

MINERAL OWNERSHIP

UNIT 1 MARY MAXINE WELCH 2-17-42 69.5 AC
UNIT 2 ALLEN SMITH ET. AL. TM 2-17-14, 3, 14, 4, 14, 9, 15, P/D 2-12-26, 71.75 AC
UNIT 3 JON AND MARY HIGDON ET AL. TM 2-17-40, P/D 2-17-19, 147 AC
UNIT 4 DXY USA, INC. ET AL. TM 2-17-12, 14, 14, 1, 14, 2, 14, 5, 14, 6, 14, 7, 14, 8, 14, 10, P/D 2-17-19, 93.5 AC
UNIT 5 SHIBEN ESTATES, INC. TM 2-12-27, 28, 29 & 2-17-18 1, 69.5 AC
UNIT 6 FLOYD E. LEWIS/LIFE ET AL. TM P/D 2-17-18, 60 AC
UNIT 7 S. A. SMITH & C. BURK MARRIS TRUST ET AL. TM 2-17-41, 40.5 AC
UNIT 8 JOSEPHINE CERRELL ET AL. TM 2-18-11, 33.25 AC
UNIT 9 DXY USA, INC. ET AL. TM 2-17-17, 30.21 AC
UNIT 10 CECIL AND MARGARET LANCASTER TM 2-12-25, 78.17 AC

LEGEND

- ⊕ TOPD MAP POINT
- ⊗ EXISTING WELLS
- ⊙ PRE-29 WELLS
- PLUGGED WELL
- MINERAL TRACT
- PARCEL LINES
- PROPOSED WELL
- ROAD
- STREAM

SURFACE LDC.

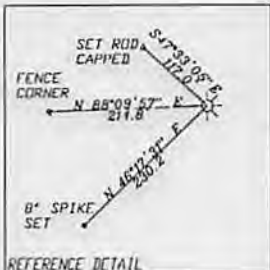
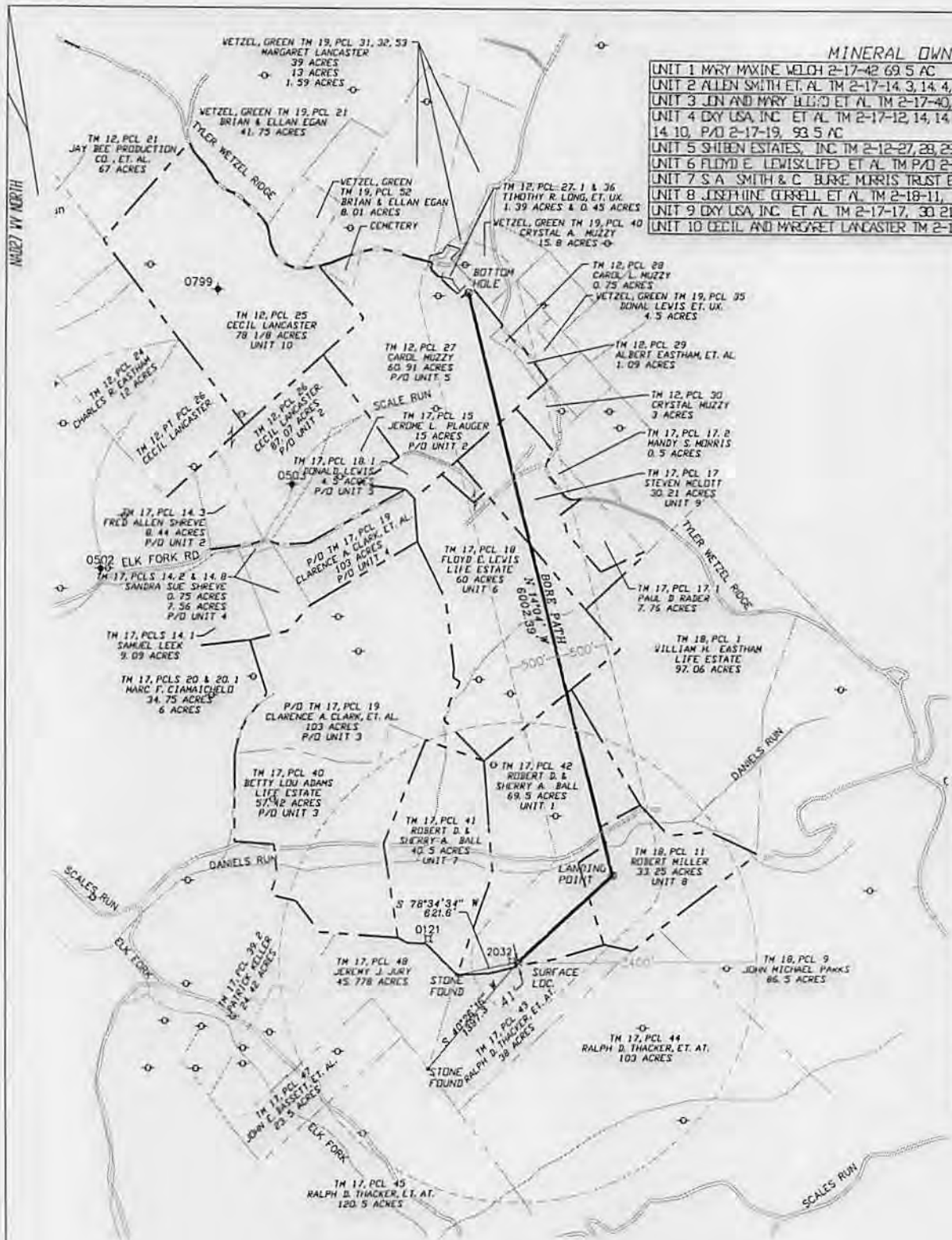
UTM 17-NAD 83 METERS  
 N: 4372960.25  
 E: 520978.72  
 NAD 83  
 LAT: 39.506013  
 LON: -80.755981

