

LATITUDE 39°25'00"

11,273'

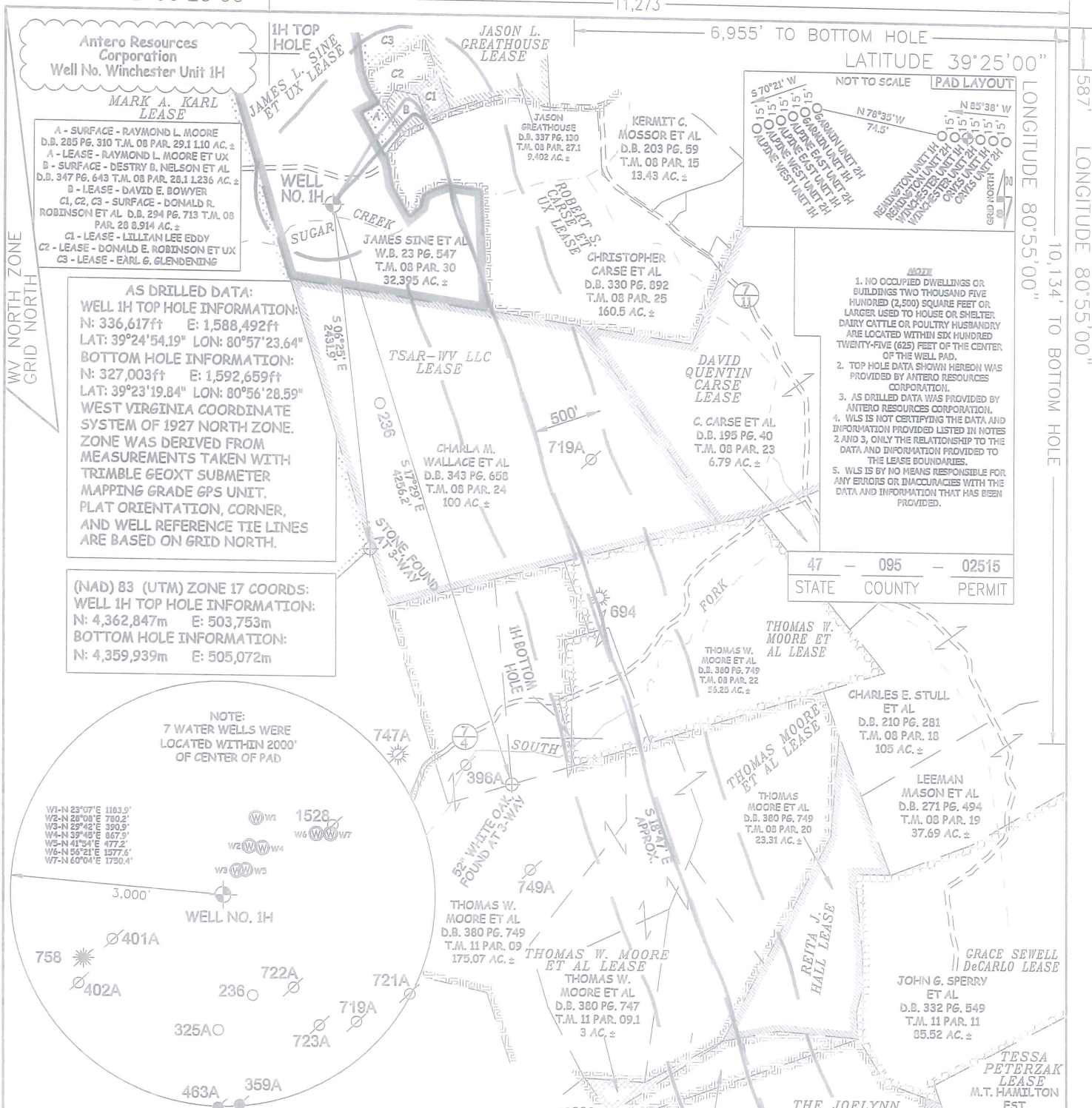
6,955' TO BOTTOM HOLE

LATITUDE 39°25'00"

587' LONGITUDE 80°55'00"

10,134' TO BOTTOM HOLE

LONGITUDE 80°55'00"

