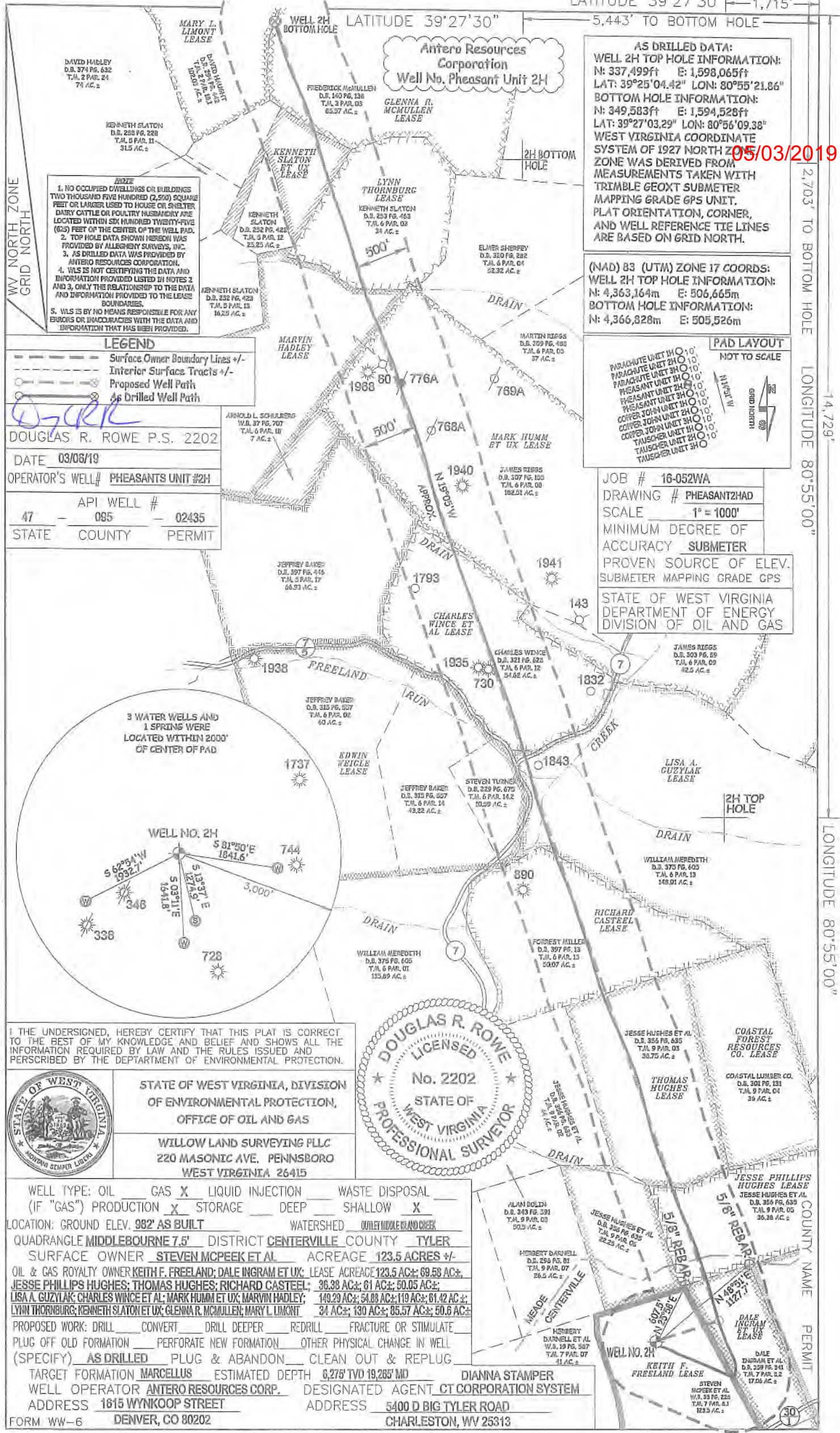


LATITUDE 39°27'30" 1,715'

LATITUDE 39°27'30"

5,443' TO BOTTOM HOLE



AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
 N: 337,499ft E: 1,598,065ft
 LAT: 39°25'04.42" LON: 80°55'21.86"
BOTTOM HOLE INFORMATION:
 N: 349,583ft E: 1,594,528ft
 LAT: 39°27'03.29" LON: 80°56'09.38"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH 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.

05/03/2019

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
 N: 4,363,164m E: 506,665m
BOTTOM HOLE INFORMATION:
 N: 4,366,828m E: 505,526m



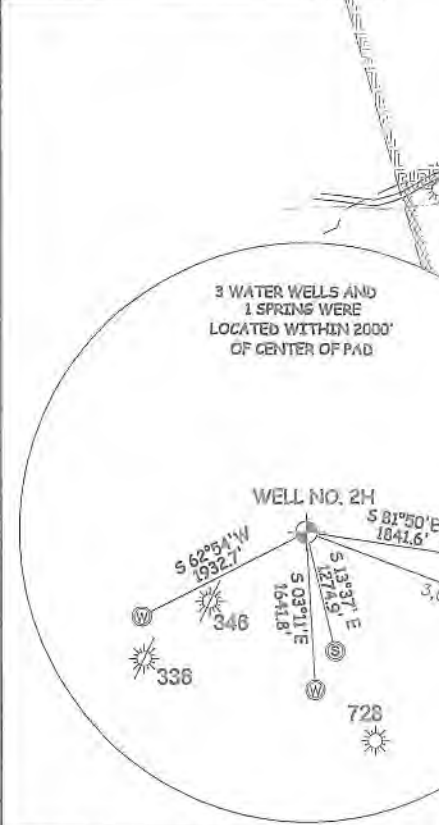
JOB # 16-052WA
DRAWING # PHEASANT2HAD
SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY **SUBMETER**
 PROVEN SOURCE OF ELEV. **SUBMETER**
 MAPPING GRADE GPS
 STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS

- NOTE**
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHEDDER 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.

LEGEND

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

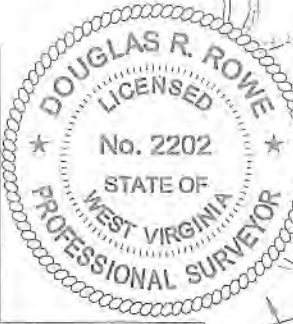
DOUGLAS R. ROWE P.S. 2202
 DATE 03/06/19
 OPERATOR'S WELL# PHEASANTS UNIT #2H
 API WELL # 47 - 095 - 02435
 STATE COUNTY PERMIT



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 PRESCRIBED 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 OUTLET 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; DALE INGRAM ET UX; LEASE ACREAGE 123.5 AC±; 69.58 AC±;
JESSE PHILLIPS HUGHES; THOMAS HUGHES; RICHARD CASTEEL; 36.38 AC±; 61 AC±; 50.05 AC±;
LISA A. GUZYLAK; CHARLES WINCE ET AL; MARK HUMM ET UX; MARVIN HADLEY; 149.29 AC±; 54.88 AC±; 119 AC±; 61.42 AC±;
LYNN THORNBURG; KENNETH SLATON ET UX; GLENN R. MCMULLEN; MARY L. LIMONT 34 AC±; 130 AC±; 85.57 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 6,275' TVD 19,285' 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

2,703' TO BOTTOM HOLE LONGITUDE 80°55'00" LONGITUDE 80°55'00"