

LATITUDE 39°32'30"

5,367'

LATITUDE 39°35'00"

10,427' TO BOTTOM HOLE

Antero Resources Corporation Well No. Vishnu Unit 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 369,527ft E: 1,630,192ft LAT: 39°30'25.79" LON: 80°48'38.48" BOTTOM HOLE INFORMATION: N: 384,980ft E: 1,625,354ft LAT: 39°32'57.80" LON: 80°49'43.12" 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: 4,373,085m E: 516,290m BOTTOM HOLE INFORMATION: N: 4,377,769m E: 514,738m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,346,650ft E: 1,693,814ft POINT OF ENTRY INFORMATION: N: 14,346,817ft E: 1,693,925ft BOTTOM HOLE INFORMATION: N: 14,362,015ft E: 1,688,720ft

WV NORTH ZONE GRID NORTH

12,363' TO BOTTOM HOLE

12,568'

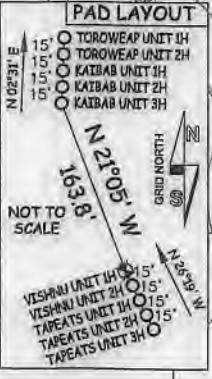
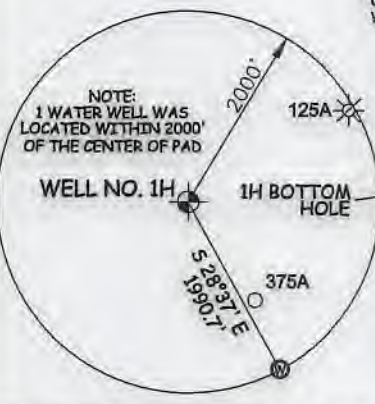
LONGITUDE 80°47'30"

LONGITUDE 80°47'30"

Table listing landowners and lease numbers in Ellsworth District - Tyler County, including names like Josh Amos, Albert Rice Est., Wash Beauty Et Al, etc.

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.

Table listing landowners in Ellsworth District - Tyler County, including names like Michael Martin, Darrell Sole, Jean Neal Et Al, etc.



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 PERSERIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



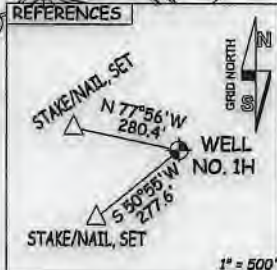
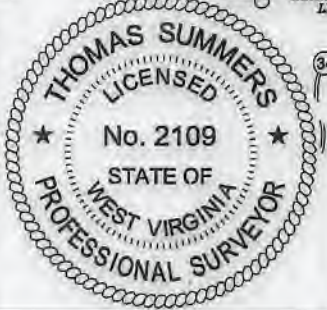
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS. WILLOW LAND SURVEYING PLLC, 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 20-009WA DRAWING # VISHNU1H SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND: Surface Owner Boundary Lines +/-, Adjoining Surface Tracts +/-, Found monument, as noted. THOMAS SUMMERS P.S. 2109

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

DATE 02/03/21 OPERATOR'S WELL# VISHNU UNIT #1H



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02716 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,268'-ORIGINAL 1,243'-PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER SURFACE OWNER KENNETH TOMBLIN ET AL ACREAGE 290.32 ACRES +/- OIL & GAS ROYALTY OWNER S.A. SMITH AND C.B. MORRIS HEIRS TRUST; HARVEY MILLER; BRC APPALACHIAN MINERALS I LLC; LEASE ACREAGE 290.32 AC +/-; 70 AC +/-; 51.5 AC +/-; ANTERO MINERALS; JOHN E. VALENTOUR ET UX; MARGARET M. BURTON; NILE DEAN HARRIS; GARY A. SOLE; GARY A. SOLE; HERITAGE RESOURCES-MARCELLUS 57.75 AC +/-; 80 AC +/-; 40 AC +/-; 53.75 AC +/-; 45.34 AC +/-; 61.82 AC +/-; MINERALS LLC; RALPH D. THACKER; BOUNTY MINERALS LLC; CLARENCE DUANE CLARK ET UX; RICHARD MOORE; STAR FURNITURE CO. OF WEST UNION INC. 39.41 AC +/-; 33 AC +/-; 33 AC +/-; 25 AC +/-; 111.52 AC +/-; 54.7 AC +/- PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER X REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,300' TVD 25,300' 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°32'30"

