

LATITUDE 39°30'00"

5,455'

LATITUDE 39°30'00"

LONGITUDE 80°50'00"

12,316'

LONGITUDE 80°50'00"

COUNTY NAME

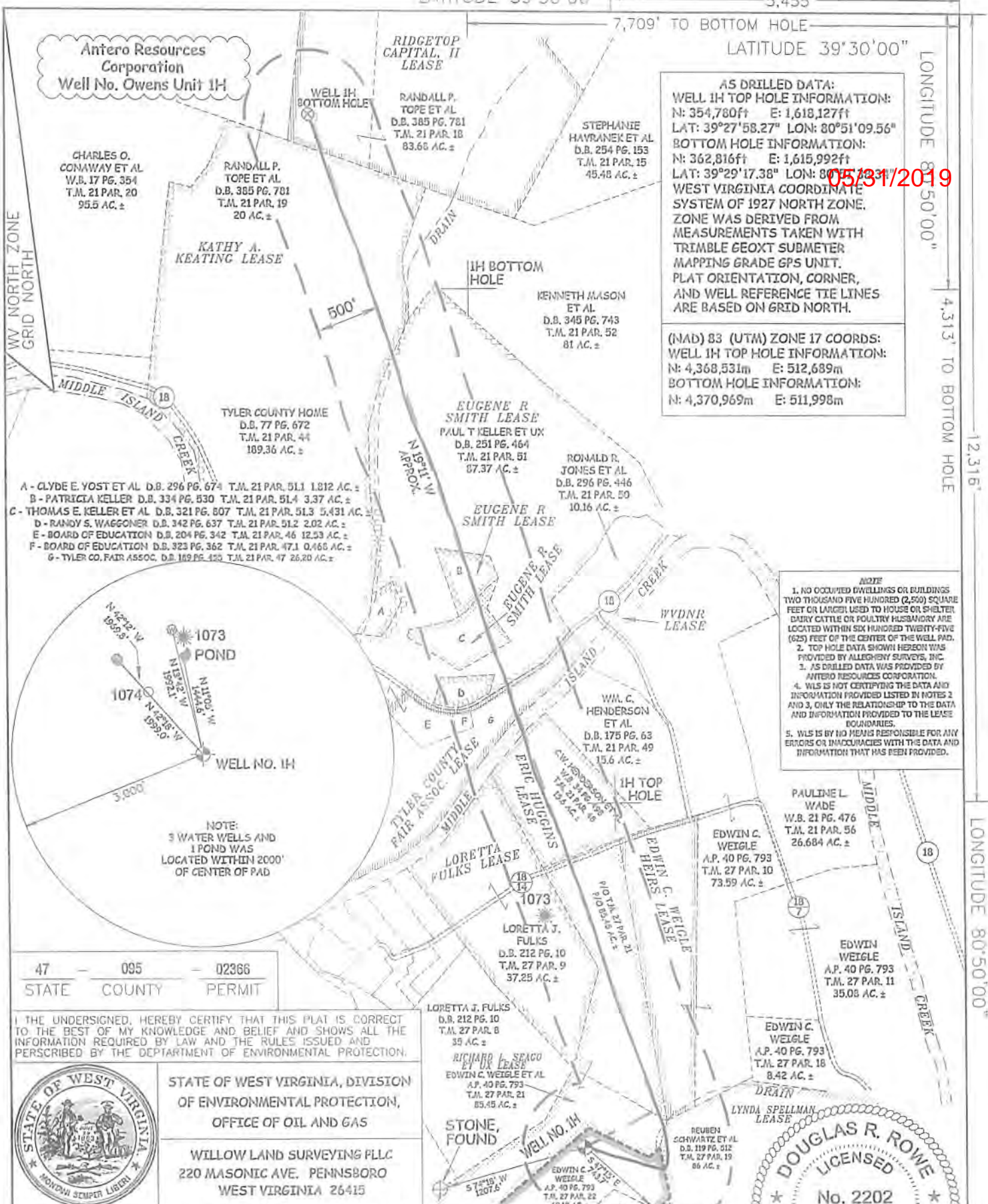
PERMIT

Antero Resources Corporation Well No. Owens Unit 1H

AS DRILLED DATA:
 WELL 1H TOP HOLE INFORMATION:
 N: 354,780ft E: 1,618,127ft
 LAT: 39°27'58.27" LON: 80°51'09.56"
 BOTTOM HOLE INFORMATION:
 N: 362,816ft E: 1,615,992ft
 LAT: 39°29'17.38" LON: 80°51'09.56"
 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: 4,368,531m E: 512,689m
 BOTTOM HOLE INFORMATION:
 N: 4,370,969m E: 511,998m

05/31/2019



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 ALLENSHAW 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.

NOTE:
 3 WATER WELLS AND 1 POND WAS LOCATED WITHIN 2000' OF CENTER OF PAD

47 - 095 - 02366
 STATE COUNTY PERMIT

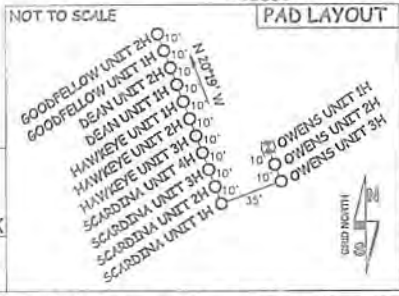
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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 # 15-052WA
 DRAWING # OWENS1HAD
 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 12/27/18
 OPERATOR'S WELL# OWENS UNIT 1H



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 812' AS-BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE SHIRLEY 7.5' DISTRICT ELLSWORTH COUNTY TYLER
 SURFACE OWNER EDWIN C. WEIGLE ACREAGE 60.19 ACRES +/-
 OIL & GAS ROYALTY OWNER KATHY ANN SEAGO; LYNDIA SPELLMAN; RICHARD L. SEAGO ET UX; ERIC HUGGINS; WVDNR; TYLER COUNTY FAIR ASSOC.; EUGENE R. SMITH; EUGENE R. SMITH; EUGENE R. SMITH; KATHY A. KEATING; RIDGETOP CAPITAL II LEASE ACREAGE 129.2 AC±; 88 AC±; 74.2 AC±; 17.2 AC±; 34 AC±; 26.665 AC±; 87.37 AC±; 5.431 AC±; 3.37 AC±; 190.07 AC±; 83.68 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 6,297' TVD 14,830' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYANKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313