

LATITUDE 39°25'00"

11,212'

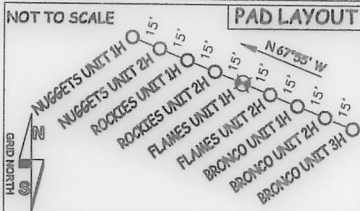
2,851' TO BOTTOM HOLE

LATITUDE 39°27'30"

Antero Resources Corporation Well No. Flames Unit 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 331,249ft E: 1,635,572ft LAT: 39°24'08.25" LON: 80°47'22.83" BOTTOM HOLE INFORMATION: N: 343,066ft E: 1,632,328ft LAT: 39°26'04.58" LON: 80°48'06.34" 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: 4,361,451m E: 518,124m BOTTOM HOLE INFORMATION: N: 4,365,035m E: 517,075m



NOTE: 12 WATER WELLS WERE LOCATED WITHIN 2000' OF THE PROPOSED WELL

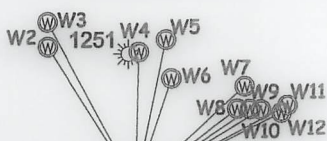
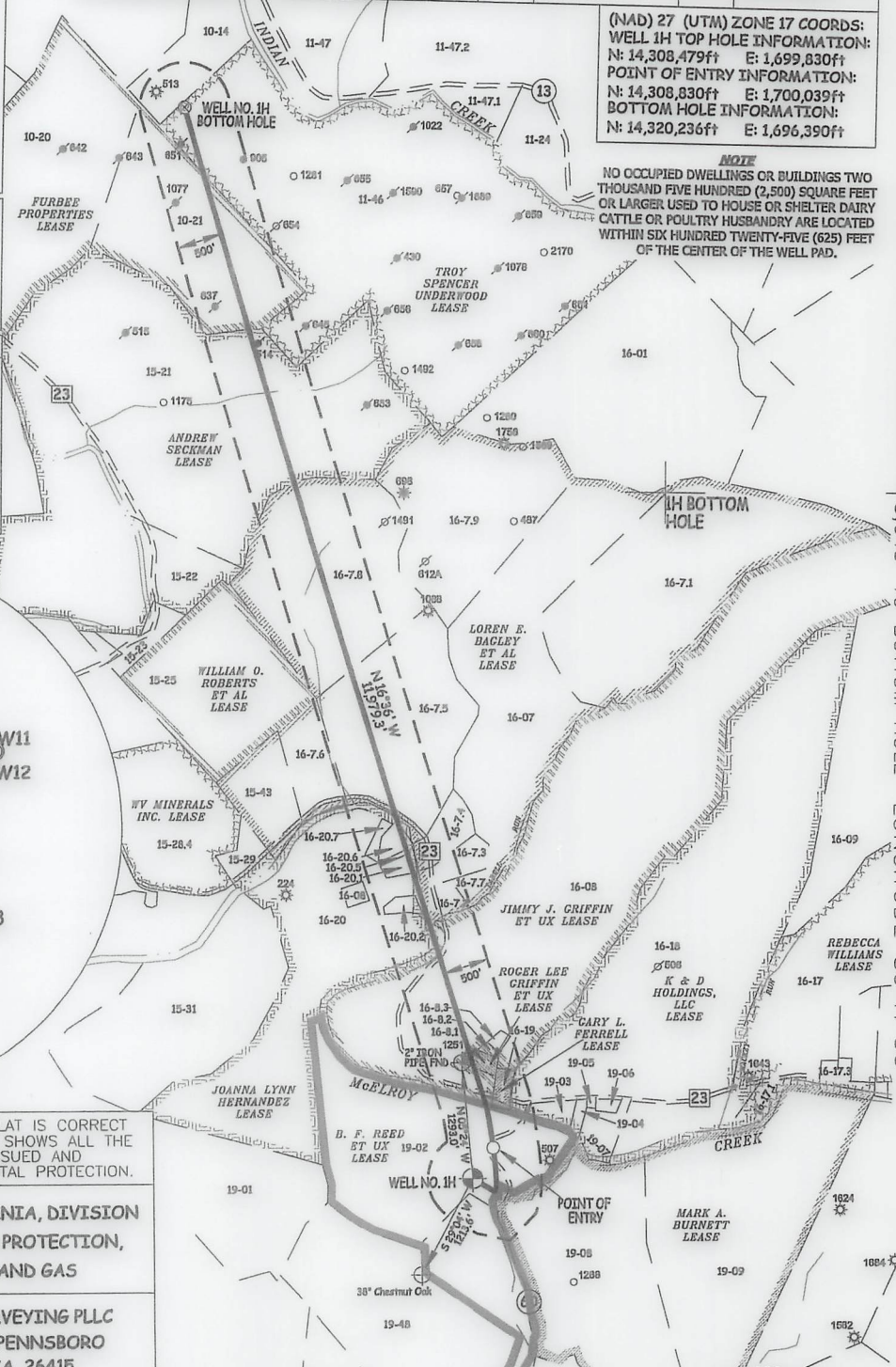


