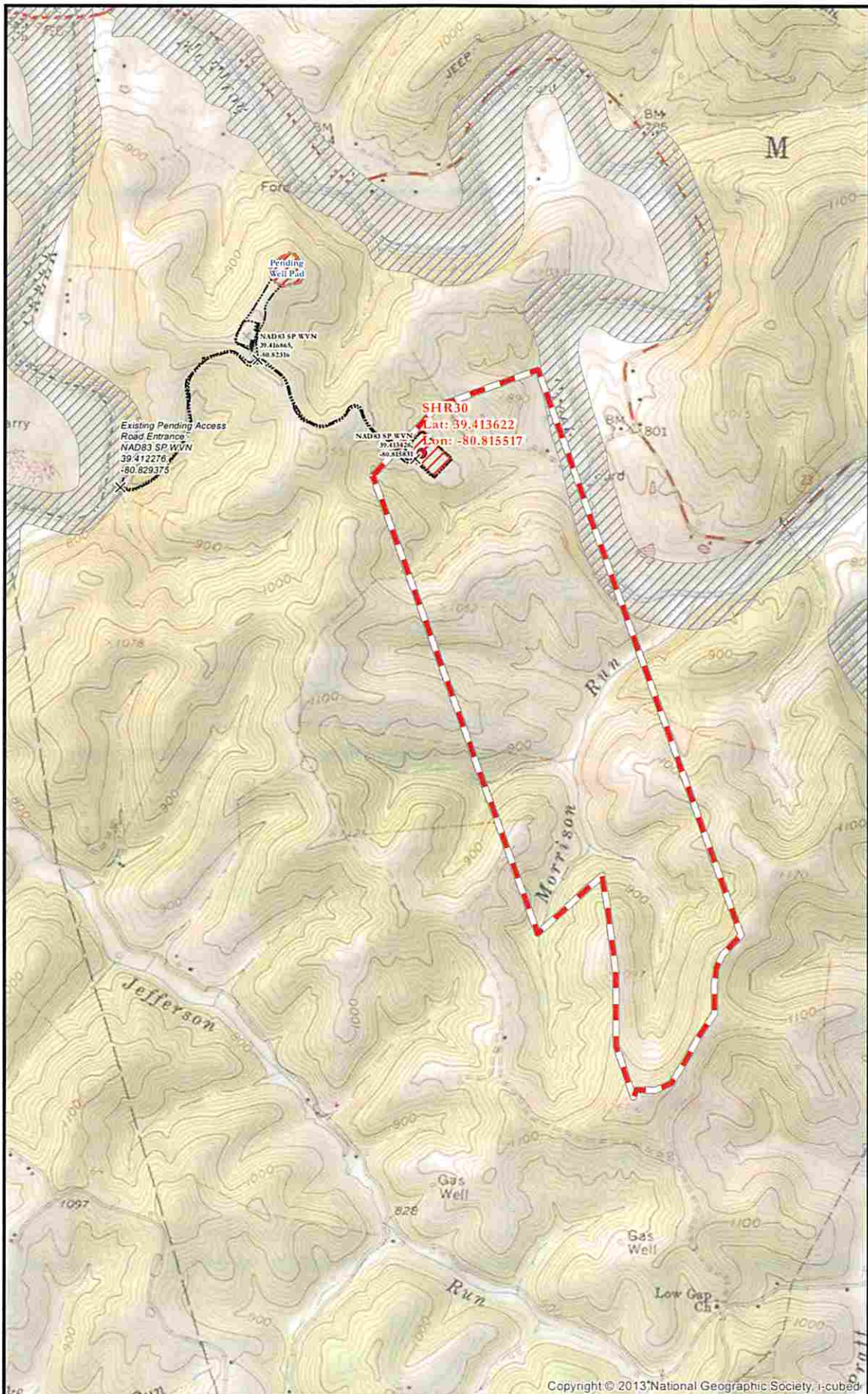
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS
 WELL OPERATOR: NOBLE ENERGY, INC.
 Address: 333 TECHNOLOGY DRIVE, SUITE 116
 City CANONSBURG State PA Zip Code 15317

ESTIMATED DEPTH: TVD: 6,568' ± TMD: 16,213' ±
 DESIGNATED AGENT: STEVEN M. GREEN JAN 28 2015
 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
 City CHARLESTON State WV Zip Code 25301

Received
 Office of Oil & Gas

04/17/2015



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SHR 30 SITE SAFETY PLAN - FLOODPLAIN ZONES -		<p>1 Inch = 1,500 feet</p>		Date: 11/20/2014 Author: Christopher Glover	
Well Pad Access Road Intersection Hydrology	Proposed Access Road Use Sensitive Drilling Floodplain Well Pad Boundary	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.**			