

8,865' TO TOP HOLE ← LATITUDE 39°22'30"

7,948' TO BOTTOM HOLE

(\*) DENOTES LOCATION OF WELL ON U. S. TOPOGRAPHIC MAPS

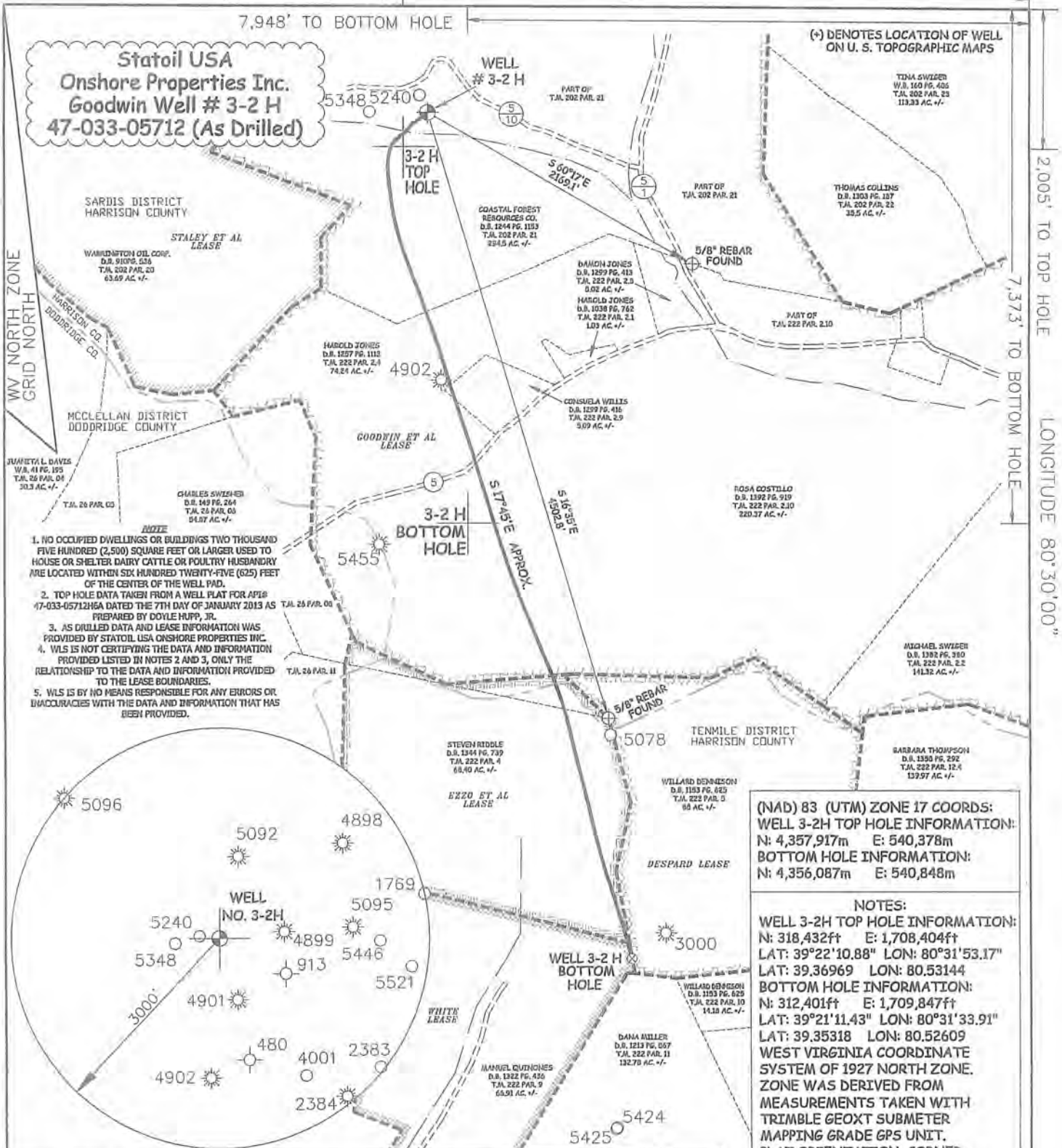
**Statoil USA  
Onshore Properties Inc.  
Goodwin Well # 3-2 H  
47-033-05712 (As Drilled)**

WV NORTH ZONE  
GRID NORTH

2,005' TO TOP HOLE

LONGITUDE 80°30'00"

7,373' TO BOTTOM HOLE



- NOTE**
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
  2. TOP HOLE DATA TAKEN FROM A WELL PLAT FOR API# 47-033-05712HSA DATED THE 7TH DAY OF JANUARY 2013 AS PREPARED BY DOYLE HUPP, JR.
  3. AS DRILLED DATA AND LEASE INFORMATION WAS PROVIDED BY STATOIL USA ONSHORE PROPERTIES INC.
  4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
  5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

(NAD) 83 (UTM) ZONE 17 COORDS:  
**WELL 3-2H TOP HOLE INFORMATION:**  
 N: 4,357,917m E: 540,378m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,356,087m E: 540,848m

**NOTES:**  
**WELL 3-2H TOP HOLE INFORMATION:**  
 N: 318,432ft E: 1,708,404ft  
 LAT: 39°22'10.88" LON: 80°31'53.17"  
**BOTTOM HOLE INFORMATION:**  
 N: 312,401ft E: 1,709,847ft  
 LAT: 39°21'11.43" LON: 80°31'33.91"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

JOB # 11-039  
 DRAWING # GOODWIN3-2HASDRILLED  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 P.O. BOX 17  
 PENNSBORO, WV 26415

**LEGEND**  
 - - - - - Surface Owner Boundary Lines +/-  
 - - - - - Interior Surface Tracts +/-  
 ⊕ Found monument, as noted  
 DATE 03/17/14

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS  
 WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1096' WATERSHED LOST RUN OF ROCKCAMP RUN  
 DISTRICT SARDIS COUNTY HARRISON  
 QUADRANGLE SALEM  
 SURFACE OWNER COASTAL FOREST RESOURCES COMPANY ACREAGE 294.5 ACRES +/-  
 OIL & GAS ROYALTY OWNER WILMA R. GOODWIN ET AL, LEASE ACREAGE 1280 AC±  
 MARY E. EZZO ET AL, MURMA JEAN WHITE, & CHARLES S. DESPARD, JR. 69.95 AC±, 66.91 AC±, & 89 AC±  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
 STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_  
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_ ACTUAL DEPTH 7,377' TVD 13,171' MD  
 TARGET FORMATION MARCELLUS  
 WELL OPERATOR STATOIL USA ONSHORE PROPERTIES INC. DESIGNATED AGENT WILLIAM T. FAHEY  
 ADDRESS 2103 CITYWEST BLVD. SUITE 800 ADDRESS 2116 PENNSYLVANIA AVE.  
 HOUSTON, TX 77042 WEIRTON, WV 26062

06/27/2017