

LATITUDE 39°15'00" 8,738' TO BOTTOM HOLE

LATITUDE 39°17'30" 14,370' TO BOTTOM HOLE

LONGITUDE 80°47'30"

6,182'

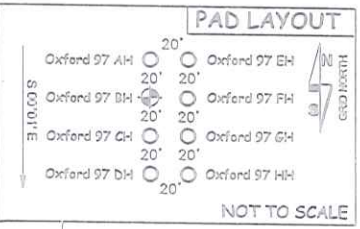
LONGITUDE 80°47'30"

LONGITUDE 80°47'30"

Antero Resources Corporation Well No. Oxford 97 AH

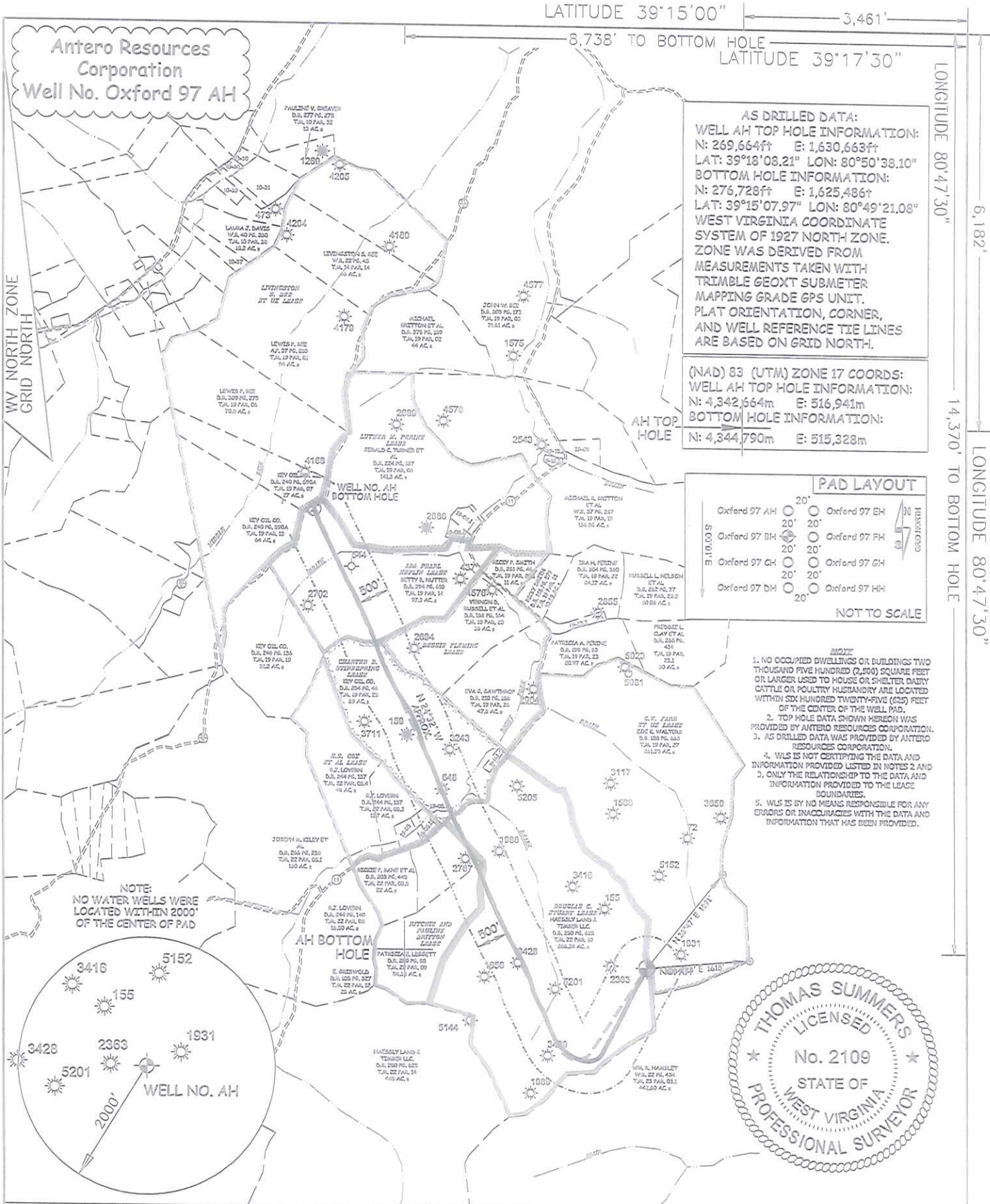
**AS DRILLED DATA:**  
**WELL AH TOP HOLE INFORMATION:**  
 N: 269,664ft E: 1,630,663ft  
 LAT: 39°18'08.21" LON: 80°50'38.10"  
**BOTTOM HOLE INFORMATION:**  
 N: 276,728ft E: 1,625,486ft  
 LAT: 39°15'07.97" LON: 80°49'21.08"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM 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 AH TOP HOLE INFORMATION:**  
 N: 4,342,664m E: 516,941m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,344,790m E: 515,328m

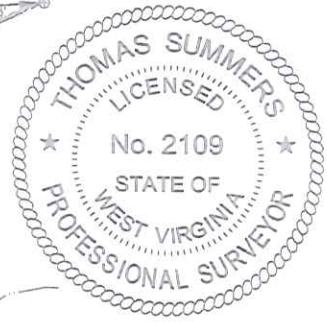


- NOTE:**
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
  2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
  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.

WV NORTH ZONE GRID NORTH



**NOTE:**  
 NO WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD



JOB # 19-002WA  
 DRAWING # OXFORD97AH  
 SCALE 1" = 2000'

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

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

LOCATION: ELEVATION 1,333' AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK  
 QUADRANGLE OXFORD 7.5' (THL) - WEST UNION 7.5' (BHL) DISTRICT WEST UNION COUNTY DODDRIDGE

SURFACE OWNER HAESSLY LAND & TIMBER LLC ACREAGE 286.38 ACRES +/-  
 OIL & GAS ROYALTY OWNER DOUGLAS C. STUART: RITCHIE & PAULINE BRITTON: LEASE ACREAGE 286 AC±; 79 AC±;  
 CHARTER D. STINESPRING: ADA PEARL HEFLIN 89 AC±; 97.3 AC±;

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

**LEGEND**

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

THOMAS SUMMERS P.S. 2109

DATE 04/07/20

OPERATOR'S WELL # OXFORD 97 AH

API WELL # 47 - 017 - 06482

STATE COUNTY PERMIT

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 6,867' TVD 16,447' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM

ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

COUNTY NAME

PERMIT