

LATITUDE 39°20'00"

7,050'

LATITUDE 39°17'30"

316'

West Union District - Doddridge County	
08-36	Paul Smith
08-36.1	George Wyckoff
08-51	Robert Holland
08-52	John Smith
12-12	John Smith
12-13	Steven Plump
12-13.1	George Wyckoff
12-14	Chad Johnson
12-21	Betty Stephenson
12-22	Norma Jean Heflin
12-22.1	Leonce Label
12-59	Spencer Enterp. LLC
12-60.1	Betty Stephenson
12-61	Leonce Label
12-61.1	Leonce Label
12-62	Ralph Mah
12-68	Spencer Enterp. LLC
12-69	Eric Britton
12-69.1	Joseph Bunth
12-70	Donald Dotson
12-75	Ryan Carver
12-76	Ryan Carver
12-77	Mark Phillips
12-77.1	Ryan Carver
12-77.2	Christopher Harris
12-78	Robert Long
12-79	Big "D" Enterp. LLC
12-79.1	Gerald Chedester
12-79.2	Spencer Enterp. LLC
12-80	Big "D" Enterp. LLC
12-80.1	Spencer Enterp. LLC

6,195' TO BOTTOM HOLE

9,403'

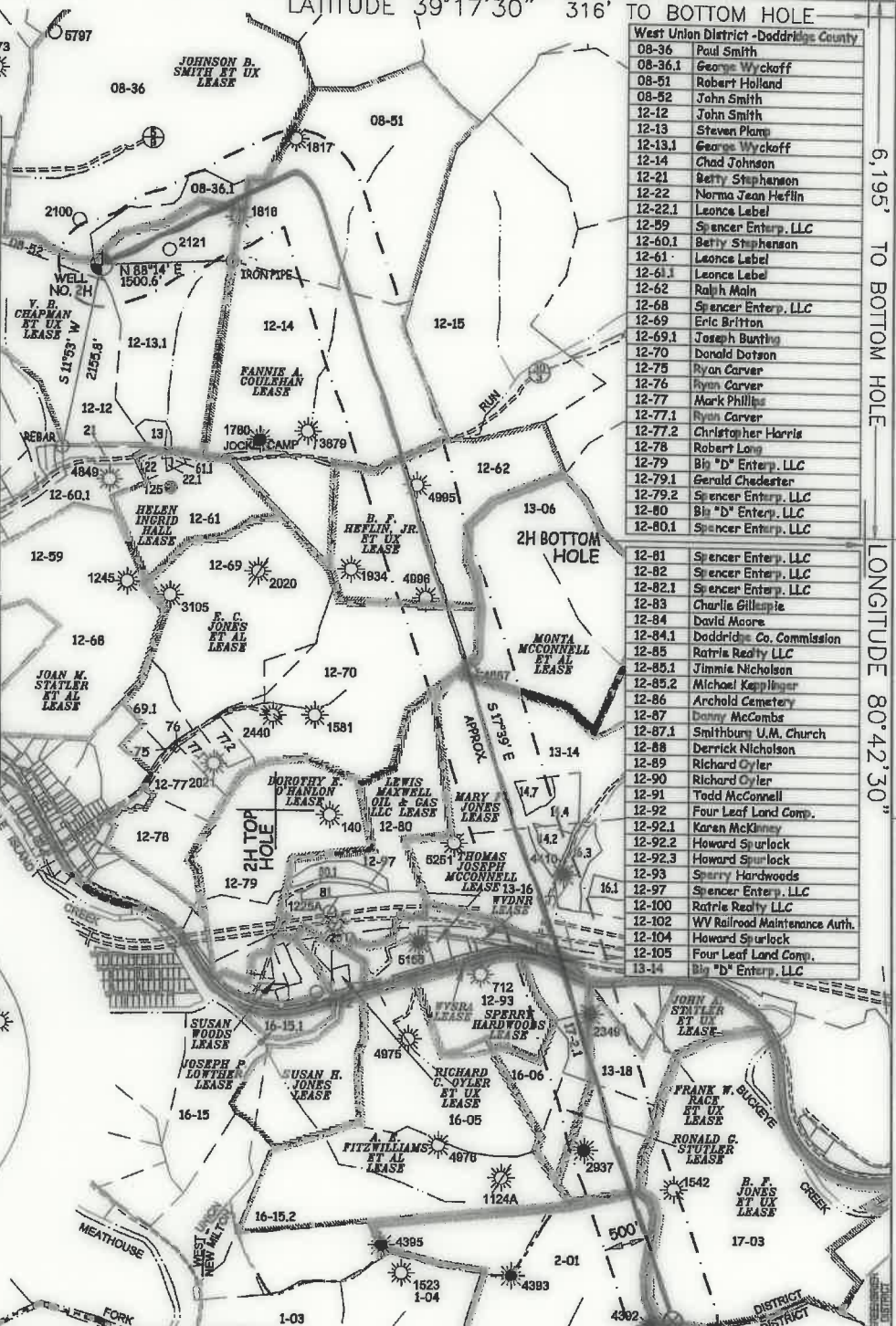
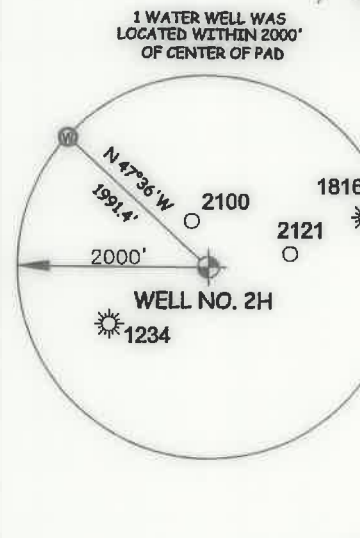
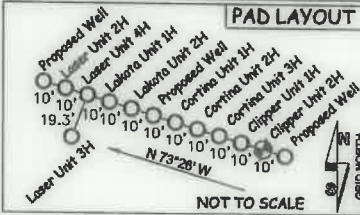
LONGITUDE 80°42'30"

LONGITUDE 80°42'30"

Antero Resources Corporation
Well No. Clipper Unit 2H

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 296,509ft E: 1,651,042ft
LAT: 39°18'27.06" LON: 80°43'59.69"
BOTTOM HOLE INFORMATION:
N: 284,451ft E: 1,657,614ft
LAT: 39°16'28.77" LON: 80°42'34.02"
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 2H TOP HOLE INFORMATION:
N: 4,350,946m E: 523,013m
BOTTOM HOLE INFORMATION:
N: 4,347,306m E: 525,077m

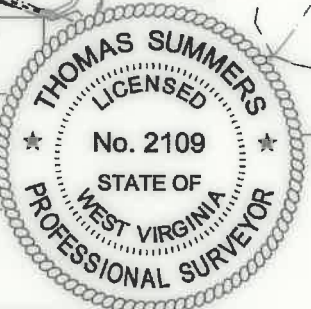


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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 # 18-035WA
DRAWING # CLIPPER2HAD
SCALE 1" = 2000'
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

THOMAS SUMMERS P.S. 2109

DATE 06/18/20

OPERATOR'S WELL# CLIPPER UNIT #2H

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.

West Union District - Doddridge County	
13-14.2	Lucien Sommons
13-14.4	Lucien Sommons
13-14.7	David Mitchell
13-16	Big "D" Enterp. LLC
13-16.1	John Strickling
13-16.3	Hall Drilling LLC
13-18	Frank Race
16-05	Ruby Ballenger
16-06	Ruby Ballenger
16-15	Marion Liberty Midstream & Res. LLC
16-15.1	Lawrence Gaskins
16-15.2	Marion Liberty Midstream & Res. LLC
17-02	Ruby Ballenger
17-2.1	Ruby Ballenger
17-03	Helen Jones

COUNTY NAME

PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 ___ 017 ___ 06888
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 1,283' - AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE SMITHBURG 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE

SURFACE OWNER GEORGE S. WYCKOFF ACREAGE 70.58 ACRES +/-

OIL & GAS ROYALTY OWNER V.B. CHAPMAN ET UX; JOHNSON B. SMITH ET UX; FANNIE A. COULAHAN; B. F. HEFLIN JR. ET UX; LEASE ACREAGE 156 AC +/-; 180 AC +/-; 234.94 AC +/-; 82 AC +/-; E.C. JONES ET AL; MONTA MCCONNELL ET AL; MARY E. JONES; THOMAS JOSEPH MCCONNELL; WVDNR; 300 AC +/-; 91 AC +/-; 184 AC +/-; 24.45 AC +/-; 0.9 AC +/-
WYSRA; RONALD G. STUTLER; JOHN A. STATLER ET UX; HUGH SPENCER ET UX; B. F. JONES ET UX 301.19 AC +/-; 25.56 AC +/-; 48 AC +/-; 132 AC +/-; 141.73 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 PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,944' TVD 21,109' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

LATITUDE 39°20'00"

7,050'

LATITUDE 39°17'30"

316' TO BOTTOM HOLE

Antero Resources Corporation Well No. Clipper Unit 2H

AS DRILLED DATA: WELL 2H TOP HOLE INFORMATION: N: 296,509ft E: 1,651,042ft LAT: 39°18'27.06" LON: 80°43'59.69" BOTTOM HOLE INFORMATION: N: 284,451ft E: 1,657,614ft LAT: 39°16'28.77" LON: 80°42'34.02" 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 2H TOP HOLE INFORMATION: N: 4,350,946m E: 523,013m BOTTOM HOLE INFORMATION: N: 4,347,306m E: 525,077m

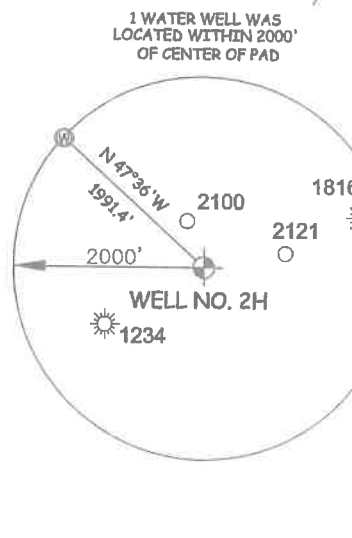
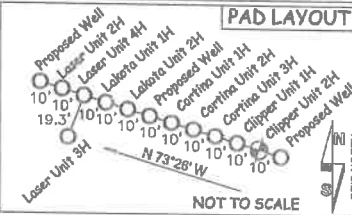


Table listing leaseholders and acreage for West Union District - Doddridge County. Includes names like Paul Smith, George Wyckoff, Robert Holland, John Smith, Steven Plamp, George Wyckoff, Chad Johnson, Betty Stephenson, Norma Jean Heflin, Leance Label, Spencer Enterp. LLC, Betty Stephenson, Leance Label, Leance Label, Spencer Enterp. LLC, Eric Britton, Joseph Bunting, Donald Dotson, Ryan Carver, Ryan Carver, Mark Phillips, Ryan Carver, Christopher Harris, Robert Long, Big "D" Enterp. LLC, Gerald Chedester, Spencer Enterp. LLC, Big "D" Enterp. LLC, Spencer Enterp. LLC.

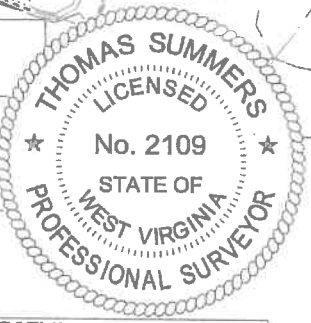
Table listing leaseholders and acreage for West Union District - Doddridge County. Includes names like Spencer Enterp. LLC, Spencer Enterp. LLC, Spencer Enterp. LLC, Charlie Gillespie, David Moore, Doddridge Co. Commission, Ratrie Realty LLC, Jimmie Nicholson, Michael Keppinger, Archald Cemetery, Danny McCombs, Smithburg U.M. Church, Derrick Nicholson, Richard Oyer, Richard Oyer, Todd McCannell, Four Leaf Land Comp., Karen McKinney, Howard Spurlock, Howard Spurlock, Sperry Hardwoods, Spencer Enterp. LLC, Ratrie Realty LLC, WV Railroad Maintenance Auth., Howard Spurlock, Four Leaf Land Comp., Big "D" Enterp. LLC.

Table listing leaseholders and acreage for West Union District - Doddridge County. Includes names like Lucien Sommons, Lucien Sommons, David Mitchell, Big "D" Enterp. LLC, John Strickling, Hall Drilling LLC, Frank Race, Ruby Ballenger, Ruby Ballenger, Marwest Liberty Midstream & Res. LLC, Lawrence Goskins, Marwest Liberty Midstream & Res. LLC, Ruby Ballenger, Ruby Ballenger, Helen Jones, New Milton District - Doddridge County, Ellwood Rill, Elwood Rill, Ralph Lucy, Donald Barnes, Ronald Law, Robert Bland.

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 # 18-035WA, DRAWING # CLIPPER2HAD, SCALE 1" = 2000', 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. Includes signature of Thomas Summers and date 06/18/20. OPERATOR'S WELL # CLIPPER UNIT #2H

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... 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... 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 017 06888 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,283' - AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE SMITHBURG 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE SURFACE OWNER GEORGE S. WYCKOFF ACREAGE 70.58 ACRES +/- OIL & GAS ROYALTY OWNER V. B. CHAPMAN ET UX; JOHNSON B. SMITH ET UX; FANNIE A. COULAHAN; B. F. HEFLIN JR. ET UX; LEASE ACREAGE 158 AC.; 180 AC.; 234.94 AC.; 82 AC.; 300 AC.; 91 AC.; 194 AC.; 24.45 AC.; 8.9 AC.; WYSRA: RONALD G. STUTLER; JOHN A. STATLER ET UX; HUGH SPENCER ET UX; B. F. JONES ET UX 301.19 AC.; 25.56 AC.; 48 AC.; 132 AC.; 141.73 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 6,944' TVD 21,109' MD WELL OPERATOR ADDRESS 1615 WYNKOOP ST. DENVER, CO 80202 DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

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