

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/O 2-12-26,	71.75 AC
UNIT 3	JIN AND MARY FLOYD ET AL.	TM 2-17-40, P/O 2-17-19,	147 AC
UNIT 4	DY USA, INC. ET AL.	TM 2-17-12, 14, 14, 1, 14, 2, 14, 5, 14, 6, 14, 7, 14, 8, 14, 10, P/O 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/O 2-17-18,	60 AC
UNIT 7	S.A. SMITH & C. BURKE MORRIS TRUST ET AL.	TM 2-17-41,	43.5 AC
UNIT 8	JOSEPHINE CORRELL ET AL.	TM 2-18-11,	33.25 AC
UNIT 9	DY 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 LOC.

UTM 17-NAD 83 METERS

N: 4372954.15
E: 520978.82

NAD 83

LAT: 39.505958
LON: -80.755981

LANDING POINT LOC.

UTM 17-NAD 83 METERS

N: 4373171.28
E: 520512.42

NAD 83

LAT: 39.507926
LON: -80.761398

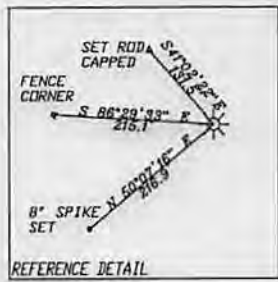
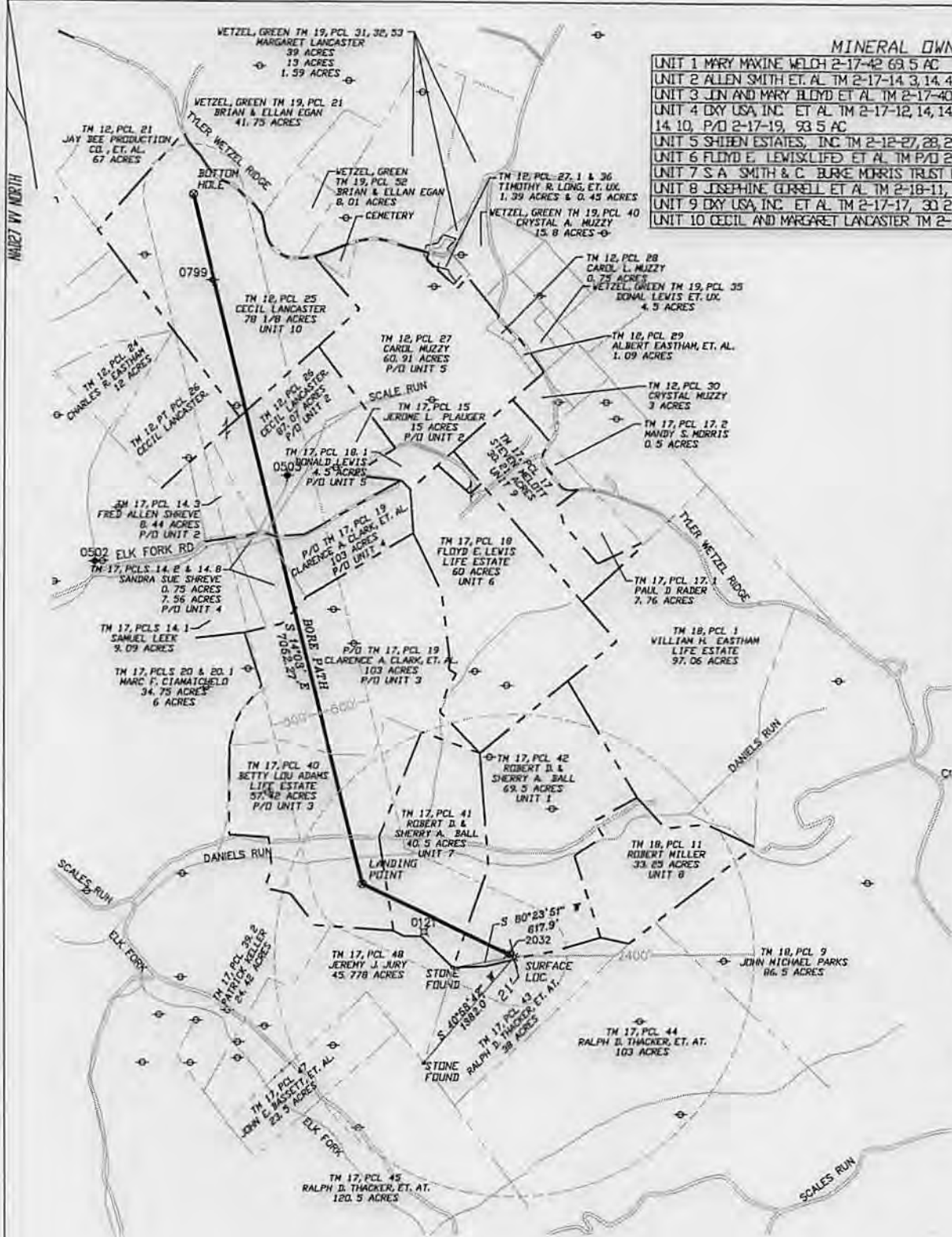
BOTTOM HOLE LOC.

