

LATITUDE 39°15'00"

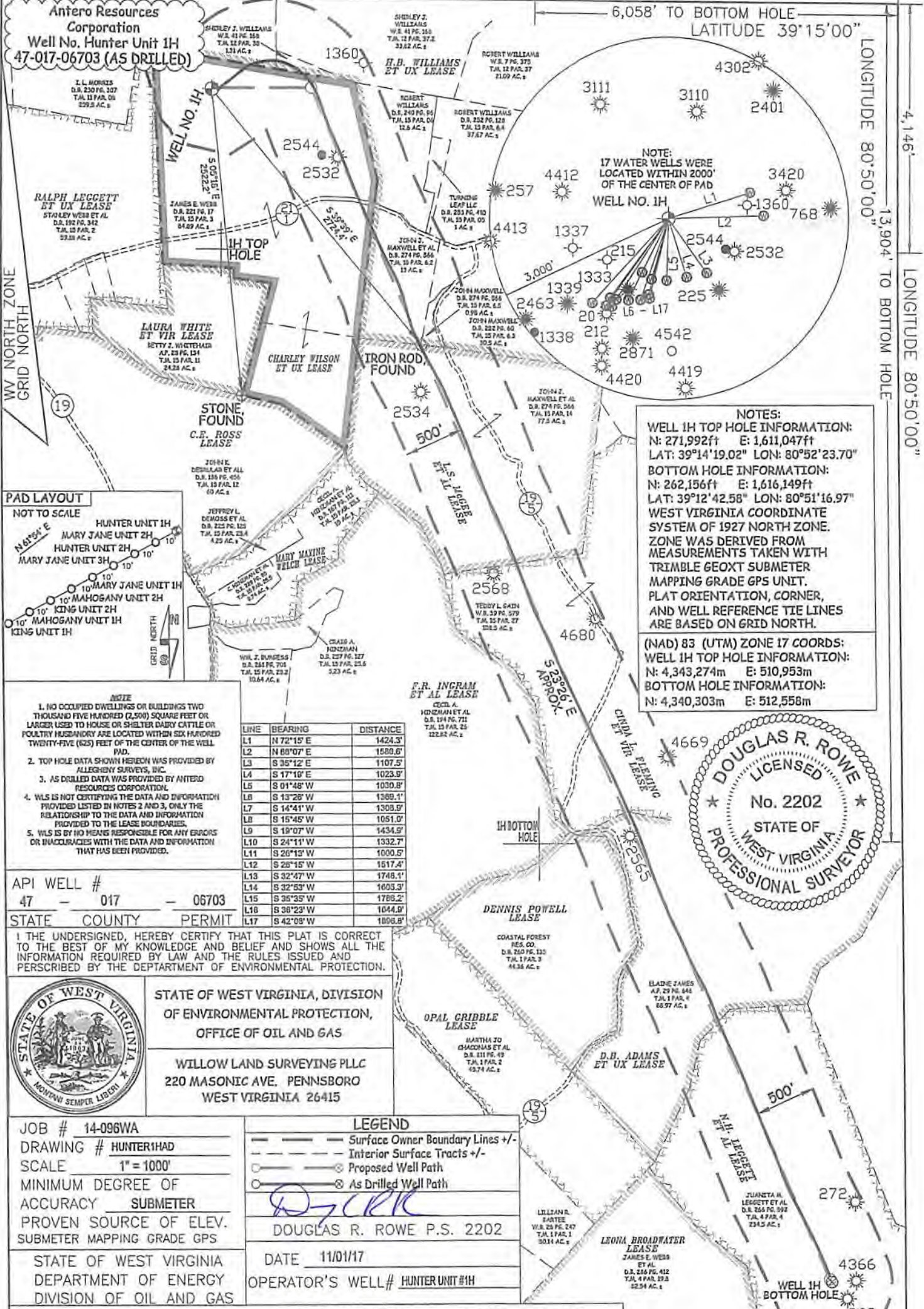
11,306'

6,058' TO BOTTOM HOLE

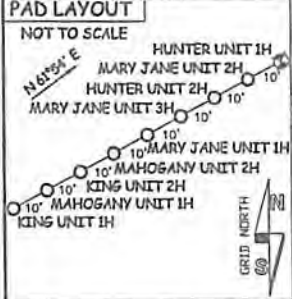
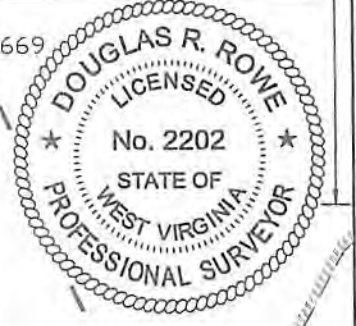
LATITUDE 39°15'00"

LONGITUDE 80°50'00"

4,146' LONGITUDE 80°50'00"



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 271,992ft E: 1,611,047ft
 LAT: 39°14'19.02" LON: 80°52'23.70"
 BOTTOM HOLE INFORMATION:
 N: 262,156ft E: 1,616,149ft
 LAT: 39°12'42.58" LON: 80°51'16.97"
 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: 4,343,274m E: 510,953m
 BOTTOM HOLE INFORMATION:
 N: 4,340,303m E: 512,558m



LINE	BEARING	DISTANCE
L1	N 72°15' E	1424.3'
L2	N 60°07' E	1589.6'
L3	S 35°12' E	1107.5'
L4	S 17°16' E	1023.9'
L5	S 01°48' W	1030.8'
L6	S 13°26' W	1389.1'
L7	S 14°41' W	1308.9'
L8	S 15°45' W	1051.0'
L9	S 19°07' W	1434.9'
L10	S 24°11' W	1332.7'
L11	S 26°15' W	1000.5'
L12	S 26°15' W	1517.4'
L13	S 32°47' W	1748.1'
L14	S 32°53' W	1603.3'
L15	S 35°35' W	1786.2'
L16	S 38°23' W	1044.9'
L17	S 42°09' W	1806.8'

- 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 IN ANY MANNER 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.

API WELL #
 47 - 017 - 06703
 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 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

JOB # 14-096WA
 DRAWING # HUNTER1HAD
 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 11/01/17
 OPERATOR'S WELL # HUNTER UNIT #1H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 991.4' - AS DRILLED WATERSHED CABIN RUN
 QUADRANGLE OXFORD 7.5' DISTRICT CENTRAL COUNTY DODD RIVER
 SURFACE OWNER JAMES E. WEBB ACREAGE 84.89 ACRES +/-
 OIL & GAS ROYALTY OWNER CHARLEY WILSON ET UX; H.B. WILLIAMS ET UX; L.S. MCGEE ET AL; LEASE ACREAGE 91 ACRES +/-; 307 ACRES +/-; 78 ACRES +/-
 CINDA L. FLEMING ET VIR; D.B. ADAMS ET UX; N.H. LEGGETT ET AL 123.86 ACRES +/-; 89 ACRES +/-; 140 ACRES +/-
 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 6,516' TVD 17,763' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

01/05/2018

COUNTY NAME PERMIT