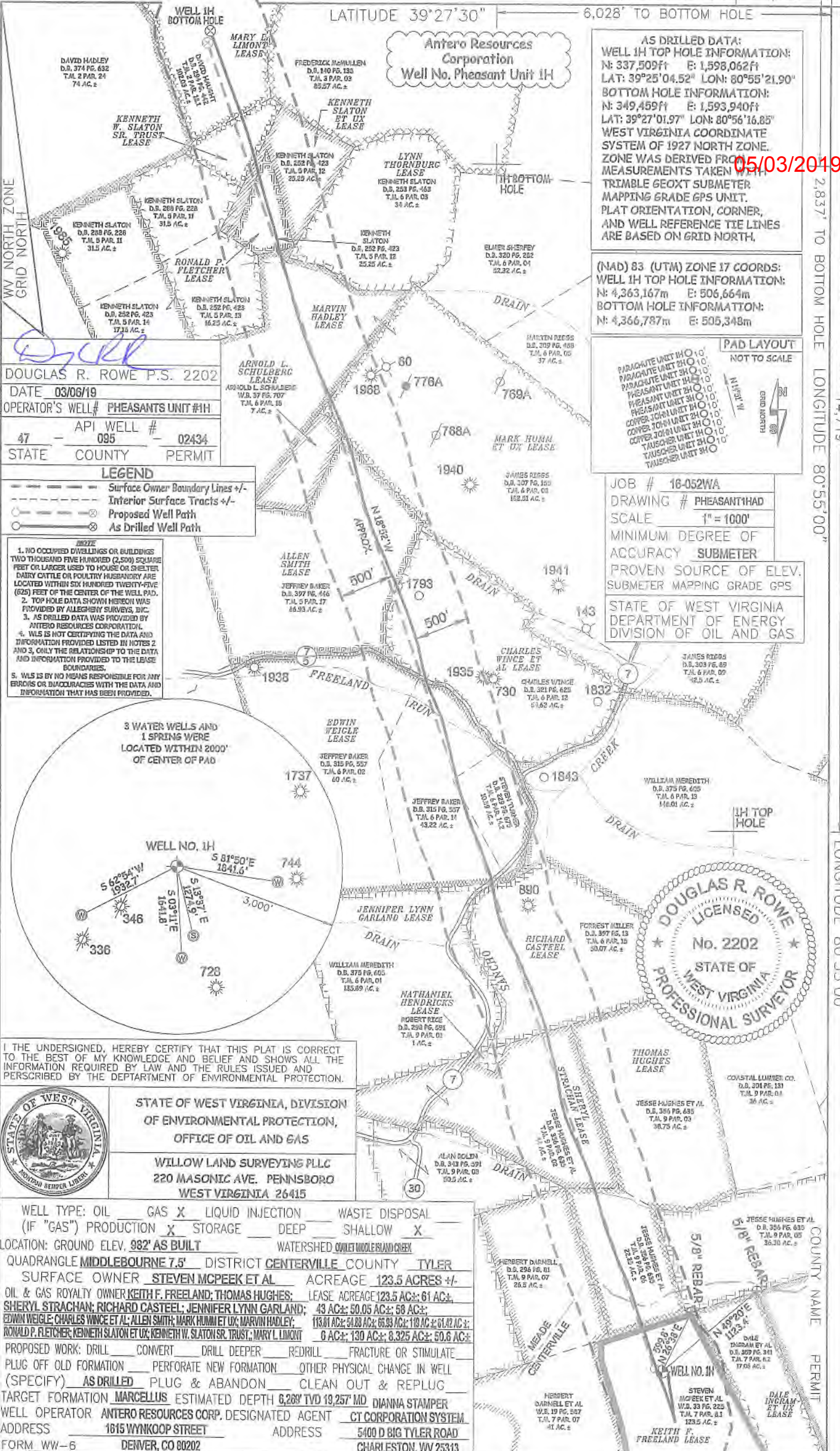


LATITUDE 39°27'30" 1,718'

LATITUDE 39°27'30"

6,028" TO BOTTOM HOLE



**AS DRILLED DATA:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 337,509ft E: 1,598,062ft  
 LAT: 39°25'04.52" LON: 80°55'21.90"  
**BOTTOM HOLE INFORMATION:**  
 N: 349,459ft E: 1,593,940ft  
 LAT: 39°27'01.97" LON: 80°56'16.85"  
**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: 4,363,167m E: 506,664m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,366,787m E: 505,348m

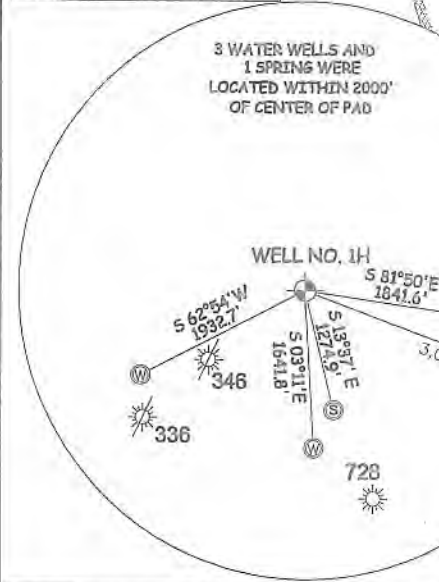


**JOB # 16-052WA**  
**DRAWING # PHEASANT1HAD**  
**SCALE 1" = 1000'**  
**MINIMUM DEGREE OF ACCURACY SUBMETER**  
**PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS**  
**STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS**

**DOUGLAS R. ROWE P.S. 2202**  
**DATE 03/06/19**  
**OPERATOR'S WELL# PHEASANTS UNIT #1H**  
**47 - API WELL # 095 - 02434**  
**STATE COUNTY PERMIT**

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

- 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 ALLEGHEY 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: GROUND ELEV. 982' AS BUILT WATERSHED COVER MIDDLE ISLAND CREEK  
 QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT CENTERVILLE COUNTY TYLER  
 SURFACE OWNER STEVEN MCPEEK ET AL ACREAGE 123.5 ACRES +/-  
 OIL & GAS ROYALTY OWNER KEITH F. FREELAND; THOMAS HUGHES; LEASE ACREAGE 123.5 AC.; 61 AC.;  
SHERYL STRACHAN; RICHARD CASTEEL; JENNIFER LYNN GARLAND; 43 AC.; 50.05 AC.; 58 AC.;  
EDWIN WEIGLE; CHARLES WINCE ET AL; ALLEN SMITH; MARK HUMM ET UX; MARVIN HADLEY; 113.01 AC.; 54.83 AC.; 65.93 AC.; 118 AC.; 61.42 AC.;  
RONALD P. FLETCHER; KENNETH SLATON ET UX; KENNETH W. SLATON SR. TRUST; MARY L. LIMONT 6 AC.; 130 AC.; 8,325 AC.; 50.6 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 6,269' TVD 19,257' MD DIANNA STAMPER  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

2,837" TO BOTTOM HOLE

LONGITUDE 80°55'00"

COUNTY NAME PERMIT

05/03/2019