

LATITUDE 39°32'30"

10,704'

LATITUDE 39°35'00"

11,440' TO BOTTOM HOLE

Antero Resources Corporation Well No. Lemon Unit 2H

NOTES: WELL 2H TOP HOLE INFORMATION: N: 373,284ft E: 1,624,909ft LAT: 39°31'02.15" LON: 80°49'46.59" BOTTOM HOLE INFORMATION: N: 385,400ft E: 1,624,347ft LAT: 39°33'01.80" LON: 80°49'56.05" 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: 4,374,203m E: 514,661m BOTTOM HOLE INFORMATION: N: 4,377,891m E: 514,429m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 14,350,316ft E: 1,688,471ft POINT OF ENTRY INFORMATION: N: 14,351,296ft E: 1,691,508ft BOTTOM HOLE INFORMATION: N: 14,362,417ft E: 1,687,707ft

Table with 3 columns: LINE, BEARING, DISTANCE. Lists lines L1 through L12 with bearings and distances.

PAD LAYOUT

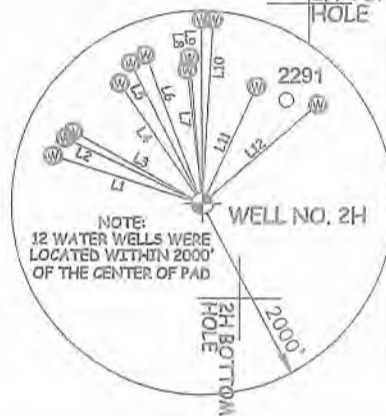


Table listing land parcels A through Y with owner names and acreage. Owners include Jerry R. Brown, Star Furniture Co., Linda K. Loehr, Bountly Minerals, LLC, Ryan Greenlee Et Ux, Richard Moore, Bountly Minerals, LLC, Clarence Duane Clark Et Ux, Brc Appalachian Minerals I Llc, Ralph D. Thacker, Judith A. Ash, Heritage Resources-Marcellus Minerals, Llc, Gary A. Sole, Ridge Top Capital Iv, Lp, Nile Dean Harris, Ridge Top Capital Lp, Brc Appalachian Minerals I Llc, Ridge Top Capital Iv, Lp, Antero Resources Corp., Douglas Scott Funk Sr., and Brc Appalachian Minerals I Llc.

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

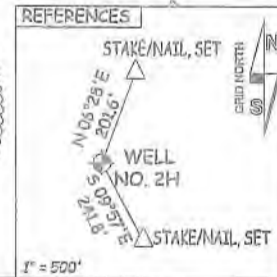
WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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.

- List of surveyors: A-LEEBOY HOWELL, B-D... H-ROBERTO J. FERRELL, I-CHARLES J. FERRELL, J-ROBERTO J. FERRELL, K-SARAH E. PRITHAM, L-RICHARD J. FERRELL.

JOB # 20-008WA, DRAWING # LEMON2HR2, 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. Signature of Thomas Summers, P.S., 2109.



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

DATE 11/04/20 OPERATOR'S WELL# LEMON UNIT #2H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 02704 MOD1 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION ORIGINAL -1,070' PROPOSED -1,042' WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER

SURFACE OWNER KAYLA LEEK ACREAGE 69.06 ACRES +/-

OIL & GAS ROYALTY OWNER RIDGETOP CAPITAL LP; BRC APPALACHIAN MINERALS I L L C LEASE ACREAGE 69.06 AC +/-; 43.5 AC +/-; 16.5 AC +/-; 11.5 AC +/-; 40 AC +/-; 53.75 AC +/-; RIDGETOP CAPITAL IV LP; RIDGETOP CAPITAL IV LP; DOUGLAS SCOTT FUNK SR.; ANTERO RESOURCES CORP.; NILE DEAN HARRIS; 43.5 AC +/-; 60 AC +/-; 59.69 AC +/-; 39.29 AC +/-; 35 AC +/-; GARY A. SOLE; GARY A. SOLE; JUDITH A. ASH; BRC APPALACHIAN MINERALS I L L C; RALPH D. THACKER; CLARENCE DUANNE CLARK ET UX; RICHARD MOORE; RYAN GREENLEE ET UX; LINDA K. LOEHR; STAR FURNITURE CO. OF WEST UNION INC.; JERRY R. BROWN 25 AC +/-; 111.52 AC +/-; 27.49 AC +/-; 32 AC +/-; 60.5 AC +/-; 25 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 7,000' TVD 22,800' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1616 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD

FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

8,889' TO BOTTOM HOLE, LONGITUDE 80°47'30", LONGITUDE 80°47'30"

LATITUDE 39°32'30"

10,704'

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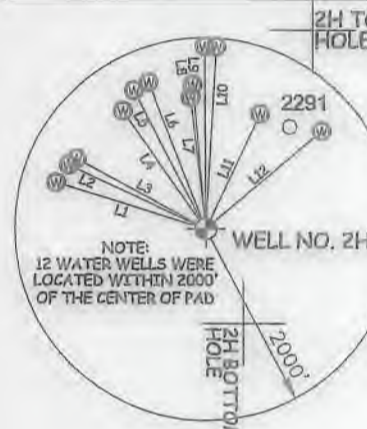
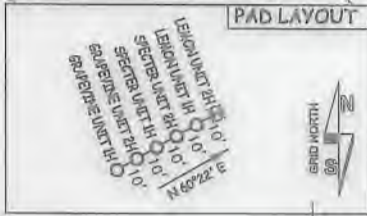


Table listing landowners and acreage: A JERRY R. BROWN 14.5 ACRES±, C STAR FURNITURE CO. OF WEST UNION INC. 80.5 ACRES±, D LINDA K. LOEHR 82 ACRES±, E BOUNTY MINERALS, LLC 38.5 ACRES±, G RYAN GREENLEE ET UX 27.49 ACRES±, H RICHARD MOORE 111.52 ACRES±, I BOUNTY MINERALS, LLC 28.47 ACRES±, J CLARENCE DUANE CLARK ET UX 25 ACRES±, K BRC APPALACHIAN MINERALS I LLC 39.20 ACRES±, L RALPH D. THACKER 35 ACRES±, M JUDITH A. ASH 59.69 ACRES±, N HERITAGE RESOURCES-MARCELLUS MINERALS, LLC 39.41 ACRES±, O GARY A. SOLE 92.5 ACRES±, P GARY A. SOLE 60 ACRES±, Q GARY A. SOLE 45.34 ACRES±, R RIDGETOP CAPITAL IV, LP 43.5 ACRES±, S NILE DEAN HARRIS 53.75 ACRES±, T RIDGETOP CAPITAL LP 69.08 ACRES±, U BRC APPALACHIAN MINERALS I LLC 59.56 ACRES±, V RIDGETOP CAPITAL IV, LP 16.5 ACRES±, W ANTERO RESOURCES CORP. 40 ACRES±, X DOUGLAS SCOTT FUNK SR. 11.5 ACRES±, Y BRC APPALACHIAN MINERALS I LLC 61.73 ACRES±.

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STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

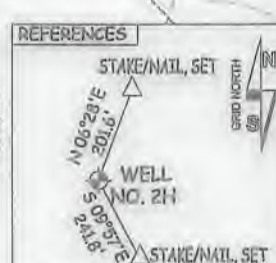
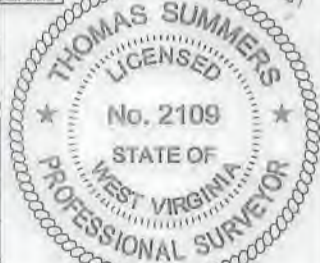
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A-LEE ROY HOWELL D.B. 11/11-41 14.5 AC ± B-ROBERT R. SALES D.B. 11/14-23 23 AC ± C-LEE ROY HOWELL D.B. 11/11-41 14.5 AC ± D-ROBERT R. SALES D.B. 11/14-23 23 AC ± E-ROBERT R. SALES D.B. 11/14-23 23 AC ± F-ROBERT R. SALES D.B. 11/14-23 23 AC ± G-ROBERT R. SALES D.B. 11/14-23 23 AC ± H-ROBERT R. SALES D.B. 11/14-23 23 AC ± I-ROBERT R. SALES D.B. 11/14-23 23 AC ± J-ROBERT R. SALES D.B. 11/14-23 23 AC ± K-ROBERT R. SALES D.B. 11/14-23 23 AC ± L-ROBERT R. SALES D.B. 11/14-23 23 AC ±

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COUNTY NAME

PERMIT