

LATITUDE 39°15'00"

3,460'

LATITUDE 39°17'30"

LONGITUDE 80°47'30"

6,242'

12,678' TO BOTTOM HOLE

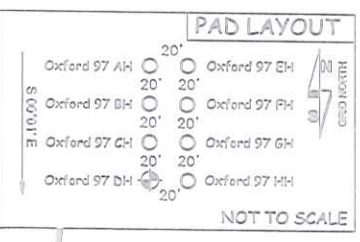
LONGITUDE 80°47'30"

Antero Resources Corporation
Well No. Oxford 97 DH

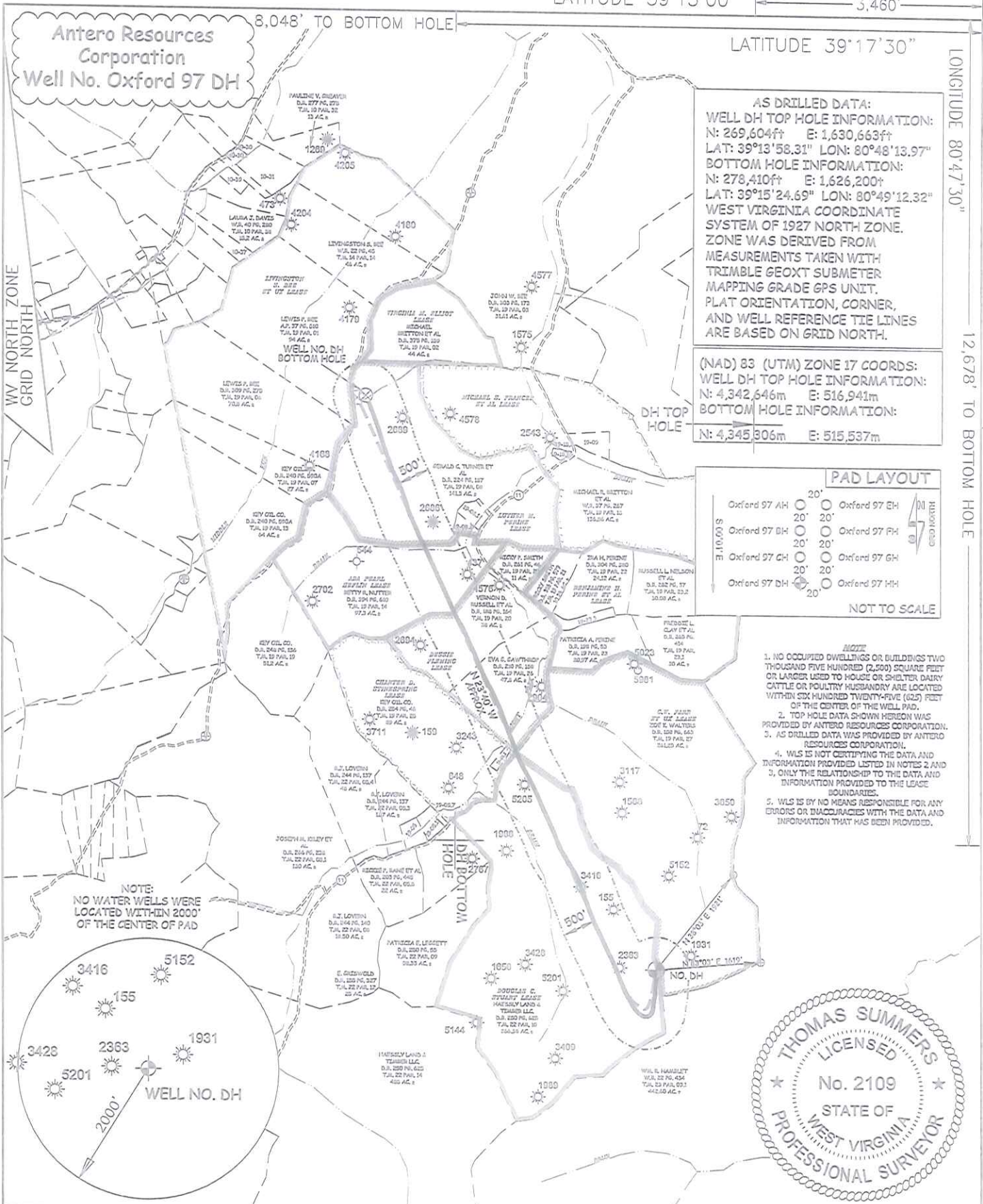
8,048' TO BOTTOM HOLE

AS DRILLED DATA:
WELL DH TOP HOLE INFORMATION:
 N: 269,604ft E: 1,630,663ft
 LAT: 39°13'58.31" LON: 80°48'13.97"
BOTTOM HOLE INFORMATION:
 N: 278,410ft E: 1,626,200ft
 LAT: 39°15'24.69" LON: 80°49'12.32"
 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 DH TOP HOLE INFORMATION:
 N: 4,342,646m E: 516,941m
BOTTOM HOLE INFORMATION:
 N: 4,345,806m E: 515,537m



- 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.



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



JOB # 19-002WA
 DRAWING # OXFORD97DH
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 DH

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
 OIL & GAS ROYALTY OWNER DOUGLAS C. STUART; G. W. FARR ET UX;
 DESSIE FLEMMING; ADA PEARL HEFLIN; LUTHER M. PERINE

API WELL # 47 - 017 - 06484
 STATE COUNTY PERMIT
 ACREAGE 266.38 ACRES +/-
 LEASE ACREAGE 266 AC±; 262 AC±; 96.8 AC±; 97.3 AC±; 146.5 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
 TARGET FORMATION MARCELLUS PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 6,905' TVD 17,225' MD
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT