

LATITUDE 39°20'00"

8,659'

5,370' TO BOTTOM HOLE

LATITUDE 39°17'30"

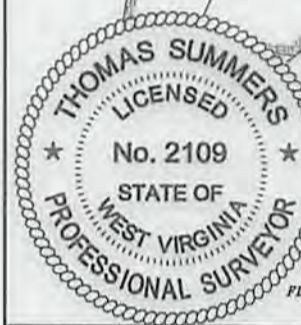
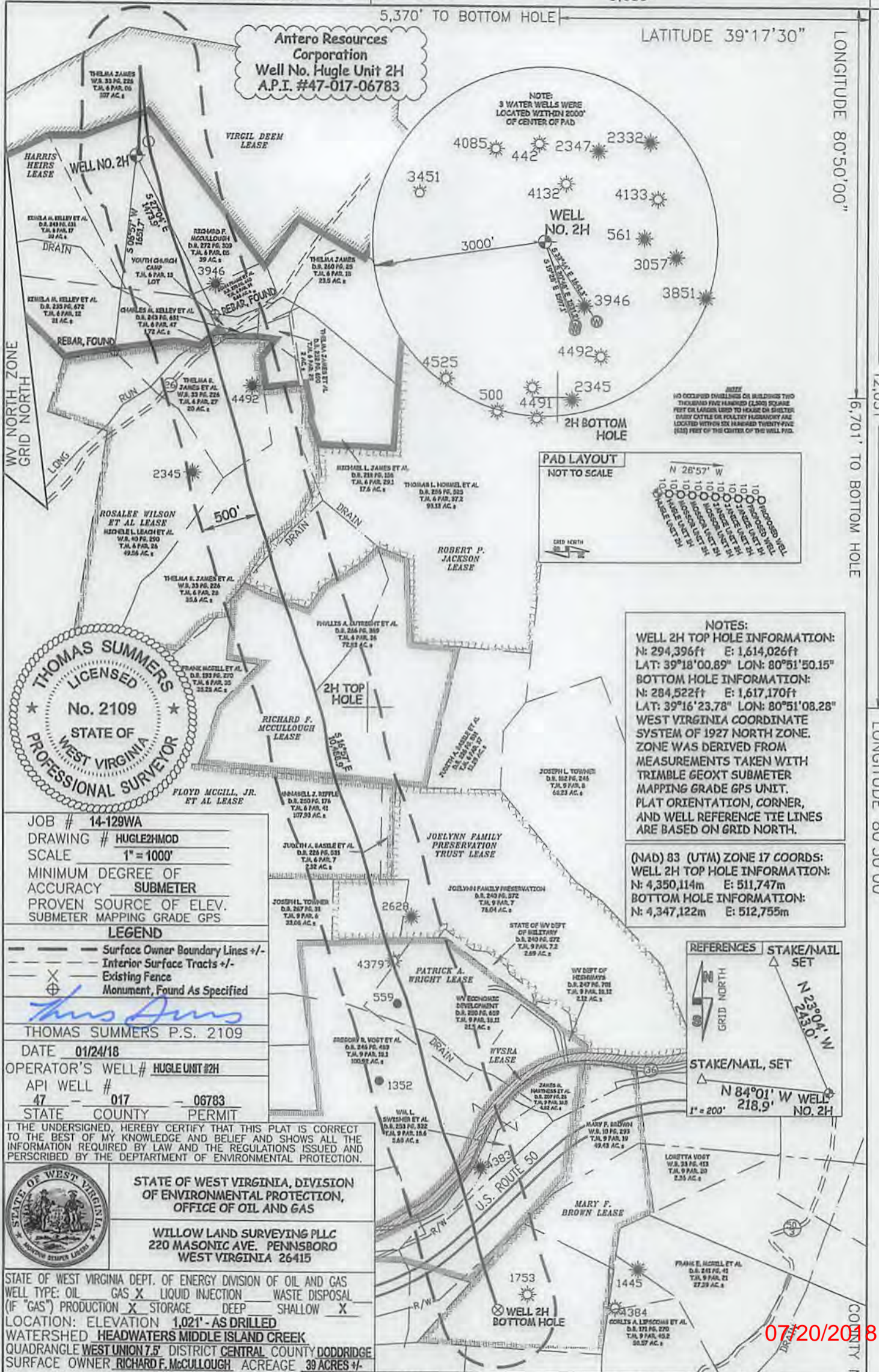
LONGITUDE 80°50'00"