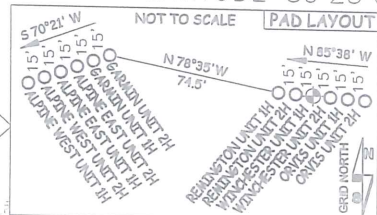


Antero Resources Corporation
Well No. Winchester Unit 1H
MARK A. KARL LEASE

A - SURFACE - RAYMOND L. MOORE D.B. 205 PG. 310 T.M. 08 PAR. 29.1 1.10 AC. ±
A - LEASE - RAYMOND L. MOORE ET UX
B - SURFACE - DESTRY B. NELSON ET AL D.B. 347 PG. 643 T.M. 08 PAR. 28.1 1.236 AC. ±
B - LEASE - DAVID E. BOWYER
C1, C2, C3 - SURFACE - DONALD E. ROBINSON ET AL D.B. 294 PG. 713 T.M. 08 PAR. 20 8.914 AC. ±
C1 - LEASE - LILLIAN LEE EDDY
C2 - LEASE - DONALD E. ROBINSON ET UX
C3 - LEASE - EARL G. GLENDENING

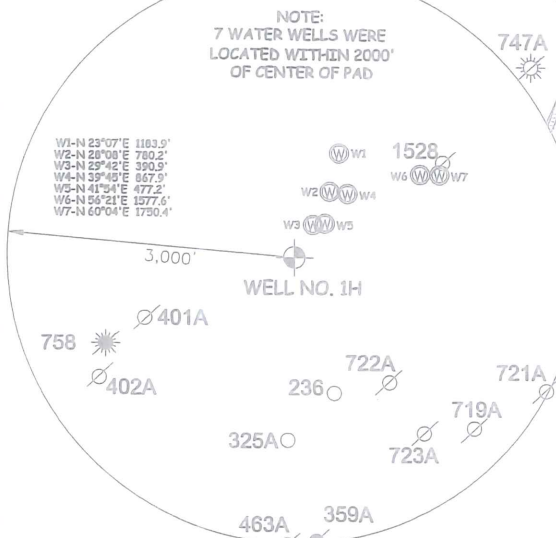
AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 336,617ft E: 1,588,492ft
LAT: 39°24'54.19" LON: 80°57'23.64"
BOTTOM HOLE INFORMATION:
N: 327,003ft E: 1,592,659ft
LAT: 39°23'19.84" LON: 80°56'28.59"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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 1H TOP HOLE INFORMATION:
N: 4,362,847m E: 503,753m
BOTTOM HOLE INFORMATION:
N: 4,359,939m E: 505,072m



- 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.

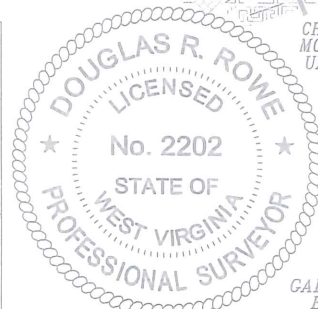
47 - 095 - 02515
STATE COUNTY PERMIT



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 # 17-002WA
DRAWING # WINCHESTER1HAD
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

LEGEND
— Surface Owner Boundary Lines +/-
— Interior Surface Tracts +/-
○ Proposed Well Path
⊗ As Drilled Well Path

DOUGLAS R. ROWE P.S. 2202
DATE 08/19/19
OPERATOR'S WELL# WINCHESTER UNIT #1H

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 799' - AS-BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER
SURFACE OWNER JAMES SINE ET AL ACREAGE 32.395 ACRES +/-
OIL & GAS ROYALTY OWNER JAMES L. SINE ET UX; RAYMOND L. MOORE ET UX; DONALD E. ROBINSON ET UX; LEASE ACREAGE 54.74 AC. ±; 1.1 AC. ±; 2.59 AC. ±; LILLIAN LEE EDDY; DAVID E. BOWYER; ROBERT S. CARSE ET UX; TSAR-WV LLC; THOMAS W. MOORE ET AL; 5.04 AC. ±; 1.236 AC. ±; 140 AC. ±; 105 AC. ±; 56.25 AC. ±; THOMAS MOORE ET AL; RETTA J. HALL; CHARLES F. MOSSOR ET UX; THE JOELYNN FAMILY PRESERVATION TRUST; GARY A. BARNARD ET UX 175.07 AC. ±; 23.31 AC. ±; 10.25 AC. ±; 200 AC. ±; 91.55 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 6,143' TVD 16,806' MD
ADDRESS 1615 WYNKOOP STREET DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
FORM WW-6 DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

COUNTY NAME PERMIT