5,367'

LATITUDE 39°35'00"

10,427' TO BOTTOM HOLE

Antero Resources Corporation Well No. Vishnu Unit 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 369,527ft E: 1,630,192ft LAT: 39°30'25.79" LON: 80°48'38.48" BOTTOM HOLE INFORMATION: N: 384,980ft E: 1,625,354ft LAT: 39°32'57.80" LON: 80°49'43.12" 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.

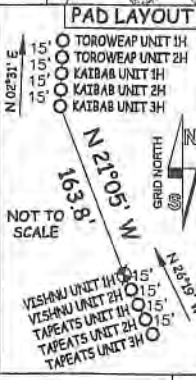
(NAD) 83 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 4,373,085m E: 516,290m BOTTOM HOLE INFORMATION: N: 4,377,769m E: 514,738m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,346,650ft E: 1,693,814ft POINT OF ENTRY INFORMATION: N: 14,346,817ft E: 1,693,925ft BOTTOM HOLE INFORMATION: N: 14,362,015ft E: 1,688,720ft

Table listing Ellsworth District - Tyler County landowners and their well numbers, including names like Josh Amos, Albert Rice Est., Wash Beatty Et Al, etc.

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.

Table listing Ellsworth District - Tyler County landowners with well numbers, including names like Michael Martin, Darrell Sole, Jean Neal Et Al, etc.



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

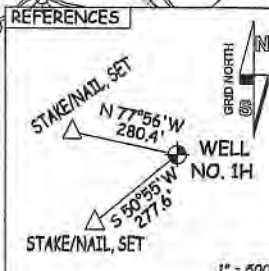
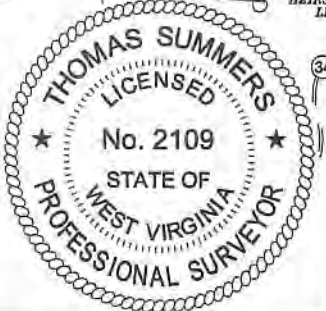
NOT TO SCALE. VISHNU UNIT 1H CH 15', VISHNU UNIT 2H CH 15', TAPEATS UNIT 1H CH 15', TAPEATS UNIT 2H CH 15', TAPEATS UNIT 3H CH 15'.

JOB # 20-009WA DRAWING # VISHNU1H SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND: Surface Owner Boundary Lines +/-, Adjoining Surface Tracts +/-, Found monument, as noted. THOMAS SUMMERS P.S. 2109

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

DATE 02/03/21 OPERATOR'S WELL# VISHNU UNIT #1H



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02716 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,268' - ORIGINAL 1,243' - PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER SURFACE OWNER KENNETH TOMBLIN ET AL ACREAGE 290.32 ACRES +/- OIL & GAS ROYALTY OWNER S.A. SMITH AND C.B. MORRIS HEIRS TRUST; HARVEY MILLER; BRC APPALACHIAN MINERALS I LLC; LEASE ACREAGE 290.32 AC +/-; 70 AC +/-; 51.5 AC +/-; ANTERO MINERALS; JOHN E. VALENTOUR ET UX; MARGARET M. BURTON; NILE DEAN HARRIS; GARY A. SOLE; GARY A. SOLE; HERITAGE RESOURCES MARCELLUS 57.75 AC +/-; 80 AC +/-; 40 AC +/-; 53.75 AC +/-; 45.34 AC +/-; 61.82 AC +/-; MINERALS LLC; RALPH D. THACKER; BOUNTY MINERAL LLC; CLARENCE DVANE CLARK ET UX; RICHARD MOORE; STAR FURNITURE CO. OF WEST UNION INC. 39.41 AC +/-; 33 AC +/-; 33 AC +/-; 25 AC +/-; 111.52 AC +/-; 54.7 AC +/- PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER X REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 7,300' TVD 25,300' MD DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD DENVER, CO 80202 CHARLESTON, WV 25313