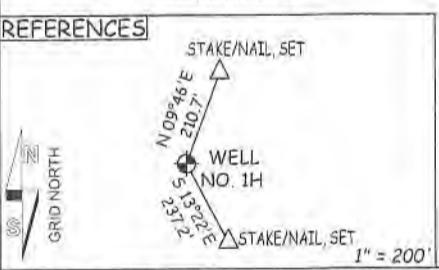
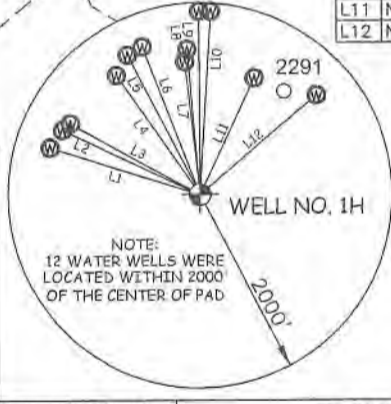


NOTES:
WELL 1H TOP HOLE INFORMATION:
 WV STATE PLANE NAD 27 COORDS:
 N: 373,277ft E: 1,624,896ft
 GEOGRAPHIC NAD 27 COORDS:
 LAT: 39°31'02.07" LON: 80°49'46.76"
 (NAD) 83 (UTM) ZONE 17 COORDS:
 N: 4,374,201m E: 514,657m
 (NAD) 27 (UTM) ZONE 17 COORDS:
 N: 14,350,309ft E: 1,688,458ft
 WEST VIRGINIA COORDINATE 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.

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 2. LEASE BOUNDARY AND BEARINGS AND DISTANCES SHOWN HEREON ARE TAKEN FROM TYLER COUNTY DEED BOOK 531 AT PAGE 58.



LINE	BEARING	DISTANCE
L1	N 72°40' W	1638.0'
L2	N 64°54' W	1582.1'
L3	N 61°22' W	1537.8'
L4	N 34°54' W	1512.5'
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L7	N 06°24' W	1392.9'
L8	N 05°00' W	1521.3'
L9	N 00°15' W	1911.8'
L10	N 03°26' E	1913.5'
L11	N 25°08' E	1338.5'
L12	N 49°41' E	1592.6'



JOB # 20-003WA
 DRAWING # LEMON1HR2shorty
 SCALE 1" = 500'

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LEGEND
 - - - - - Surface Owner Boundary Lines +/-
 --- Adjoining Surface Tracts +/-
 ⊕ Found monument, as noted

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

THOMAS SUMMERS P.S. 2109

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

DATE 08/13/20

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION ORIGINAL -1,070' PROPOSED -1,042' WATERSHED OUTLET MIDDLE ISLAND CREEK

