

LATITUDE 39°15'00"

6,256' TO BOTTOM HOLE

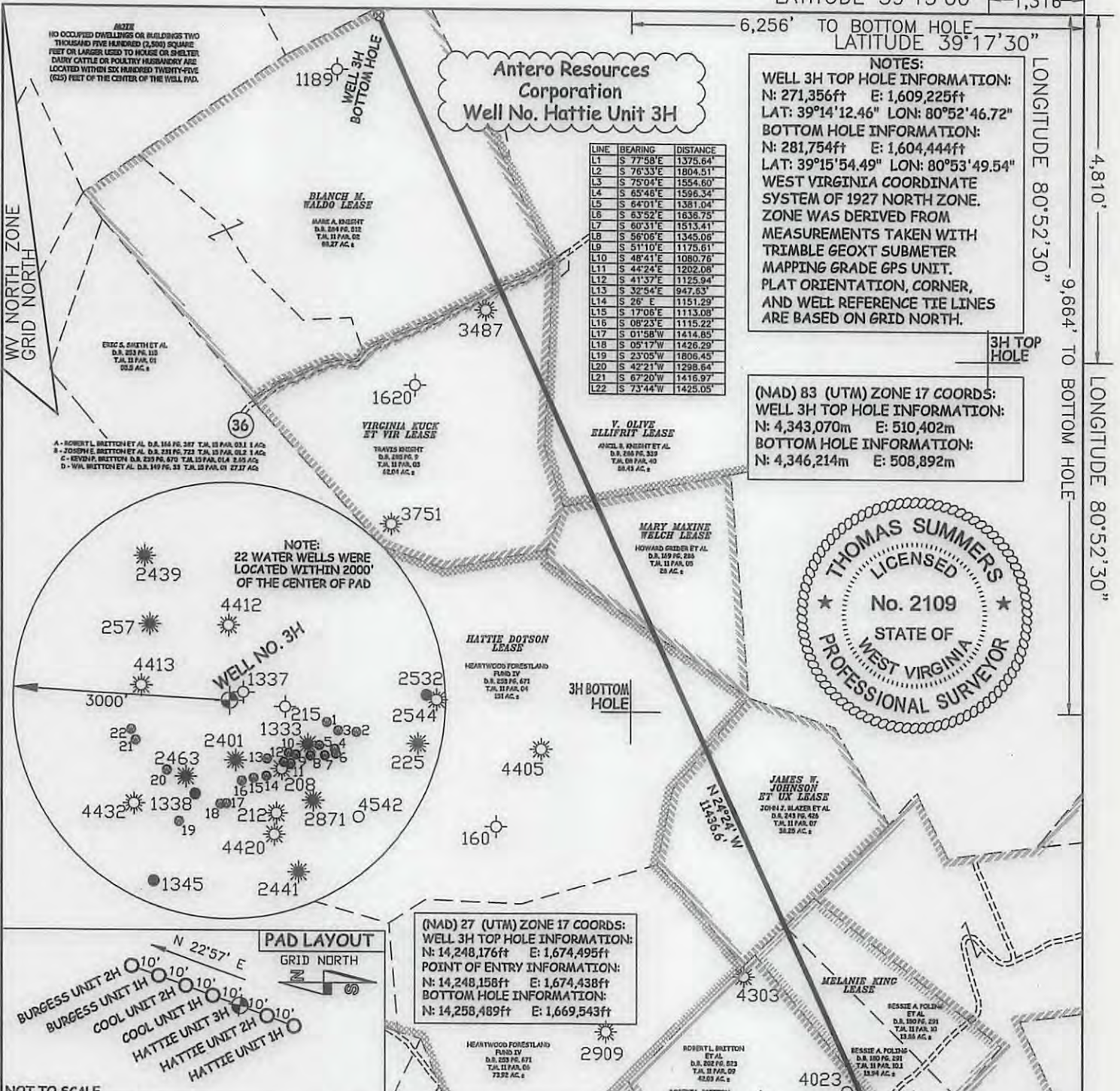
LATITUDE 39°17'30"

LONGITUDE 80°52'30"

4,810'

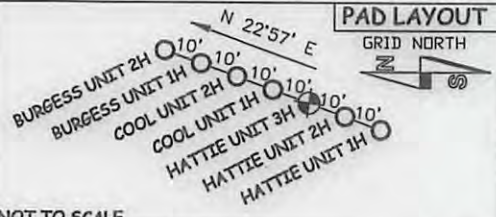
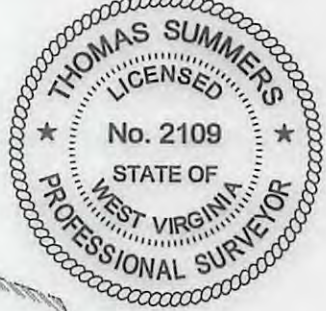
9,664' TO BOTTOM HOLE

LONGITUDE 80°52'30"



NOTES:
 WELL 3H TOP HOLE INFORMATION:
 N: 271,356ft E: 1,609,225ft
 LAT: 39°14'12.46" LON: 80°52'46.72"
 BOTTOM HOLE INFORMATION:
 N: 281,754ft E: 1,604,444ft
 LAT: 39°15'54.49" LON: 80°53'49.54"
 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 3H TOP HOLE INFORMATION:
 N: 4,343,070m E: 510,402m
 BOTTOM HOLE INFORMATION:
 N: 4,346,214m E: 508,892m



