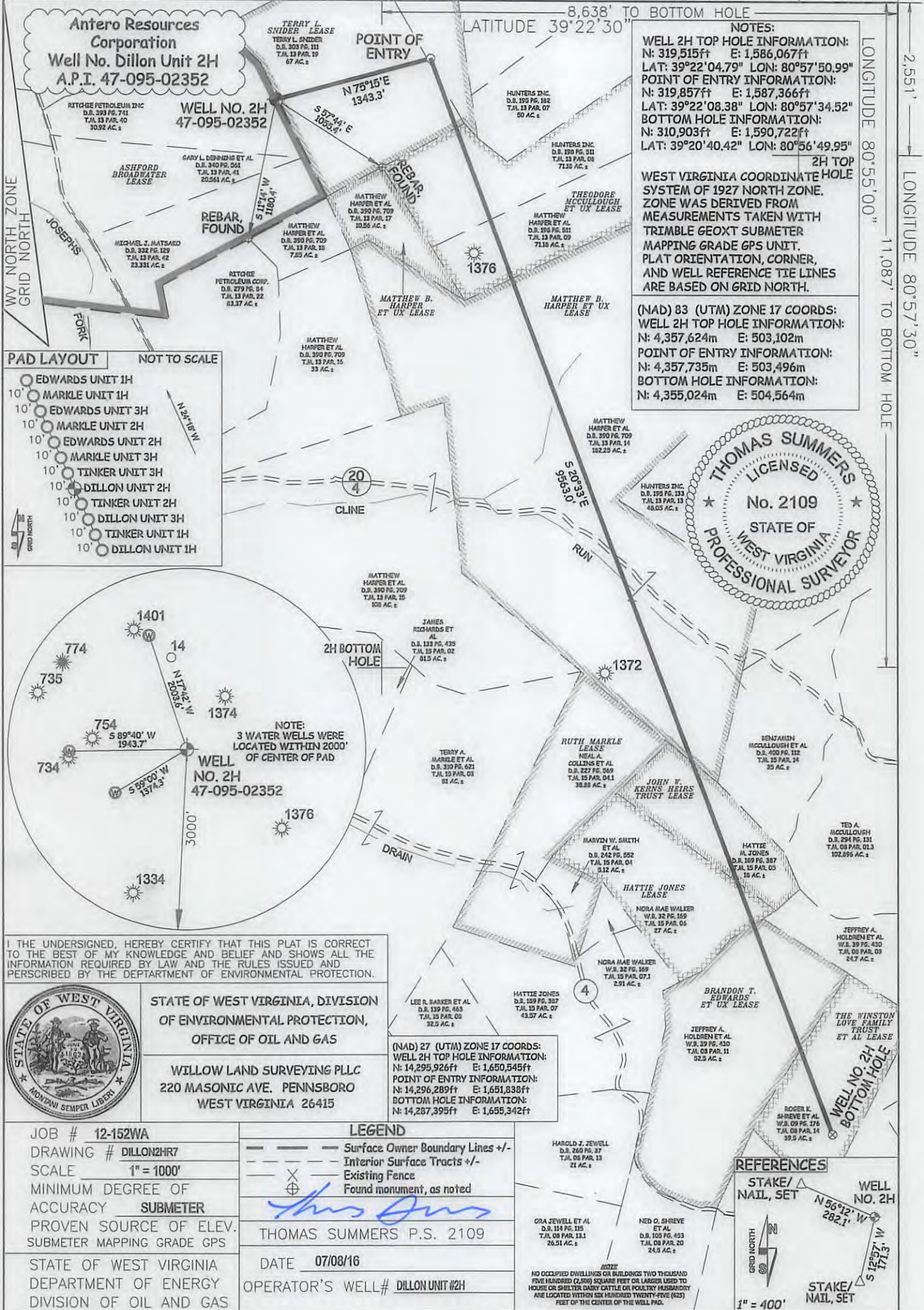


LATITUDE 39°22'30" 1,648'