Table with 2 columns: Well ID and Coordinates. W1 N 58°50' E 116.8', W2 N 32°31' W 1699.8', W3 N 28°31' W 1919.4', W4 N 01°31' E 1383.8', W5 N 11°55' E 1540.2', W6 N 18°37' E 1174.6', W7 N 47°54' E 1539.8', W8 N 53°04' E 1332.1', W9 N 58°18' E 1437.9', W10 N 58°55' E 1531.8', W11 N 62°11' E 1795.0', W12 N 63°28' E 1703.7'

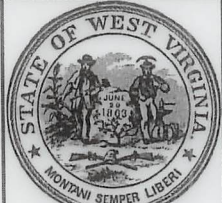
Table with 5 columns: TM-Par, Surface Owner, and well numbers. Lists owners like Mitchell Herrick, Roger Weese, Roger Griffin, etc.

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,308,479ft E: 1,699,830ft POINT OF ENTRY INFORMATION: N: 14,308,830ft E: 1,700,039ft BOTTOM HOLE INFORMATION: N: 14,320,236ft E: 1,696,390ft

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.



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.

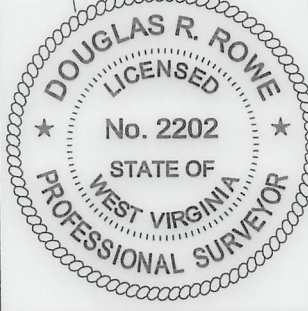
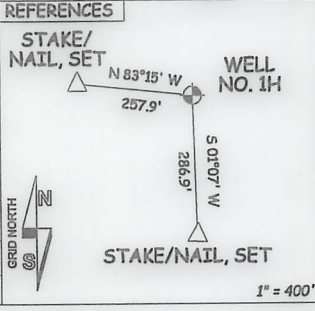


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

JOB # 19-005WA DRAWING # FLAMES 1HR 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 +/-, Existing Fence, Found monument, as noted. Signature: Douglas R. Rowe P.S. 2202 DATE 09/23/19 OPERATOR'S WELL# FLAMES UNIT #1H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02663 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 754' - ORIGINAL 748.5' - PROPOSED WATERSHED McELROY CREEK QUADRANGLE SHIRLEY 7.5' DISTRICT McELROY COUNTY TYLER SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 127.86 ACRES +/- OIL & GAS ROYALTY OWNER B.F. REED ET UX; JIMMY J. GRIFFIN ET UX; ROGER LEE GRIFFIN ET UX; LEASE ACREAGE 130 AC.±; 236 AC.±; 1.46 AC.±; JOANNA LYNN HERNANDEZ; LOREN E. BAGLEY ET AL; ANDREW SECKMAN; 99.5 AC.±; 502.8 AC.±; 300 AC.±; FURBEE PROPERTIES; TROY SPENCER UNDERWOOD 316 AC.±; 257 AC.± PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 19,600' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

WV NORTH ZONE GRID NORTH

5,236'

LONGITUDE 80°45'00"

8,643' TO BOTTOM HOLE LONGITUDE 80°47'30"

COUNTY NAME

PERMIT