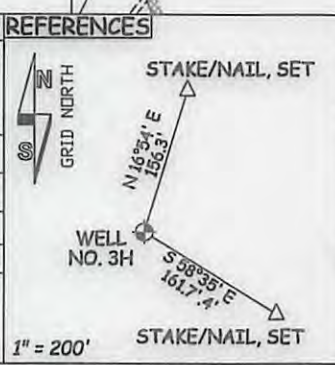
(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 3H TOP HOLE INFORMATION:
 N: 14,248,176ft E: 1,674,495ft
 POINT OF ENTRY INFORMATION:
 N: 14,248,158ft E: 1,674,438ft
 BOTTOM HOLE INFORMATION:
 N: 14,258,489ft E: 1,669,543ft

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 #3H
 API WELL # 47 - 017 - 06837
 STATE COUNTY PERMIT



JOB # 14-093WA
 DRAWING # HATTIE3HR1
 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

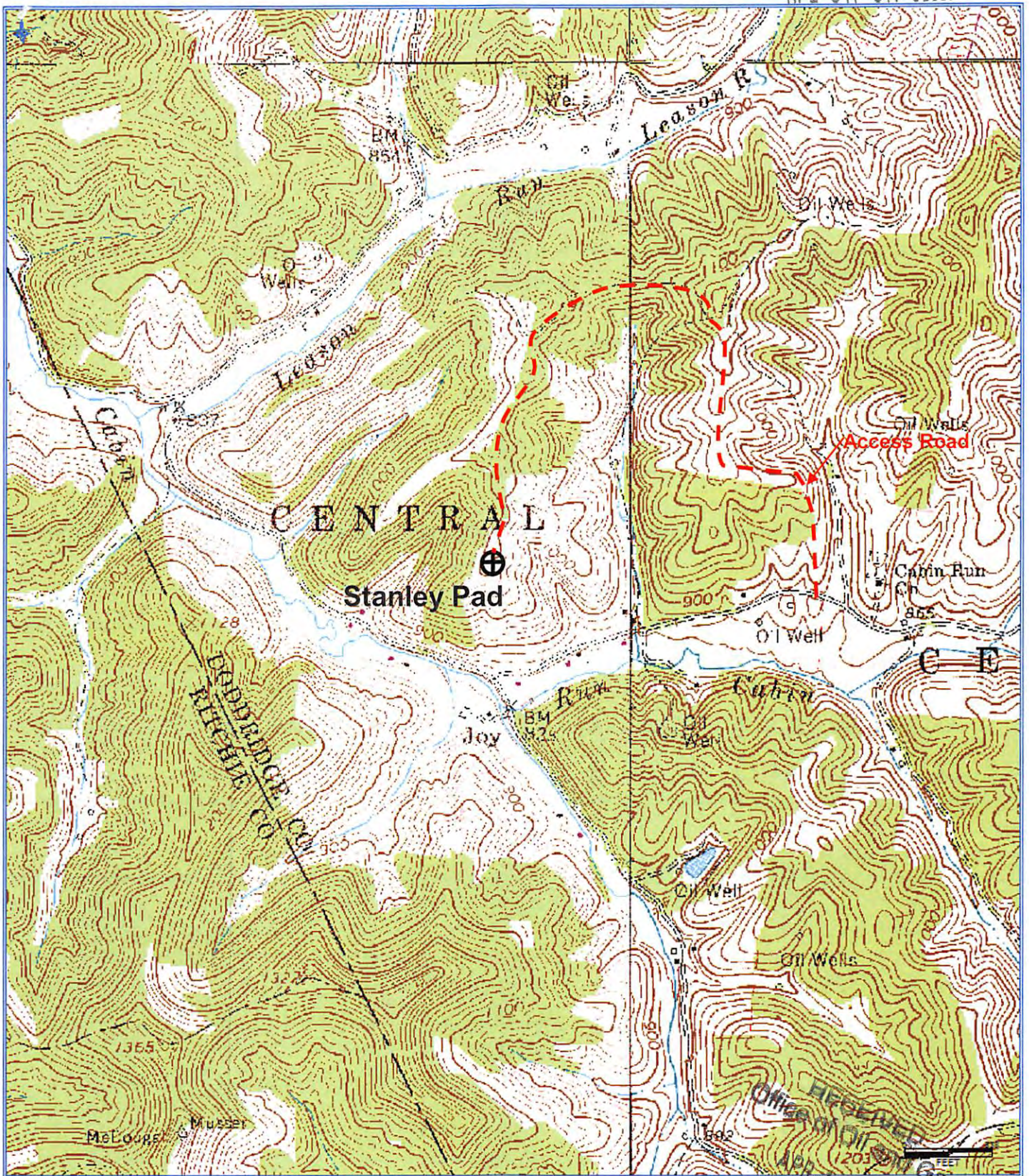
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

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



SURFACE OWNER STANLEY WEBB ET AL ACREAGE 59.18 ACRES +/-
 OIL & GAS ROYALTY OWNERRALPH LEGGETT ET UX; HAROLD BURGESS ET UX; I.L. MORRIS; LEASE ACREAGE 75 ACRES±; 43.5 ACRES±; 26 ACRES±;
 GERALDINE WILLARD; MELANIE KING; HATTIE DOTSON; JAMES W. JOHNSON ET UX; MARY MAXINE WELCH; V. OLIVE ELLIFRIT; VIRGINIA KUCK ET VIR; BLANCH M. WALDO 131.5 ACRES±; 30 ACRES±; 240 ACRES±; 30.8 ACRES±; 30 ACRES±; 130 ACRES±; 55 ACRES±; 15 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) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 18,800' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

07/14/2017



Antero Resources Corporation
 WV Department of
 Appalachian Basin
 Hattie Unit 3H
 Doddridge County
 Quadrangle: Pullman 7.5'
 Watershed: North Fork Hughes River
 District: Central
 Date: 3-12-2015

07/14/2017