12,051'

LONGITUDE 80°50'00"

COUNTY NAME PERMIT

Antero Resources Corporation  
Well No. Hugel Unit 2H  
A.P.I. #47-017-06783



JOB # 14-129WA  
DRAWING # HUGLE2HMOD  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND  
- - - Surface Owner Boundary Lines +/-  
- - - Interior Surface Tracts +/-  
X Existing Fence  
⊕ Monument, Found As Specified

THOMAS SUMMERS P.S. 2109  
DATE 01/24/18  
OPERATOR'S WELL # HUGLE UNIT #2H  
API WELL # 47-017-06783  
STATE COUNTY PERMIT

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

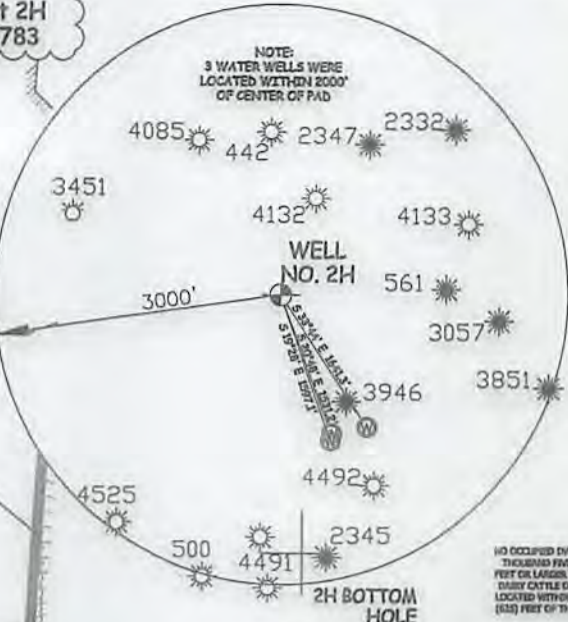


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS  
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
LOCATION: ELEVATION 1,021' - AS DRILLED  
WATERSHED HEADWATERS MIDDLE ISLAND CREEK  
QUADRANGLE WEST UNION 7.5 DISTRICT CENTRAL COUNTY DODDRIDGE  
SURFACE OWNER RICHARD F. McCULLOUGH ACREAGE 39 ACRES +/-

OIL & GAS ROYALTY OWNER HARRIS HEIRS; VIRGIL DEEM; ROSALEE WILSON ET AL; ROBERT P. JACKSON; LEASE ACREAGE 217 AC±; 107 AC±; 100 AC±; 94 AC±;  
RICHARD F. McCULLOUGH; FLOYD MCGILL, JR. ET AL; JOE LYNN FAMILY PRESERVATION TRUST; PATRICK A WRIGHT; WVSRA; MARY F. BROWN 72.83 AC±; 107 AC±; 78.04 AC±; 222 AC±; 301.19 AC±; 55.05 AC±  
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE  
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL  
(SPECIFY) MOD POE PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,569' TVD 17,466' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER-CT CORPORATION SYSTEM  
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

NOTE: 3 WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF PAD



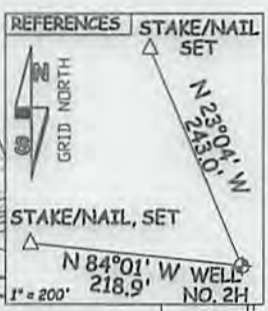
NOTE: NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,000) SQUARE FEET OR LARGER USED TO HOUSE OR SHEDDLE CATTLE OR HORSEY FEEDSTOCK ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

PAD LAYOUT NOT TO SCALE



NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 294,396ft E: 1,614,026ft  
LAT: 39°18'00.89" LON: 80°51'50.15"  
BOTTOM HOLE INFORMATION:  
N: 284,522ft E: 1,617,170ft  
LAT: 39°16'23.78" LON: 80°51'08.28"  
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: 4,350,114m E: 511,747m  
BOTTOM HOLE INFORMATION:  
N: 4,347,122m E: 512,755m



07/20/2018