

LATITUDE 39°12'30"

11,207'

LATITUDE 39°10'00"

LONGITUDE 80°42'30"

4,110' TO BOTTOM HOLE

14,414'

LONGITUDE 80°42'30"

COUNTY NAME PERMIT

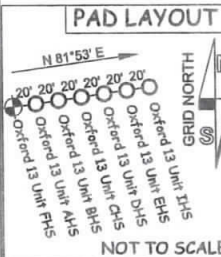
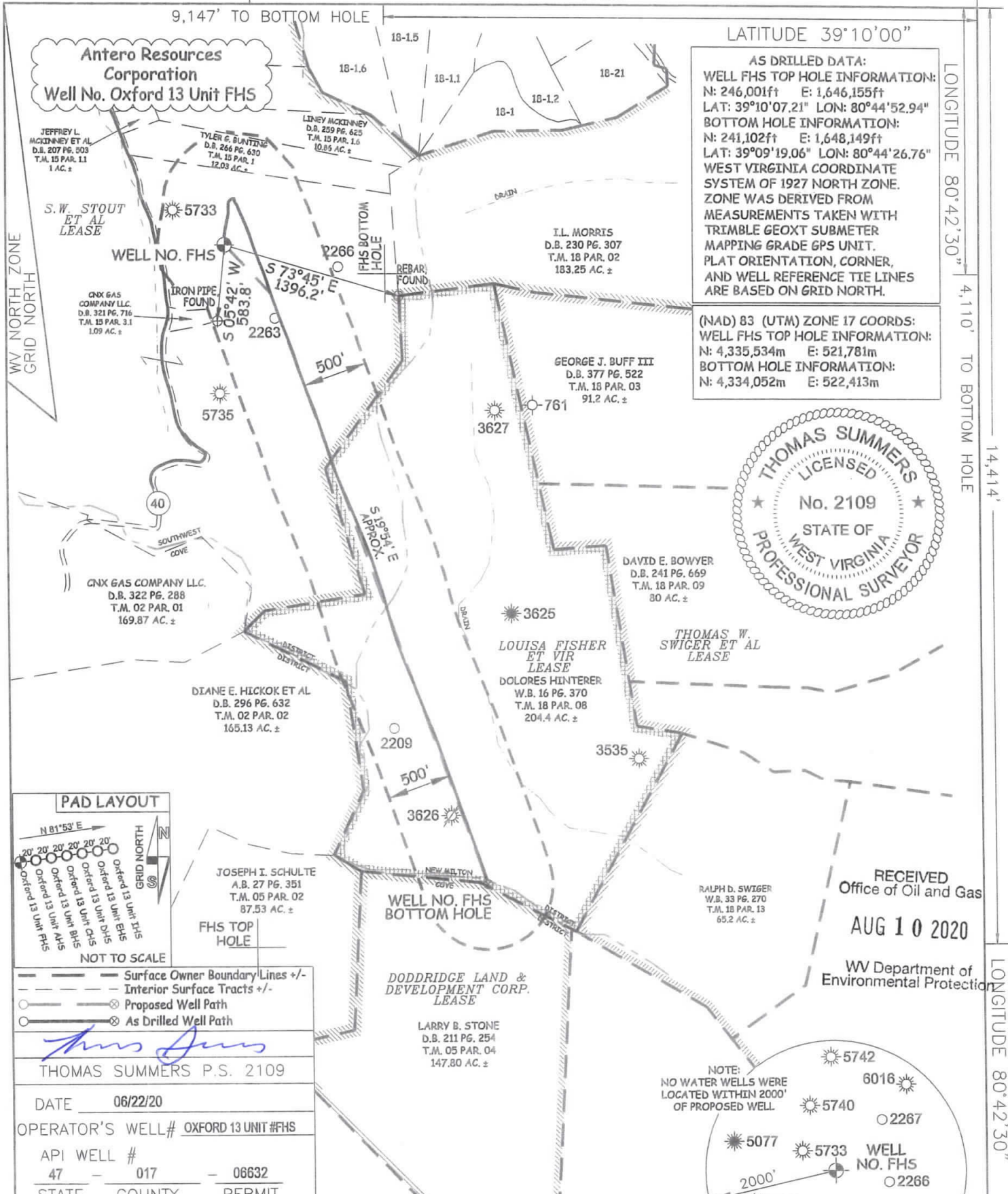
Antero Resources Corporation
Well No. Oxford 13 Unit FHS

AS DRILLED DATA:
 WELL FHS TOP HOLE INFORMATION:
 N: 246,001ft E: 1,646,155ft
 LAT: 39°10'07.21" LON: 80°44'52.94"
 BOTTOM HOLE INFORMATION:
 N: 241,102ft E: 1,648,149ft
 LAT: 39°09'19.06" LON: 80°44'26.76"
 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 FHS TOP HOLE INFORMATION:
 N: 4,335,534m E: 521,781m
 BOTTOM HOLE INFORMATION:
 N: 4,334,052m E: 522,413m



RECEIVED
 Office of Oil and Gas
 AUG 10 2020
 WV Department of Environmental Protection



NOT TO SCALE

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

THOMAS SUMMERS P.S. 2109

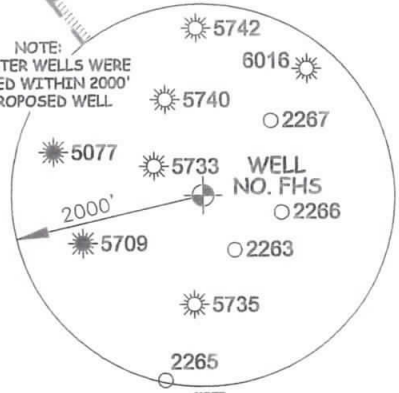
DATE 06/22/20

OPERATOR'S WELL# OXFORD 13 UNIT #FHS

API WELL # 47 - 017 - 06632

STATE COUNTY PERMIT

NOTE:
 NO WATER WELLS WERE LOCATED WITHIN 2000' OF PROPOSED WELL



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

- 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.

JOB # 20-005WA

DRAWING # OXFORD13FHSAD

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

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

LOCATION: ELEVATION 1,152' -AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK

QUADRANGLE NEW MILTON 7.5' DISTRICT SOUTHWEST COUNTY DODDRIDGE

SURFACE OWNER I. L. MORRIS ACREAGE 6,600.75 ACRES

OIL & GAS ROYALTY OWNER S. W. STOUT ET AL; LOUISA FISHER ET VIR LEASE ACREAGE 1,427 ACRES±; 204.4 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 6,975' TVD 12,234' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313