UTM 17-NAD 83 METERS

N: 4375246.89
E: 519956.28

NAD 83

LAT: 39.526641
LON: -80.767805



- 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 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
the art of engineering

11283 Emerson Avenue Phone: (304) 464-5305
Parkersburg, West Virginia 26104 Fax: (304) 464-4428

FILE#: 2146001
DRAWING#: 2146001-STA-BALL.DWG
SCALE: 1"=1500'
ACCURACY: 1/2500
ELEVATION: DPUS 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

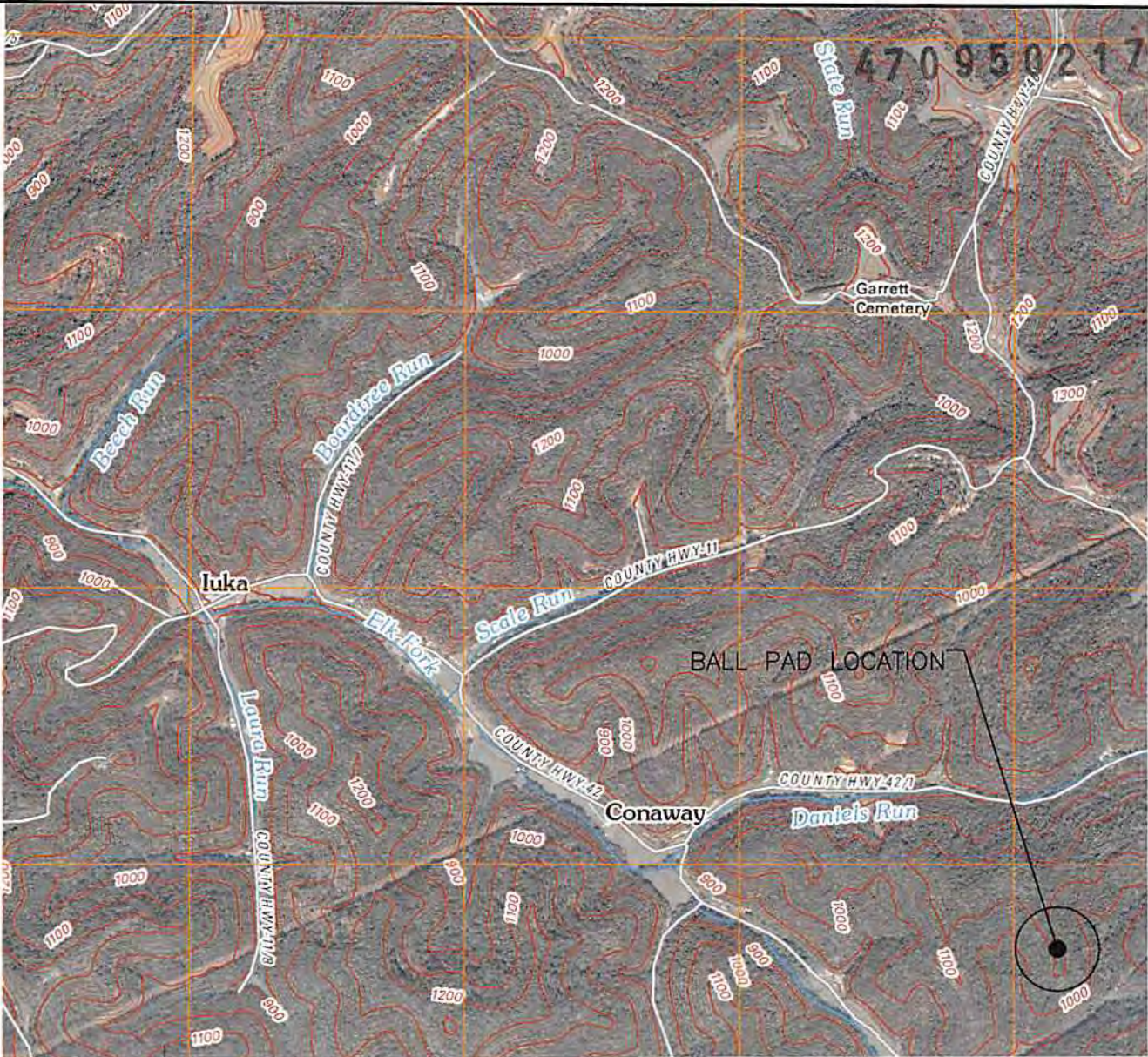


WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP OPERATOR'S WELL #: **BALL 9H**
 GAS LIQUID INJECTION STORAGE SHALLOW API WELL#: 47 095 02177 H64
STATE COUNTY PERMIT

WATERSHED: ELK FORK 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. 6942' ± MD. 13,500'
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 DATE 07/18/2014 2:149





ROAD CLASSIFICATION

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



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)

Received

APR 23 2014
 Imagery.....NAIP, September 2009
 Roads.....©2006-2010 Tele Atlas
 Names.....GNIS, 2009
 Hydrography.....National Hydrography Dataset, 2009
 Contours.....National Elevation Dataset, 2006

QUADRANGLE LOCATION

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

ADJOINING 7.5' QUADRANGLES

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Rev.	Description	By	Date

Office of Oil and Gas
 WV Dept. of Environmental Protection
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	FIG 1
Scale: AS NOTED	