

LATITUDE 39°12'30"

11,089'

LATITUDE 39°10'00"

LONGITUDE 80°42'30"

14,395'

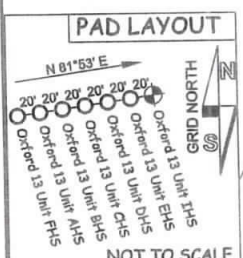
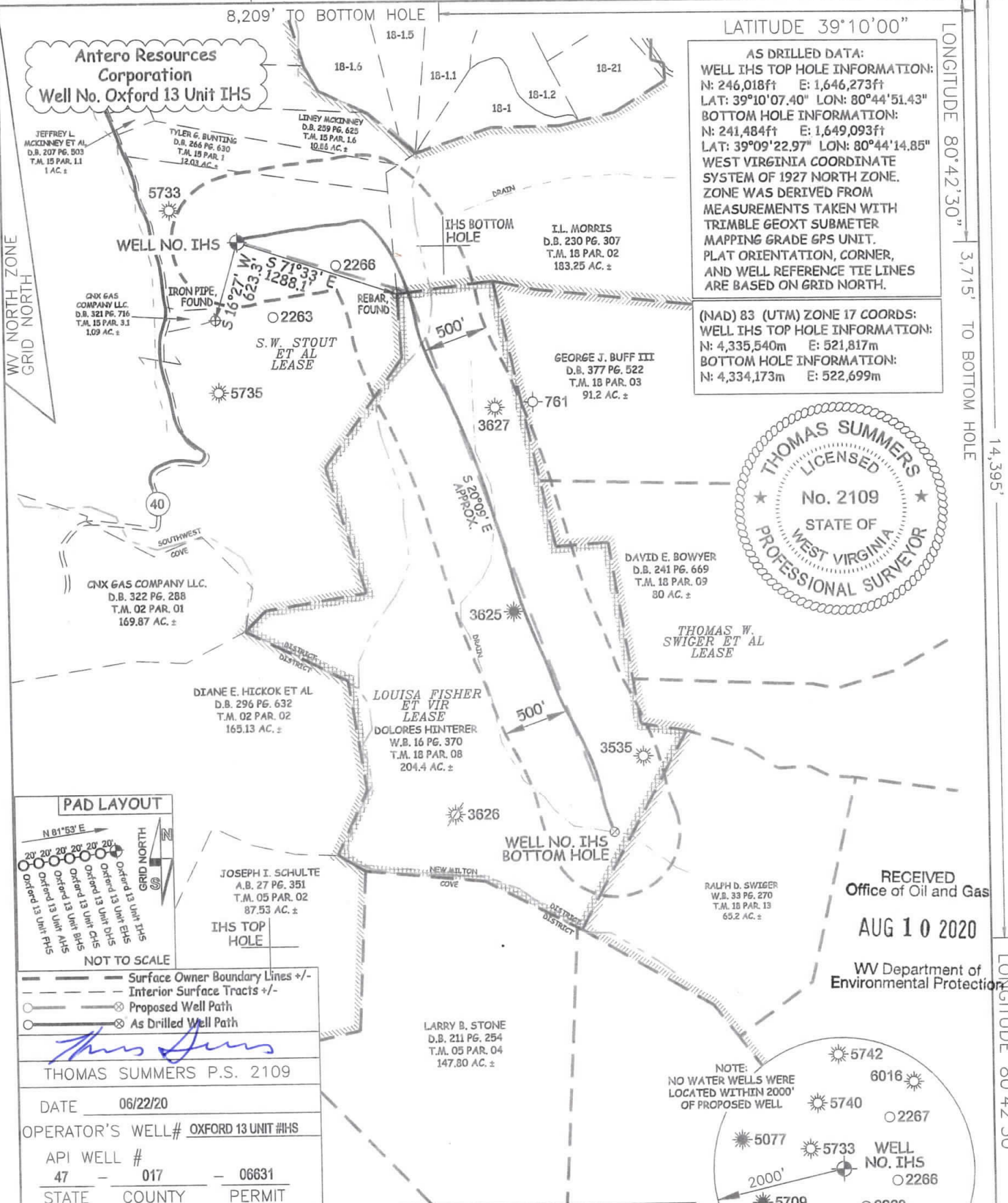
LONGITUDE 80°42'30"

COUNTY NAME PERMIT

Antero Resources Corporation
Well No. Oxford 13 Unit IHS

AS DRILLED DATA:
 WELL IHS TOP HOLE INFORMATION:
 N: 246,018ft E: 1,646,273ft
 LAT: 39°10'07.40" LON: 80°44'51.43"
 BOTTOM HOLE INFORMATION:
 N: 241,484ft E: 1,649,093ft
 LAT: 39°09'22.97" LON: 80°44'14.85"
 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.

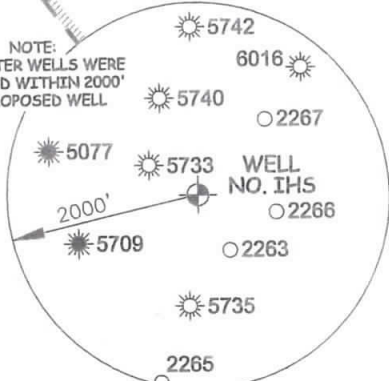
(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL IHS TOP HOLE INFORMATION:
 N: 4,335,540m E: 521,817m
 BOTTOM HOLE INFORMATION:
 N: 4,334,173m E: 522,699m



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

THOMAS SUMMERS P.S. 2109
 DATE 06/22/20
 OPERATOR'S WELL# OXFORD 13 UNIT #IHS
 API WELL # 47 - 017 - 06631
 STATE COUNTY PERMIT

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



- 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.

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 # 20-005WA
 DRAWING # OXFORD13IHSAD
 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 X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 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 6,989' TVD 11,935' 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