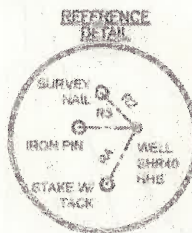


Well is located on topo map 594 feet south of Latitude: 39° 26' 00"



SURFACE HOLE LOCATION (SP)
 UTM 17 - NAD83
 N: 4362848.761
 E: 514254.067
 NAD27, WV NORTH
 N: 338047.632
 E: 1622952.940
 LAT/LON DATUM - NAD83
 LAT: 39.415040
 LON: -80.634407

APPROX. LANDING POINT
 UTM 17 - NAD83
 N: 4362799.477
 E: 514824.109
 NAD27, WV NORTH
 N: 335854.689
 E: 1624018.220
 LAT/LON DATUM - NAD83
 LAT: 39.414586
 LON: -80.627795

BOTTOM HOLE LOCATION
 UTM 17 - NAD83
 N: 4360267.218
 E: 515793.930
 NAD27, WV NORTH
 N: 327491.870
 E: 1627862.030
 LAT/LON DATUM - NAD83
 LAT: 39.391752
 LON: -80.816589

LINE	BEARING	DISTANCE
R2	S45°08'11"E	267.98
R3	S88°48'14"E	313.25
R4	N27°45'48"E	341.73
R5	N45°16'44"E	577.98
R6	N51°38'34"W	841.10

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASE NUMBER BASED ON ATTACHED WMS#1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD

WELLS WITHIN 3000'

- EXISTING GAS WELL
- 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 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.

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

FILE # SHR 40 HHS
 DRAWING # SHR 40 HHS
 SCALE: 1"=2500'
 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: *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

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

WATERSHED: MIDDLE ISLAND CREEK ELEVATION: 771'
 COUNTY/DISTRICT: CENTERVILLE / TYLER QUADRANGLE: SHIRLEY, W VA
 SURFACE OWNER: NOBLE ENERGY, INC ACREAGE: 572.64
 OIL & GAS ROYALTY OWNER: DAVID L. MAPLE, ET AL. ACREAGE: 357.43



DATE: SEPTEMBER 4, 2014
 OPERATOR'S WELL #: SHR 40 HHS
 API WELL # 47 095 02210H6A
 STATE COUNTY PERMIT

- 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: BURKETT ESTIMATED DEPTH: TVD: 8,295± TMD: 15,110±
 WELL OPERATOR: NOBLE ENERGY, INC. DESIGNATED AGENT: STEVEN M. GREEN
 Address: 333 TECHNOLOGY DRIVE, SUITE 116 Address: 600 VIRGINIA STREET EAST, UNITED CENTER SUITE 500
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

Well is located on topo map 303 feet west of Longitude: 80° 50' 00"