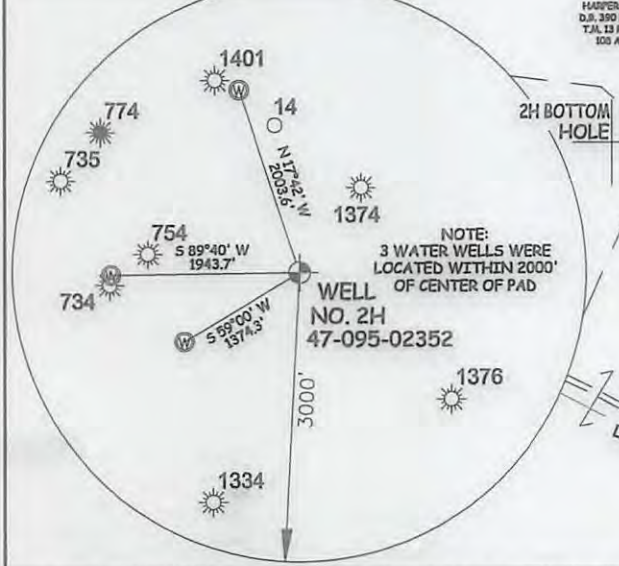
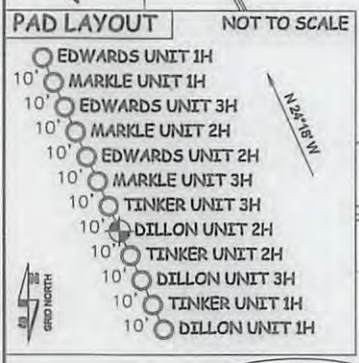
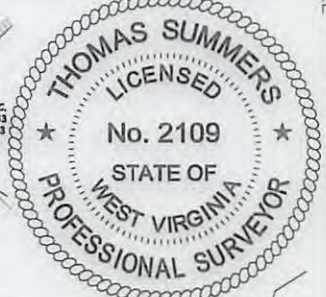
LONGITUDE 80°55'00" 2,551'

LONGITUDE 80°57'30" 1,087' TO BOTTOM HOLE



NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 319,515ft E: 1,586,067ft
 LAT: 39°22'04.79" LON: 80°57'50.99"
POINT OF ENTRY INFORMATION:
 N: 319,857ft E: 1,587,366ft
 LAT: 39°22'08.38" LON: 80°57'34.52"
BOTTOM HOLE INFORMATION:
 N: 310,903ft E: 1,590,722ft
 LAT: 39°20'40.42" LON: 80°56'49.95"
2H TOP WEST VIRGINIA COORDINATE HOLE 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.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
 N: 4,357,624m E: 503,102m
POINT OF ENTRY INFORMATION:
 N: 4,357,735m E: 503,496m
BOTTOM HOLE INFORMATION:
 N: 4,355,024m E: 504,564m



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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
 N: 14,295,926ft E: 1,650,545ft
POINT OF ENTRY INFORMATION:
 N: 14,296,289ft E: 1,651,838ft
BOTTOM HOLE INFORMATION:
 N: 14,287,395ft E: 1,655,342ft

JOB # 12-152WA
 DRAWING # DILLON2HR7
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109
 DATE 07/08/16
 OPERATOR'S WELL# DILLON UNIT #2H

REFERENCES
 STAKE/ NAIL, SET
 WELL NO. 2H
 STAKE/ NAIL, SET

1" = 400'

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02352
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,171' ORIGINAL - 1,147' AS-BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE PENNSBORO 7.5' DISTRICT MEADE COUNTY TYLER
 SURFACE OWNER RITCHIE PETROLEUM INC. ACREAGE 30.92 ACRES +/-
 OIL & GAS ROYALTY OWNER ASHFORD BROADWATER; TERRY L. SNIDER; THEODORE MCCULLOUGH ET UX; LEASE ACREAGE 583.712 ACRES +/-; 67 ACRES +/-; 180.72 ACRES +/-
 MATTHEW B. HARPER ET UX; JOHN W. KERNS TRUST; HATTIE JONES; BRANDON T. EDWARDS ET UX; THE WINSTON LOVE FAMILY TRUST ET AL 182.25 ACRES +/-; 18 ACRES +/-; 27 ACRES +/-; 52.5 ACRES +/-; 39.5 ACRES +/-
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD BHL PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 17,600' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

10/21/2016

DILLON UNIT 2H & 3H (TERRY SNIDER PAD) - DATA COLLECTED ON OFFSET WELLS



Received
Office of Oil & Gas

AUG 01 2016

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10/21/2016