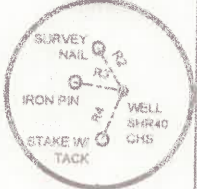


Well is located on topo map 635 feet south of Latitude: 39° 25' 00"

Well is located on topo map 353

feet west of Longitude: 80° 50' 00"

REFERENCE DETAIL



SURFACE HOLE LOCATION (SH1)

UTM 17 - NAD83
 N: 4362836.658
 E: 514239.677
 NAD27, WV NORTH
 N: 336008.760
 E: 1622901.774
 LAT/LON DATUM-NAD83
 LAT: 39.414931
 LON: -80.834586

APPROX. LANDING POINT

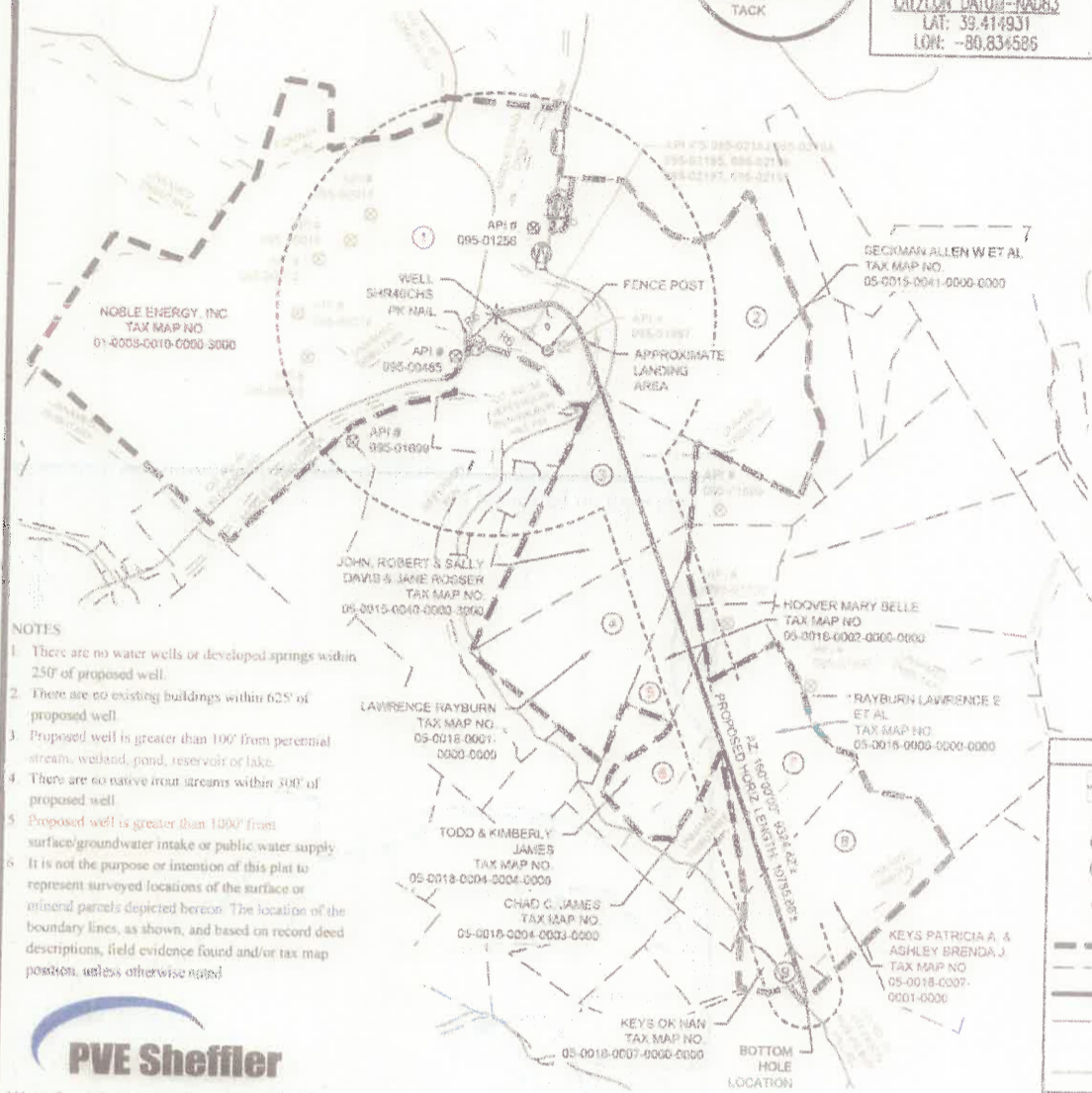
UTM 17 - NAD83
 N: 4362741.365
 E: 514608.542
 NAD27, WV NORTH
 N: 335675.810
 E: 1624107.650
 LAT/LON DATUM-NAD83
 LAT: 39.414067
 LON: -80.830301

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4360088.186
 E: 515624.675
 NAD27, WV NORTH
 N: 326913.660
 E: 1622296.810
 LAT/LON DATUM-NAD83
 LAT: 39.390142
 LON: -80.818559

LINE TABLE

LINE	BEARING	DISTANCE
R2	S31°29'14"E	260.63'
R3	S81°17'42"E	205.13'
R4	N22°17'22"E	284.80'
R5	N44°22'46"E	514.34'
R6	N55°47'45"W	859.36'



- 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 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 Georgetowne Drive
 Sewickley, PA 15143-8992
 Phone: 724-444-1100

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WMA#
- 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

FILE #: SHR 40 CHS

DRAWING #: SHR 40 CHS

SCALE: 1"=2500'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE OF ELEVATION: USGS MONUMENT A 142, 724.81'

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

Watershed: MIDDLE ISLAND CREEK

County/District: CENTERVILLE / TYLER

Surface Owner: NOBLE ENERGY, INC.

Oil & Gas Royalty Owner: DAVID L. MAPLE, ET AL.

Target Formation: BURKETT

Well Operator: NOBLE ENERGY, INC.

Address: 333 TECHNOLOGY DRIVE, SUITE 116

City: CANONSBURG State: PA Zip Code: 15317



DATE: SEPTEMBER 4, 2014

OPERATOR'S WELL #: SHR 40 CHS

API WELL # 47 095 02205

STATE: _____ COUNTY: _____ PERMIT: _____

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

ELEVATION: 771'

QUADRANGLE: SHIRLEY, W. VA

ACREAGE: 572.64

ACREAGE: 357.43

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE

PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON

CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) _____

ESTIMATED DEPTH: TVD: 6,285' ± TMD: 16,287' ±

DESIGNATED AGENT: STEVEN M. GREEN

Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590

City: CHARLESTON State: WV Zip Code: 25301