

LATITUDE 39°17'30" 2,242'

5,638' TO BOTTOM HOLE
LATITUDE 39°20'00"

LONGITUDE 80°52'30"

13,246' TO BOTTOM HOLE

LONGITUDE 80°52'30"

1,021.6' GUN

LONGITUDE 80°52'30"

6,712'

LONGITUDE 80°52'30"

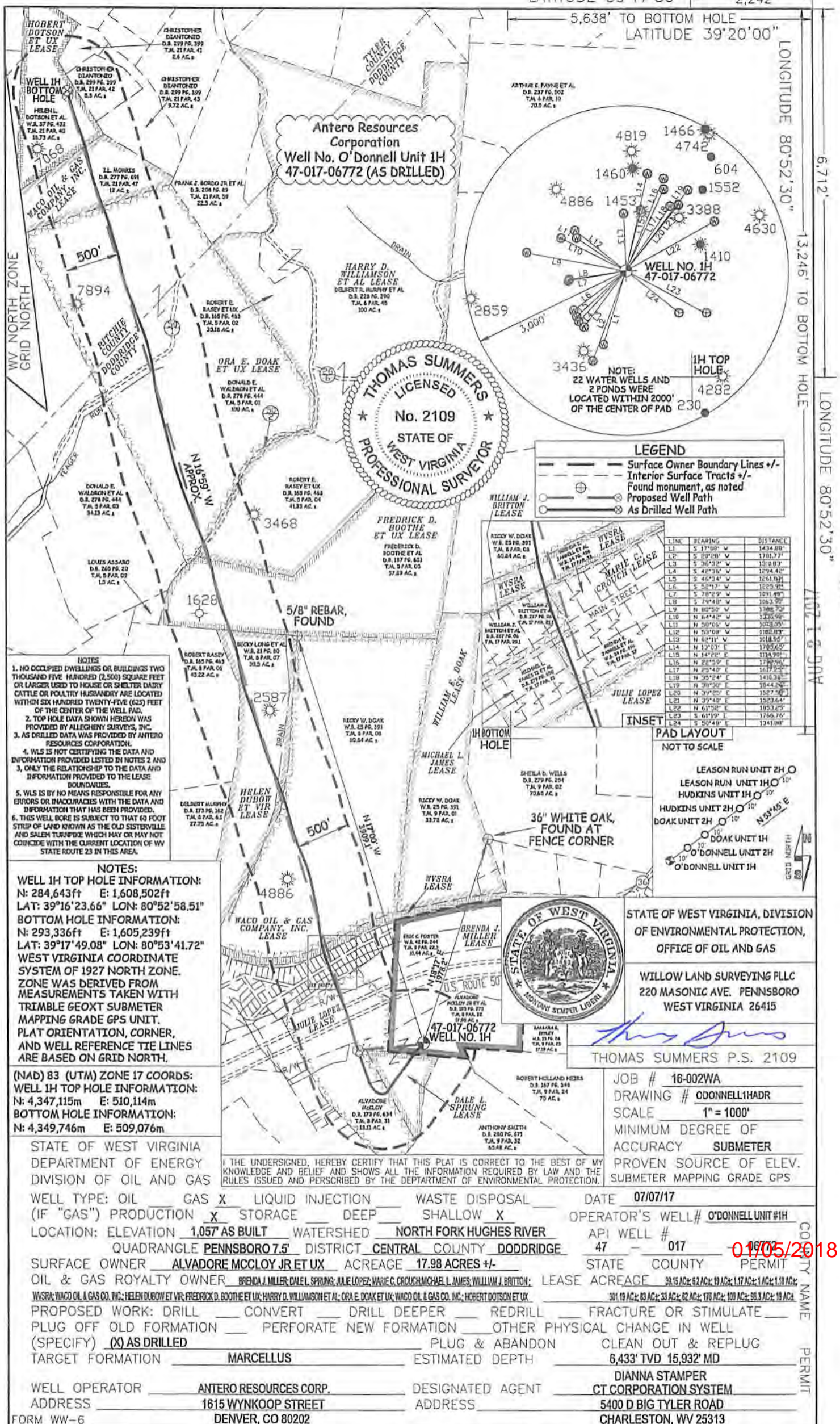
1,021.6' GUN

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"



NOTES

- 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 ALLEGHENY SURVEYS, INC.
- 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.
- THIS WELL BORE IS SUBJECT TO THAT 60 FOOT STRIP OF LAND KNOWN AS THE OLD SISTERVILLE AND SALEM TURNPIKE WHICH MAY OR MAY NOT COINCIDE WITH THE CURRENT LOCATION OF WV STATE ROUTE 23 IN THIS AREA.

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 284,643ft E: 1,608,502ft
LAT: 39°16'23.66" LON: 80°52'58.51"
BOTTOM HOLE INFORMATION:
N: 293,336ft E: 1,605,239ft
LAT: 39°17'49.08" LON: 80°53'41.72"
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: 4,347,115m E: 510,114m
BOTTOM HOLE INFORMATION:
N: 4,349,746m E: 509,076m

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 1,057' AS BUILT WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE PENNSBORO 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE
SURFACE OWNER ALVADORE MCCLOY JR ET UX ACREAGE 17.98 ACRES +/-
OIL & GAS ROYALTY OWNER BRENDA J. MILLER DANIEL SPRINGS JULIE LOPEZ MARIE C. CROUCH MICHAEL L. JAMES WILLIAM J. BRITTON
WWSRA; WACO OIL & GAS CO. INC.; HELEN DUBOW ET VIR; FREDRICK D. BOOTHE ET UX; HARRY D. WILLIAMSON ET AL.; ORA E. DOAK ET UX; WACO OIL & GAS CO. INC.; HOBERT DOTSON ET UX
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 6,433' TVD 15,932' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

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

THOMAS SUMMERS P.S. 2109

JOB # 16-002WA
DRAWING # O'DONNELL1HADR
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

DATE 07/07/17
OPERATOR'S WELL# O'DONNELL UNIT #1H
API WELL # 47-017-06772
STATE COUNTY PERMIT
LEASE ACREAGE 39.15 AC ± 62 AC ± 19 AC ± 1.17 AC ± 1.1 AC ± 1.18 AC ± 30.1 AC ± 43 AC ± 33 AC ± 82 AC ± 178 AC ± 100 AC ± 50.3 AC ± 19 AC ±
DIANNA STAMPER
CT CORPORATION SYSTEM
CHARLESTON, WV 25313

01/05/2018

WV Department of Environmental Protection