

LATITUDE 39°12'30"

11,108'

54' TO BOTTOM HOLE
LATITUDE 39°12'30"

LONGITUDE 80°45'00"

14,399'

7,541' TO BOTTOM HOLE

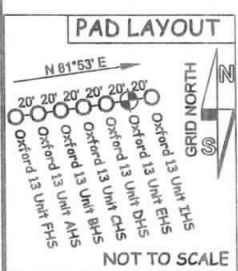
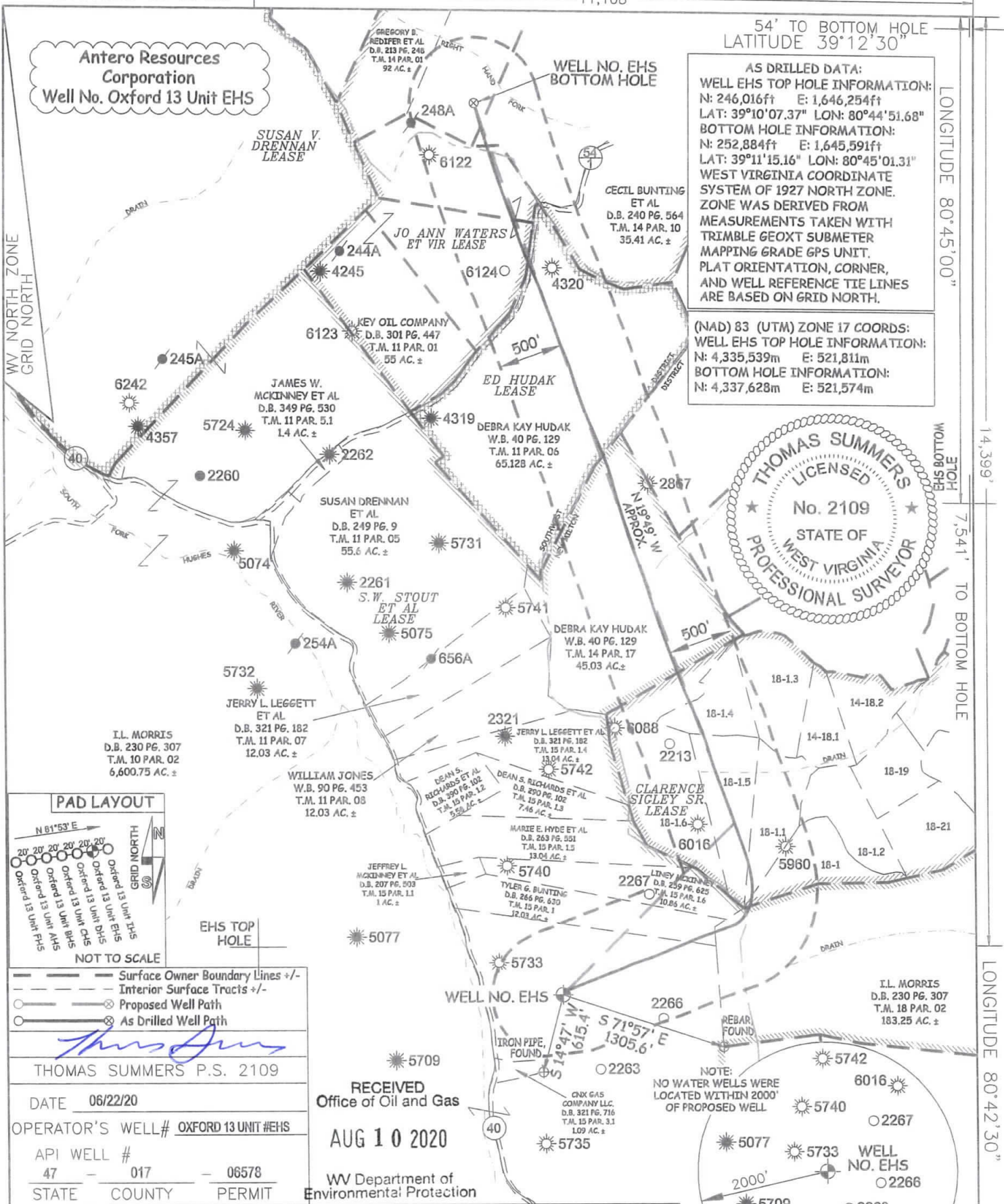
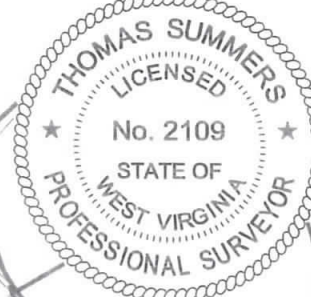
LONGITUDE 80°42'30"

COUNTY NAME PERMIT

Antero Resources Corporation
Well No. Oxford 13 Unit EHS

AS DRILLED DATA:
WELL EHS TOP HOLE INFORMATION:
 N: 246,016ft E: 1,646,254ft
 LAT: 39°10'07.37" LON: 80°44'51.68"
BOTTOM HOLE INFORMATION:
 N: 252,884ft E: 1,645,591ft
 LAT: 39°11'15.16" LON: 80°45'01.31"
 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.

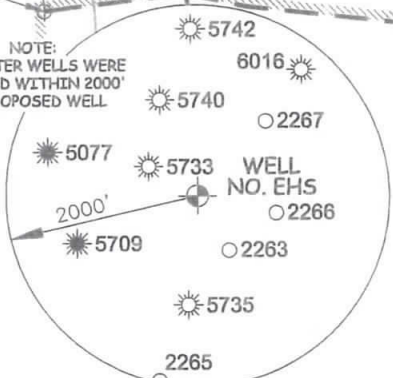
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL EHS TOP HOLE INFORMATION:
 N: 4,335,539m E: 521,811m
BOTTOM HOLE INFORMATION:
 N: 4,337,628m E: 521,574m



--- 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 #EHS
 API WELL # 47 - 017 - 06578
 STATE COUNTY PERMIT

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



JOB # 20-005WA
 DRAWING # OXFORD13EHSAD
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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 TH - NEW MILTON 7.5' BH - OXFORD 7.5' DISTRICT SOUTHWEST & NEW MILTON COUNTY DODDRIDGE

- NOTE:**
- 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.
 - TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 - AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 - 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.
 - WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

SURFACE OWNER I. L. MORRIS ACREAGE 6,600.75 ACRES
 OIL & GAS ROYALTY OWNER S. W. STOUT ET AL; CLARENCE SIGLEY SR. LEASE ACREAGE 1,427 ACRES±; 150 ACRES±
 S. W. STOUT; ED HUDAK; JO ANN WATERS ET VIR 75 ACRES±; 180 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 6,816' TVD 13,895' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
 DENVER, CO 80202 CHARLESTON, WV 25313