LANDING POINT LDC.

UTM 17-NAD 83 METERS  
 N: 4373227.93  
 E: 521264.33  
 NAD 83  
 LAT: 39.508418  
 LON: -80.752650

BOTTOM HOLE LDC.

UTM 17-NAD 83 METERS  
 N: 4374994.38  
 E: 520790.39  
 NAD 83  
 LAT: 39.524346  
 LON: -80.758108



- 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 TRUIT 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 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.

**PICKERING ASSOCIATES**  
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FILE#:	2146001
DRAWING#	2146001-STA-BALL. DWG
SCALE:	1"=1500'
ACCURACY:	1/2500
ELEVATION:	OPUS SOL. NAVD 88
DATE:	2/17/14

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: *[Signature]* PS# 2141



WELL TYPE:  OIL  WASTE DISPOSAL  PRODUCTION  DEEP OPERATOR'S WELL# : BALL 2H  
 GAS  LIQUID INJECTION  STORAGE  SHALLOW API WELL#: 47 095 02176H6A  
 STATE COUNTY PERMIT  
 WATERSHED: ELK FURK COUNTY/DISTRICT: TYLER/ELLSWORTH QUADRANGLE: PORTERS FALLS  
 SURFACE OWNER: ROBERT D. BALL & SHERRY A. BALL ET. AL. ACREAGE: 69.5±  
 OIL & GAS ROYALTY OWNER: MARY MAXINE WELCH ACREAGE: 693.4±  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 PAD ELEVATION: 1169' CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY):  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD. 6930' MD. 13,800'  
 WELL OPERATOR STATOIL USA ONSHORE PROPERTIES INC. DESIGNATED AGENT RICHARD PYLES  
 ADDRESS 2103 CITYWEST BLVD. STE. 800 ADDRESS 803 NASH ROAD  
 CITY HOUSTON STATE TX ZIP CODE 77042 CITY MIDDLEBOURNE STATE WV ZIP CODE 26149

07/18/2014

4709502176



**ROAD CLASSIFICATION**

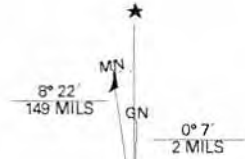
- Interstate Route
- US Route
- Ramp
- State Route
- Local Road
- 4WD



QUADRANGLE LOCATION

Round Bottom	New Martinsville	Wileyville
Pندن City	Porters Falls	Pine Grove
Middlebourne	Shirley	Center Point

ADJOINING 7.5' QUADRANGLES



UTM GRID AND 2011 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
ND
Grid Zone Designation
17S

Produced by the United States Geological Survey  
 North American Datum of 1983 (NAD83)  
 World Geodetic System of 1984 (WGS84). Projection and  
 1 000-meter grid: Universal Transverse Mercator, Zone 17S  
 10 000-foot ticks: West Virginia Coordinate System of 1983  
 (north zone)

Imagery.....NAIP, September 2009  
 Roads.....©2006-2010 Tele Atlas  
 Names.....GNIS, 2009  
 Hydrography.....National Hydrography Dataset, 2009  
 Contours.....National Elevation Dataset, 2006

Received

APR 23 2014

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Rev.	Description	By	Date

**Drawing Description**  
 BALL PAD LOCATION  
 STATOIL USA ONSHORE PROPERTIES, INC.  
 TYLER COUNTY, WEST VIRGINIA  
 LOCATION MAP

Project: 2146001	Plot Date: 01/30/14
Designed By: AMZ	Revision: 0
Drawn By: AMZ	Drawing Number:
Checked By: MAW	<b>FIG 1</b>
Scale: AS NOTED	