

LATITUDE 39°15'00" | -1,320'

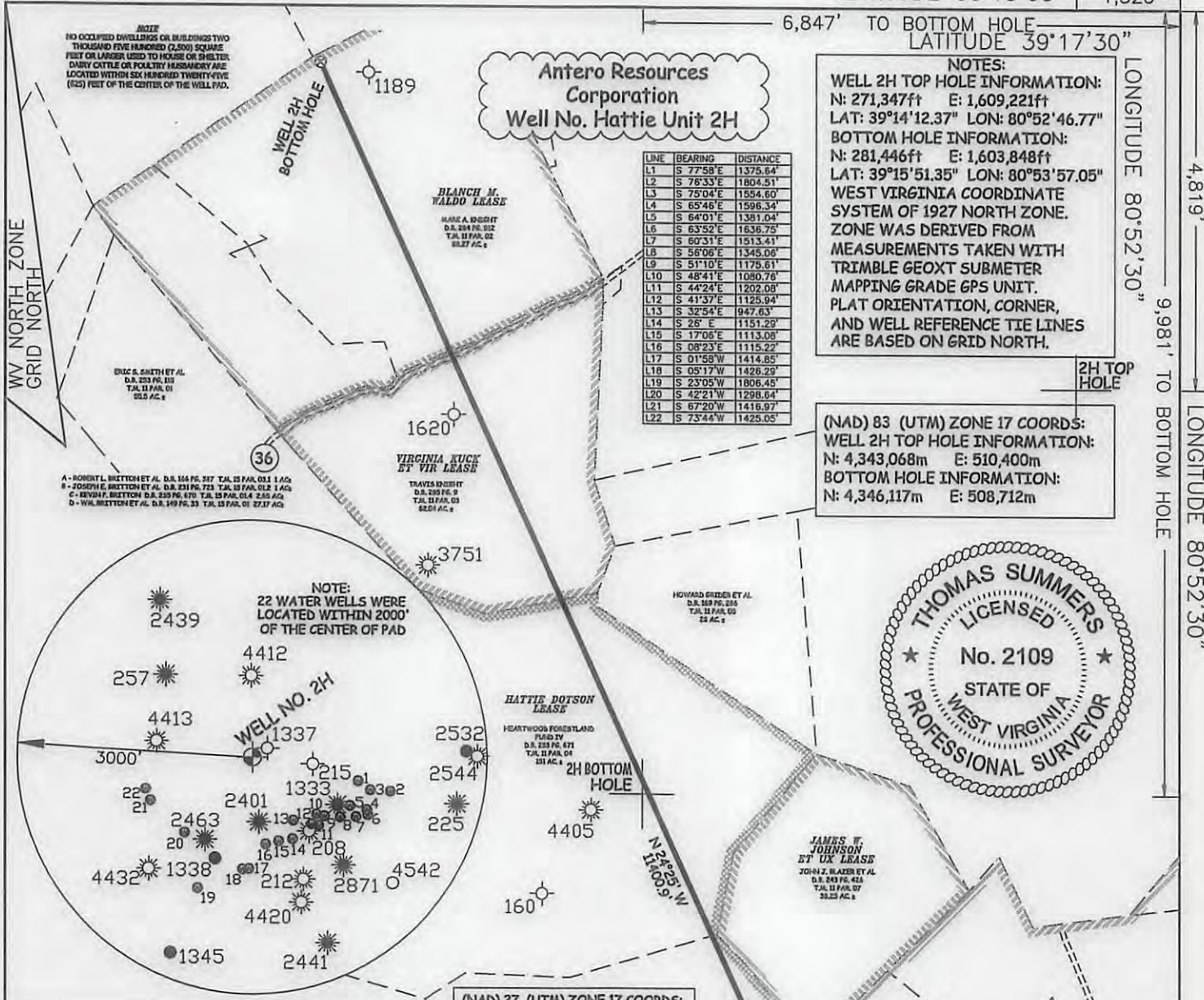
6,847' TO BOTTOM HOLE
LATITUDE 39°17'30"

LONGITUDE 80°52'30"

