

LATITUDE 39°22'30"

4,795'

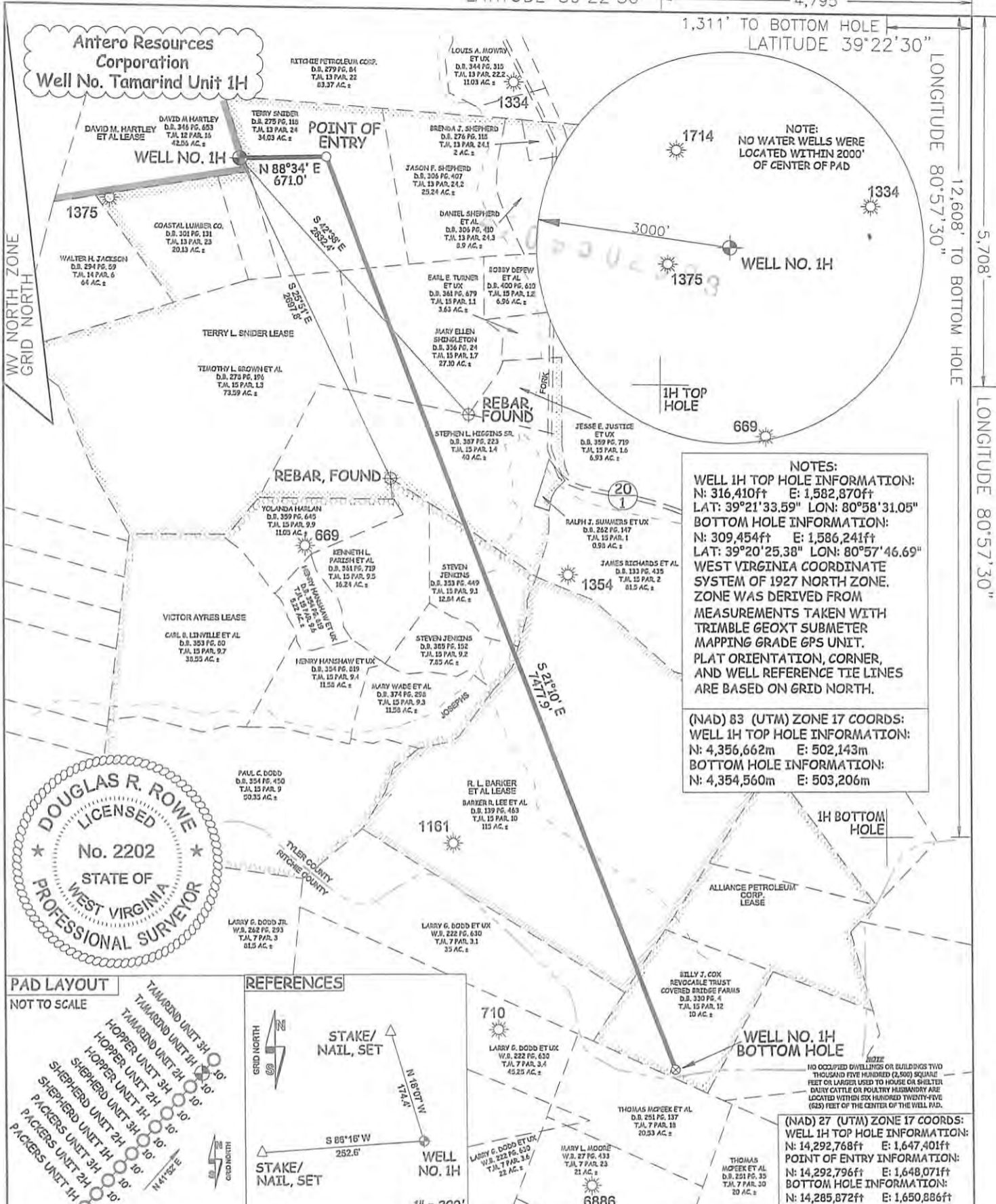
1,311' TO BOTTOM HOLE  
LATITUDE 39°22'30"

LONGITUDE 80°57'30"

12,608' TO BOTTOM HOLE

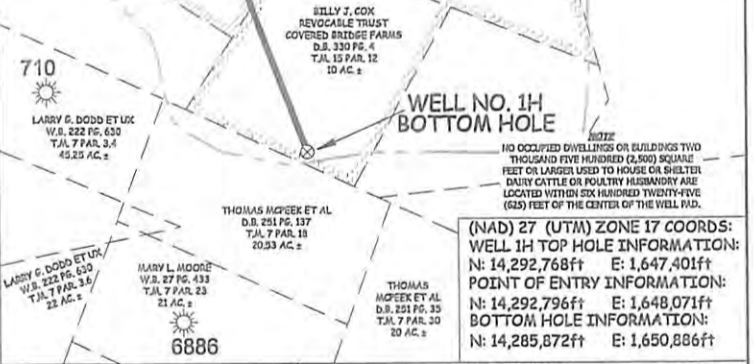
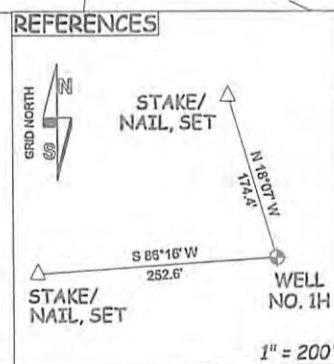
5,708'

LONGITUDE 80°57'30"



**NOTES:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 316,410ft E: 1,582,870ft  
 LAT: 39°21'33.59" LON: 80°58'31.05"  
**BOTTOM HOLE INFORMATION:**  
 N: 309,454ft E: 1,586,241ft  
 LAT: 39°20'25.38" LON: 80°57'46.69"  
**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 1H TOP HOLE INFORMATION:**  
 N: 4,356,662m E: 502,143m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,354,560m E: 503,206m



JOB # 15-041WA  
 DRAWING # TAMARIND1HR2  
 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

RECEIVED  
 DOUGLAS R. ROWE, P.S. 2202  
 Office of Oil and Gas

DATE 09/09/16  
 NOV 14 2016  
 OPERATORS WELL # TAMARIND 1H

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 STATE COUNTY  
 QUADRANGLE PENNSBORO 7.5' DISTRICT MEADE COUNTY TYLER

SURFACE OWNER DAVID M. HARTLEY ACREAGE 42.56 ACRES +/-  
 OIL & GAS ROYALTY OWNER DAVID M. HARTLEY ET AL; TERRY L. SNIDER; LEASE ACREAGE 42.56 AC±; 221.24 AC±;  
 VICTOR AYRES; R. L. BARKER ET AL; ALLIANCE PETROLEUM CORPORATION 167.5 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 15,000' 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

WV Department of Environmental Protection  
 47 095 02398  
 PERMIT  
 12/29/2016