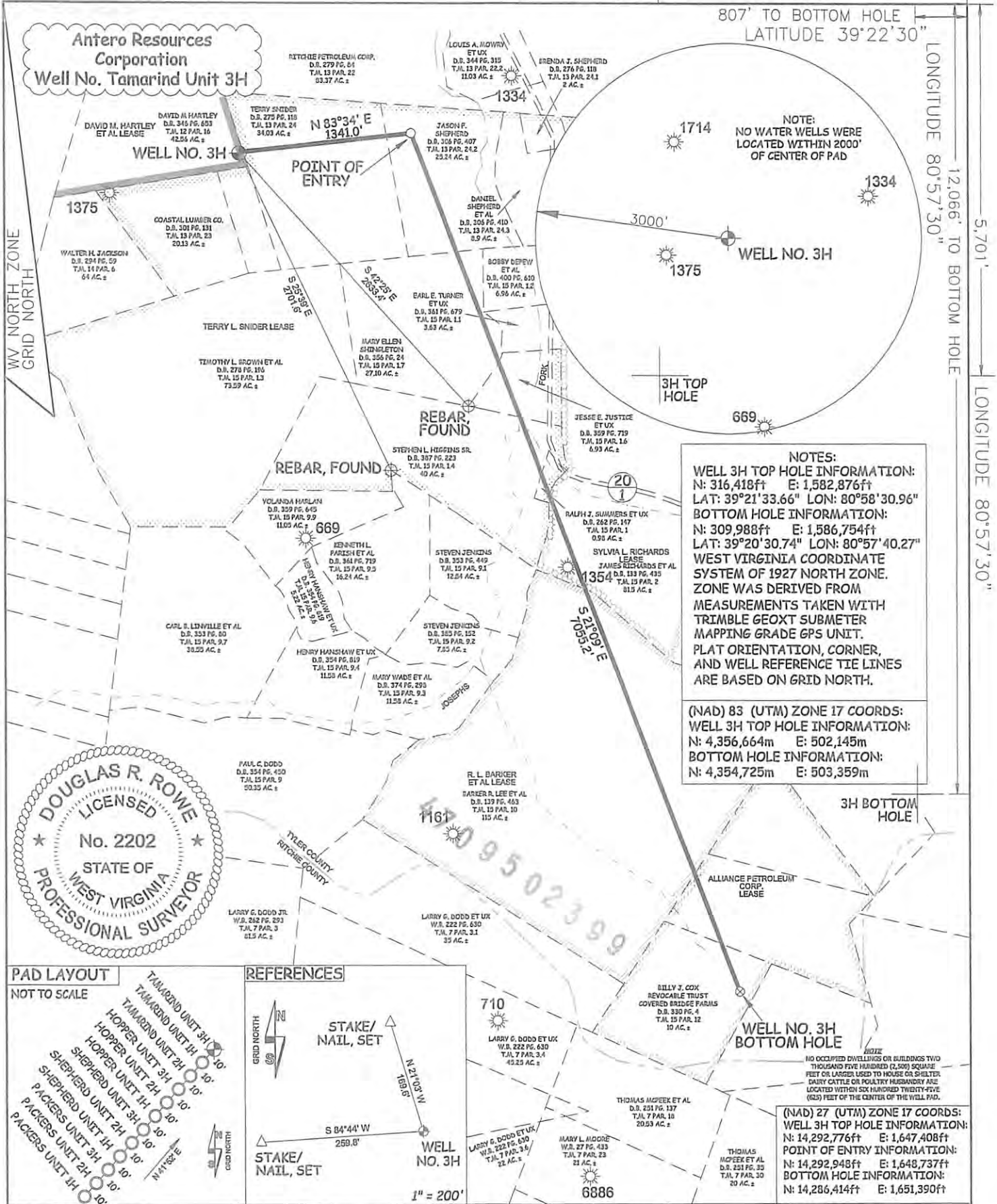


LATITUDE 39°22'30"

4,788'

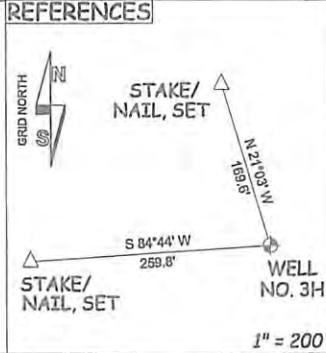
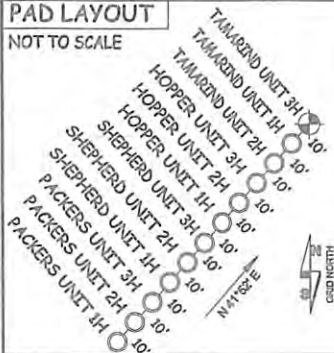
807' TO BOTTOM HOLE
LATITUDE 39°22'30"

LONGITUDE 80°57'30"
12,066' TO BOTTOM HOLE
5,701' TO BOTTOM HOLE
LONGITUDE 80°57'30"



NOTES:
WELL 3H TOP HOLE INFORMATION:
 N: 316,418ft E: 1,582,876ft
 LAT: 39°21'33.66" LON: 80°58'30.96"
BOTTOM HOLE INFORMATION:
 N: 309,988ft E: 1,586,754ft
 LAT: 39°20'30.74" LON: 80°57'40.27"
 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.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
 N: 4,356,664m E: 502,145m
BOTTOM HOLE INFORMATION:
 N: 4,354,725m E: 503,359m



JOB # 15-041WA
 DRAWING # TAMARIND3H
 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

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 AVENUE PENNSBORO WEST VIRGINIA 26415

LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Existing Fence
- Rebar, Found

DOUGLAS R. ROWE P.S. 2202

RECEIVED
 DATE 09/09/16
 Office of Oil and Gas
 OPERATOR'S WELL # TAMARIND 3H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,196 ORIGINAL - 1,178' PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE PENNSBORO 7.5' DISTRICT MEADE COUNTY TYLER
 SURFACE OWNER DAVID M. HARTLEY ACRES 42.56 ACRES +/-
 OIL & GAS ROYALTY OWNER DAVID M. HARTLEY ET AL; TERRY L. SNIDER; SLYVIA L. RICHARDS; R. L. BARKER ET AL; ALLIANCE PETROLEUM CORPORATION LEASE ACRES 42.56 AC±; 221.24 AC±; 81.5 AC±; 115 AC±; 50.5 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
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 14,300' MD

WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

API NO. 14 2016
 47 - 095 - 02399
 STATE COUNTY PERMIT
 WV Department of Environmental Protection
 12/29/2016