

Well is located on topo map 14,578' feet south of Latitude: 39° 22' 30"

Well is located on topo map 9,809' feet west of Longitude: 80° 57' 30"

**LEGEND**

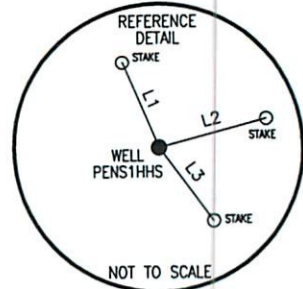
- TOPO MAP POINT
- PROPOSED GAS WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- WATER SOURCE
- LEASE NUMBER
- SURFACE BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- AS DRILLED
- EXISTING WELLS
- PLUGGED WELLS

**WELLS WITHIN 3000'**

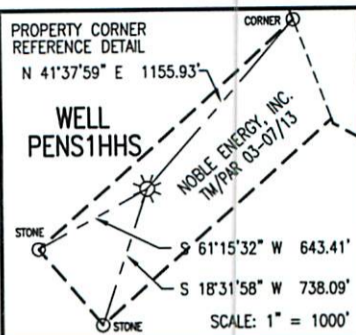
- EXISTING WELLS
- PLUGGED WELLS

**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, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.



LINE	BEARING	DISTANCE
L1	N 22°50'23" W	191.86'
L2	N 75°26'47" E	231.27'
L3	S 36°36'58" E	188.76'



**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83  
 N:4355959.64  
 E:498937.84  
 NAD27, WV NORTH  
 N:314281.28  
 E:1572312.20

**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83  
 N:4355960.47  
 E:498937.76  
 NAD27, WV NORTH  
 N:314284.011  
 E:1572311.971

**APPROX. LANDING POINT**  
 UTM 17-NAD83  
 N:4354123.65  
 E:500631.59  
 NAD27, WV NORTH  
 N:308169.01  
 E:1577441.57

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83  
 N:4353959.524  
 E:500618.883  
 NAD27, WV NORTH  
 N:307625.63  
 E:1577719.03

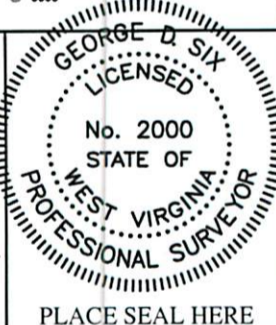
**SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83  
 N:4353959.46  
 E:500619.08  
 NAD27, WV NORTH  
 N:307625.415  
 E:1577719.664

TRACT	LESSORS
1	JOSEPH F. & JOYCE A. SCHMIDLE
2	JOSEPH F. & JOYCE A. SCHMIDLE
3	JOSEPH F. & JOYCE A. SCHMIDLE
4	JOSEPH F. & JOYCE A. SCHMIDLE
5	CLARENCE W. & MARY FRANCES MUTSCHELKNAUS
6	DAVID T. MIHLBAUER ET AL
7	CINDA L. & DAVID M. FLEMING ET AL
8	CINDA L. & DAVID M. FLEMING ET AL
9	JOHN & EDITH SMITH ET AL



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: *George D. Six*  
 R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2000



FILE #: PENS1HHS-AS DRILLED  
 DRAWING #: PENS1HHS-AS DRILLED  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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



DATE: AUGUST 26, 2014  
 OPERATOR'S WELL #: PENS1HHS-AS DRILLED  
 API WELL #: 47 85 MOD10033H6A  
 STATE COUNTY PERMIT

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

WATERSHED: BONDS CREEK ELEVATION: 1117.78'  
 COUNTY/DISTRICT: RITCHIE / CLAY QUADRANGLE: PENNSBORO, WV 7.5'  
 SURFACE OWNER: NOBLE ENERGY, INC. ACREAGE: 19.759±  
 OIL & GAS ROYALTY OWNER: SEE TABLE ABOVE ACREAGE: 610.971±

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

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,359± TMD: 14,581±  
 WELL OPERATOR NOBLE ENERGY, INC. DESIGNATED AGENT STEVEN M. GREEN  
 Address 333 TECHNOLOGY DRIVE, SUITE 110 Address 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 1001  
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

12/05/2014