9,981' TO BOTTOM HOLE

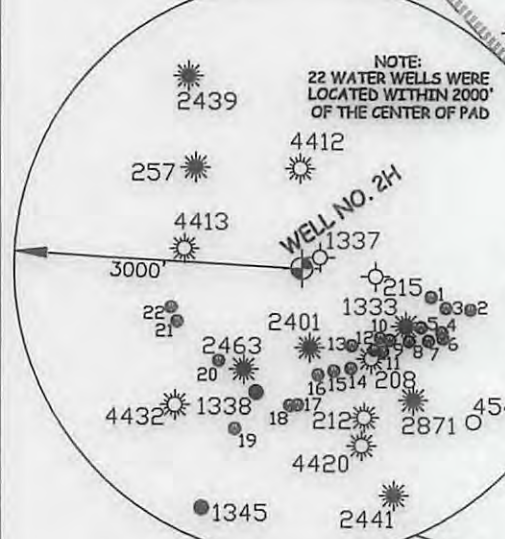
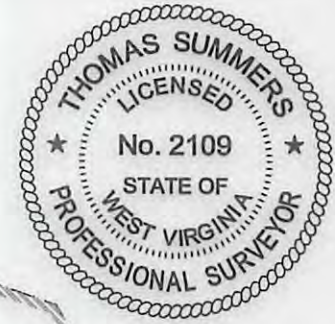
4,819'

LONGITUDE 80°52'30"

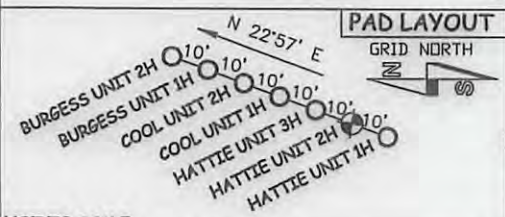


NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 271,347ft E: 1,609,221ft
 LAT: 39°14'12.37" LON: 80°52'46.77"
 BOTTOM HOLE INFORMATION:
 N: 281,446ft E: 1,603,848ft
 LAT: 39°15'51.35" LON: 80°53'57.05"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,343,068m E: 510,400m
 BOTTOM HOLE INFORMATION:
 N: 4,346,117m E: 508,712m



(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 14,248,167ft E: 1,674,491ft
 POINT OF ENTRY INFORMATION:
 N: 14,247,874ft E: 1,673,836ft
 BOTTOM HOLE INFORMATION:
 N: 14,258,171ft E: 1,668,953ft



NOT TO SCALE

LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Existing Fence
- Iron Pipe, Found

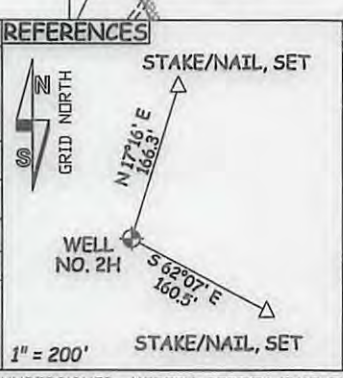
THOMAS SUMMERS P.S. 2109

DATE 03/28/17

OPERATOR'S WELL# HATTIE UNIT #2H

API WELL # 47 - 017 - 06836

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 RULES 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



JOB # 14-093WA

DRAWING # HATTIE2HR3

SCALE 1" = 1000'

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 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X

LOCATION: ELEVATION 1,108' ORIGINAL - 1,095' PROPOSED WATERSHED NORTH FORK HUGHES RIVER QUADRANGLE PULLMAN 7.5' (TH) PENNSBORO 7.5' (BH) DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER STANLEY WEBB ET AL ACREAGE 59.18 ACRES +/-

OIL & GAS ROYALTY OWNER RALPH LEGGETT ET UX; HAROLD BURGESS ET UX; I.L. MORRIS; LEASE ACREAGE 75 ACRES +/-; 43.5 ACRES +/-; 26 ACRES +/-

GERALDINE WILLARD; HATTIE DOTSON; VIRGINIA KUCK ET VIR; BLANCH M. WALDO 131.5 ACRES +/-; 240 ACRES +/-; 56 ACRES +/-; 95 ACRES +/-

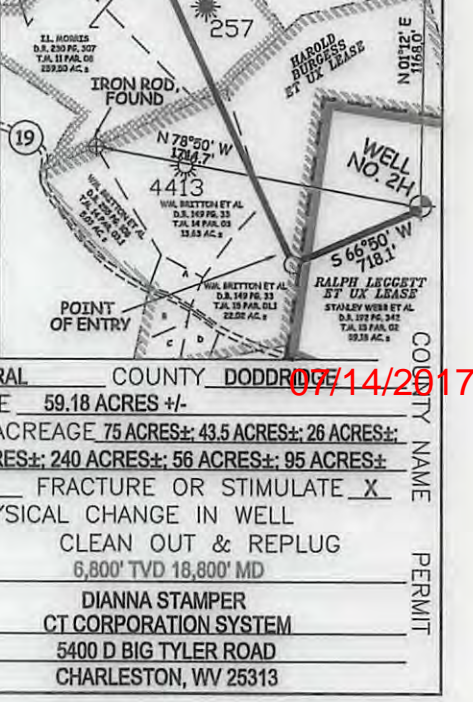
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 18,800' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM

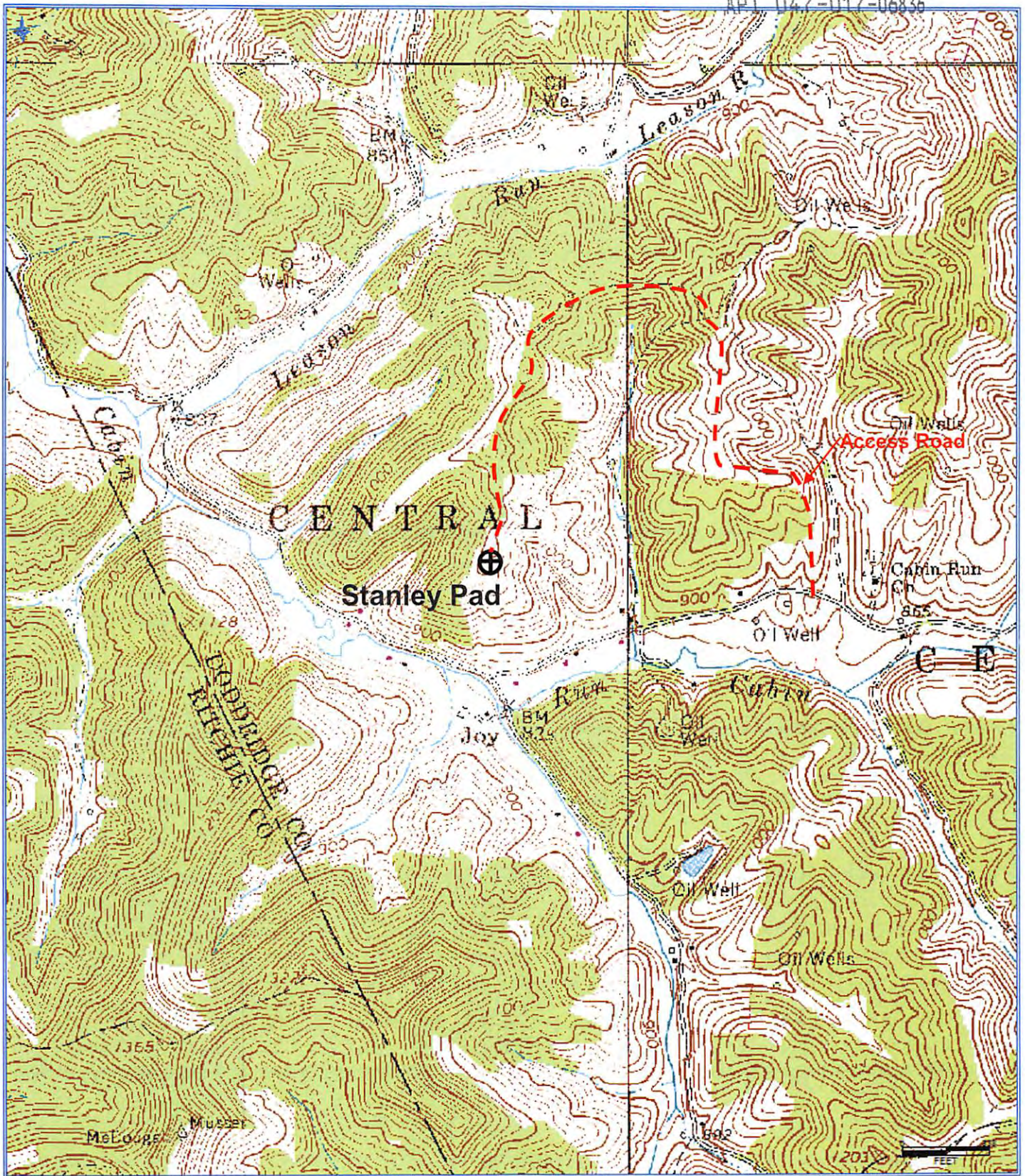
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD

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



07/14/2017

COUNTY NAME PERMIT



Antero Resources Corporation
 Office of Oil and Gas
 Appalachian Basin
 Hattie Unit 2H APR 11 2017
 Doddridge County
 WV Department of
 Environmental Protection
 RECEIVED
 07/14/2017
 Quadrangle: Pullman 7.5'
 Watershed: North Fork Hughes River
 District: Central
 Date: 3-12-2015