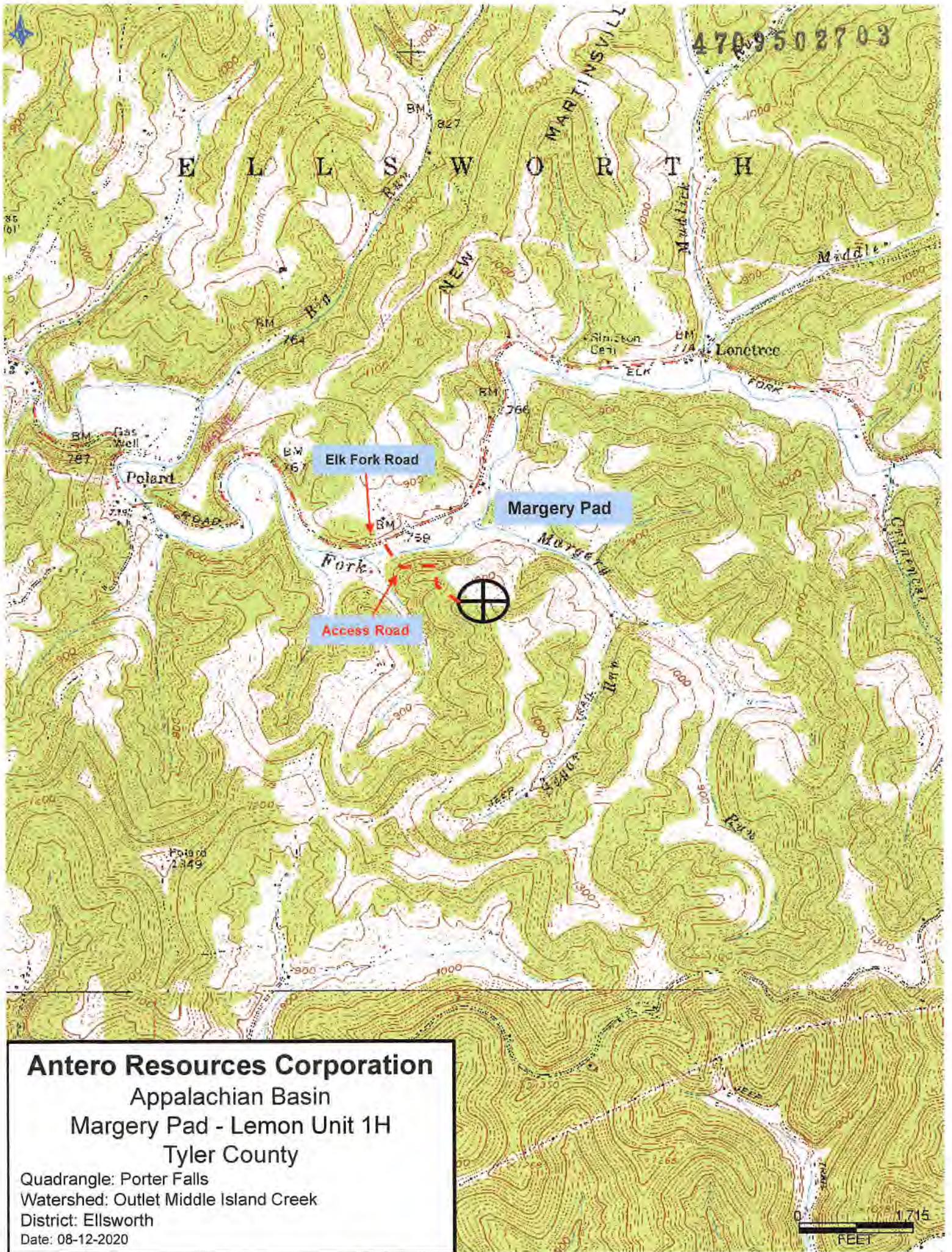
QUADRANGLE PORTER FALLS 75' DISTRICT ELLSWORTH COUNTY TYLER
 SURFACE OWNER KAYLA LEEK ACREAGE 69.06 ACRES +/-
 OIL & GAS ROYALTY OWNER RIDGETOP CAPITAL, LP LEASE ACREAGE 69.06 ACRES±

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION

OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
 PLUG & ABANDON ___ CLEAN OUT & REPLUG ___ ESTIMATED DEPTH 7,000' TVD 7,000' MD
 TARGET FORMATION MARCELLUS

