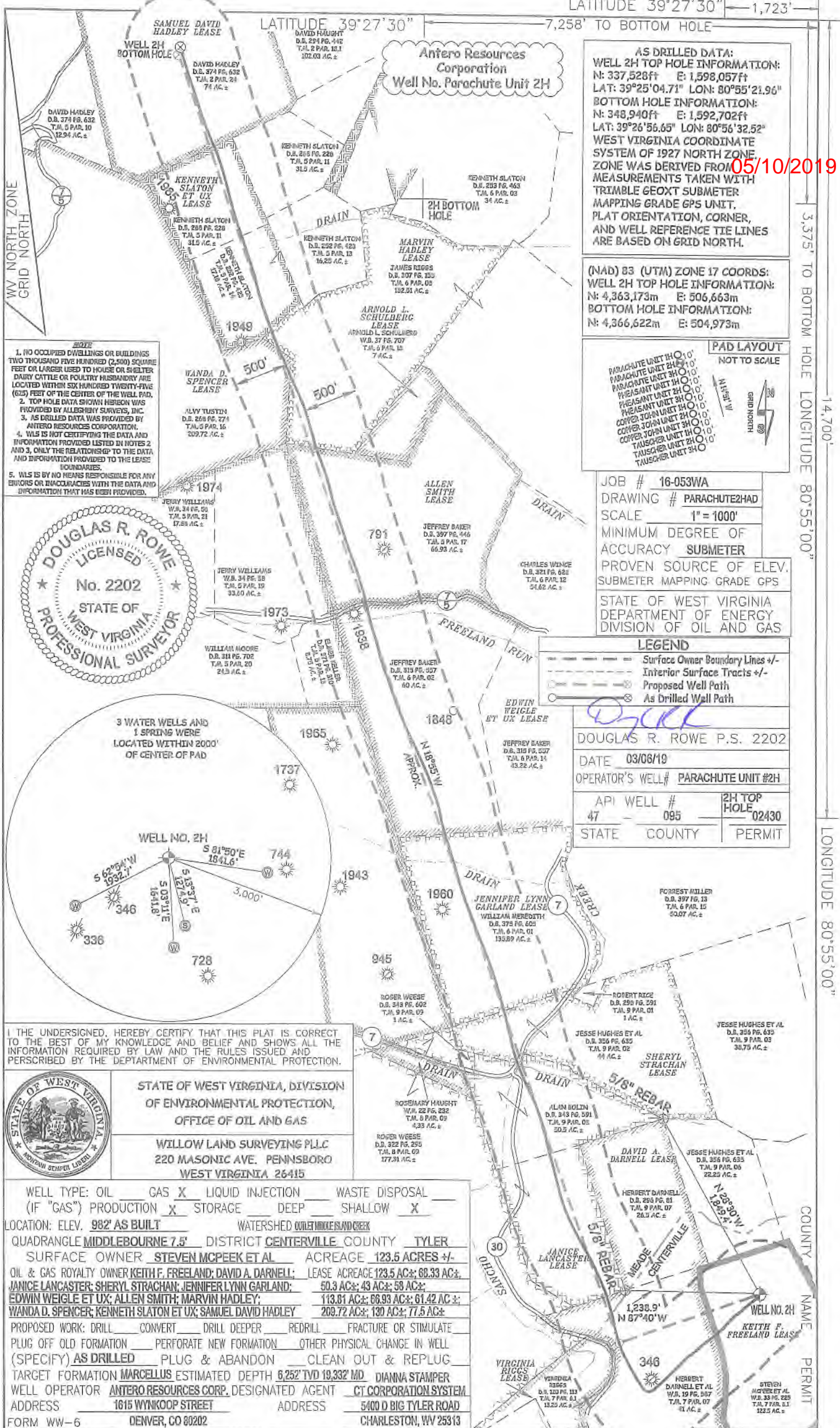


LATITUDE 39°27'30" 1,723'

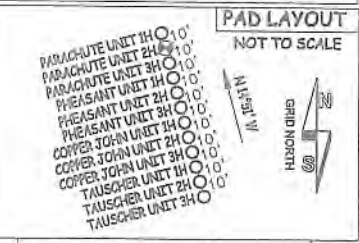
LATITUDE 39°27'30" 7,258' TO BOTTOM HOLE



**AS DRILLED DATA:**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 337,528ft E: 1,598,057ft  
 LAT: 39°25'04.71" LON: 80°55'21.96"  
**BOTTOM HOLE INFORMATION:**  
 N: 348,940ft E: 1,592,702ft  
 LAT: 39°26'56.65" LON: 80°56'32.52"  
 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.

05/10/2019

**(NAD) 83 (UTM) ZONE 17 COORDS:**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 4,363,173m E: 506,663m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,366,622m E: 504,973m

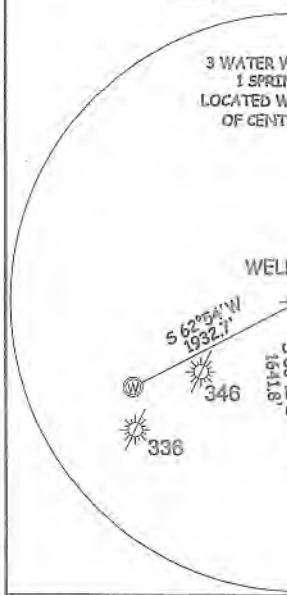
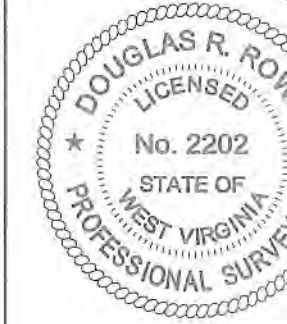


JOB # 16-053WA  
 DRAWING # PARACHUTE2HAD  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

**LEGEND**  
 - - - - - Surface Owner Boundary Lines +/-  
 - - - - - Interior Surface Tracts +/-  
 - - - - - Proposed Well Path  
 - - - - - As Drilled Well Path

DOUGLAS R. ROWE P.S. 2202  
 DATE 03/06/19  
 OPERATOR'S WELL# PARACHUTE UNIT #2H  
 API WELL # 47 - 095 2H TOP HOLE 02430  
 STATE COUNTY PERMIT

- 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 SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
  3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
  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.



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

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEV. 982' AS BUILT WATERSHED OULET/TIMBLE ISLAND CREEK  
 QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT CENTERTVILLE COUNTY TYLER  
 SURFACE OWNER STEVEN MCPEEK ET AL ACREAGE 123.5 ACRES +/-  
 OIL & GAS ROYALTY OWNER KEITH F. FREELAND; DAVID A. DARNELL; LEASE ACREAGE 123.5 AC.; 60.33 AC.;  
 JANICE LANCASTER; SHERYL STRACHAN; JENNIFER LYNN GARLAND; 50.3 AC.; 43 AC.; 58 AC.;  
 EDWIN WEIGLE ET UX; ALLEN SMITH; MARVIN HADLEY; 113.81 AC.; 66.93 AC.; 61.42 AC.;  
 WANDA D. SPENCER; KENNETH SLATON ET UX; SAMUEL DAVID HADLEY 209.72 AC.; 130 AC.; 71.5 AC.;

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL  
 (SPECIFY) AS DRILLED  PLUG & ABANDON  CLEAN OUT & REPLUG   
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,252' TVD 19,332' MD DIANNA STAMPER  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

3,375' TO BOTTOM HOLE LONGITUDE 80°55'00"

14,700'

LONGITUDE 80°55'00"

COUNTY NAME PERMIT