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

COUNTY NAME PERMIT



470-9502703

ELLSWORTH NORTH

Elk Fork Road

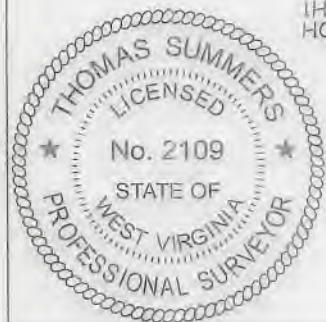
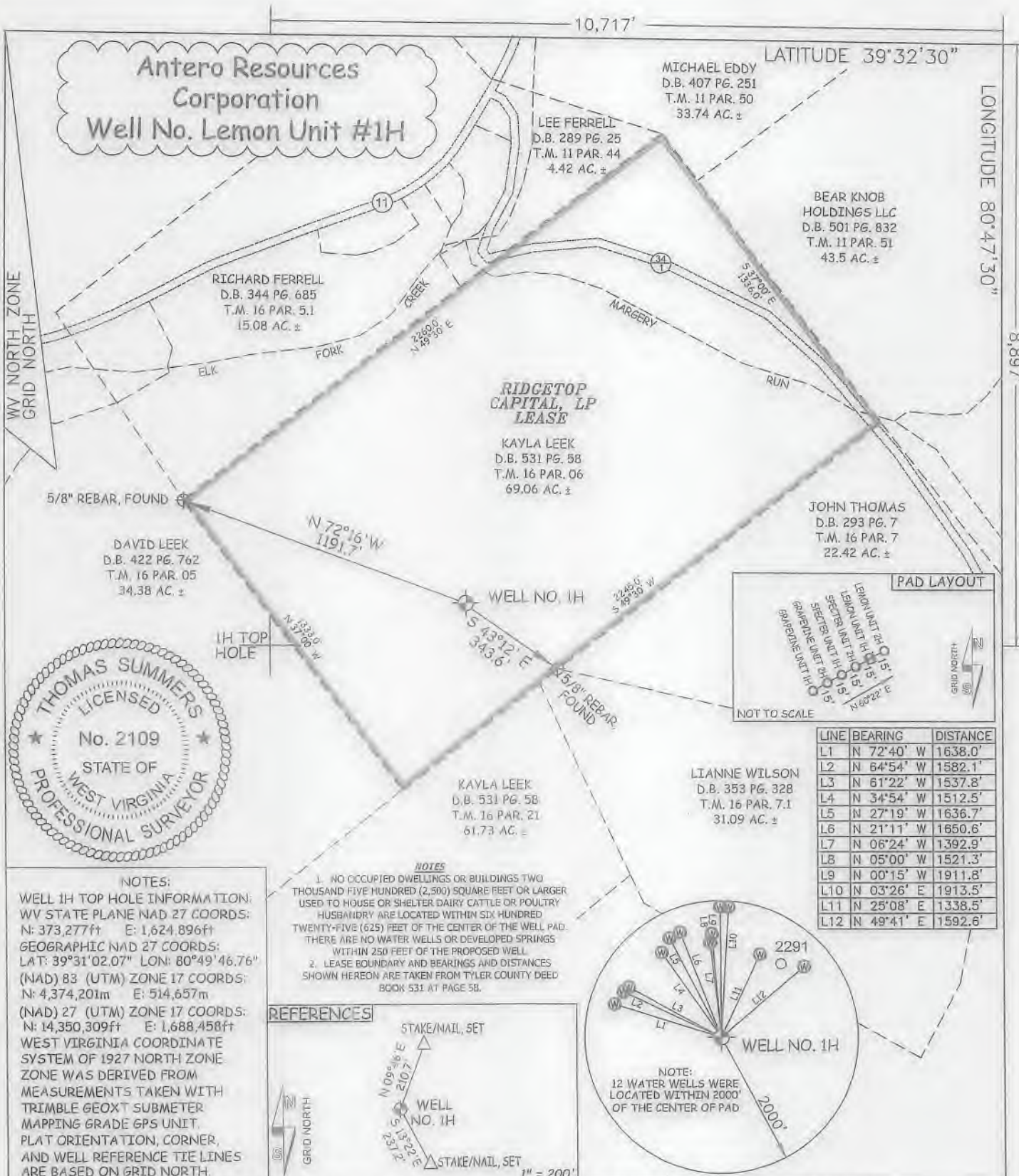
Margery Pad

Access Road

Antero Resources Corporation
Appalachian Basin
Margery Pad - Lemon Unit 1H
Tyler County

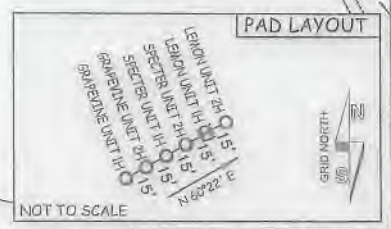
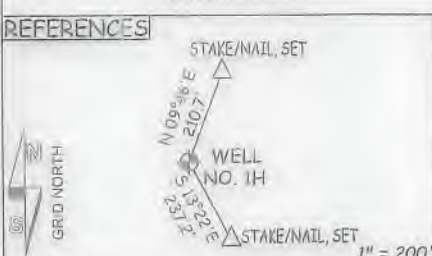
Quadrangle: Porter Falls
Watershed: Outlet Middle Island Creek
District: Ellsworth
Date: 08-12-2020

0 1715
FEET

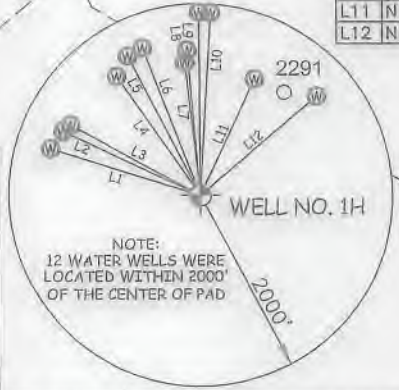


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 WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

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STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
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 DENVER, CO 80202 CHARLESTON, WV 25313

DATE 08/13/20
 OPERATOR'S WELL# LEMON UNIT #1H
 API WELL # 47-095-02703
 STATE COUNTY PERMIT
 COUNTY NAME
 PERMIT



Lemon Unit 1H

RECEIVED
Office of Oil and Gas

AUG 20 2020

WV Department of
Environmental Protection



Antero Resources Corporation

Lemon Unit 1H - AOR



REMARKS

No Wells of Interest

August 18, 2020