

LATITUDE 39°20'00"

2,434'

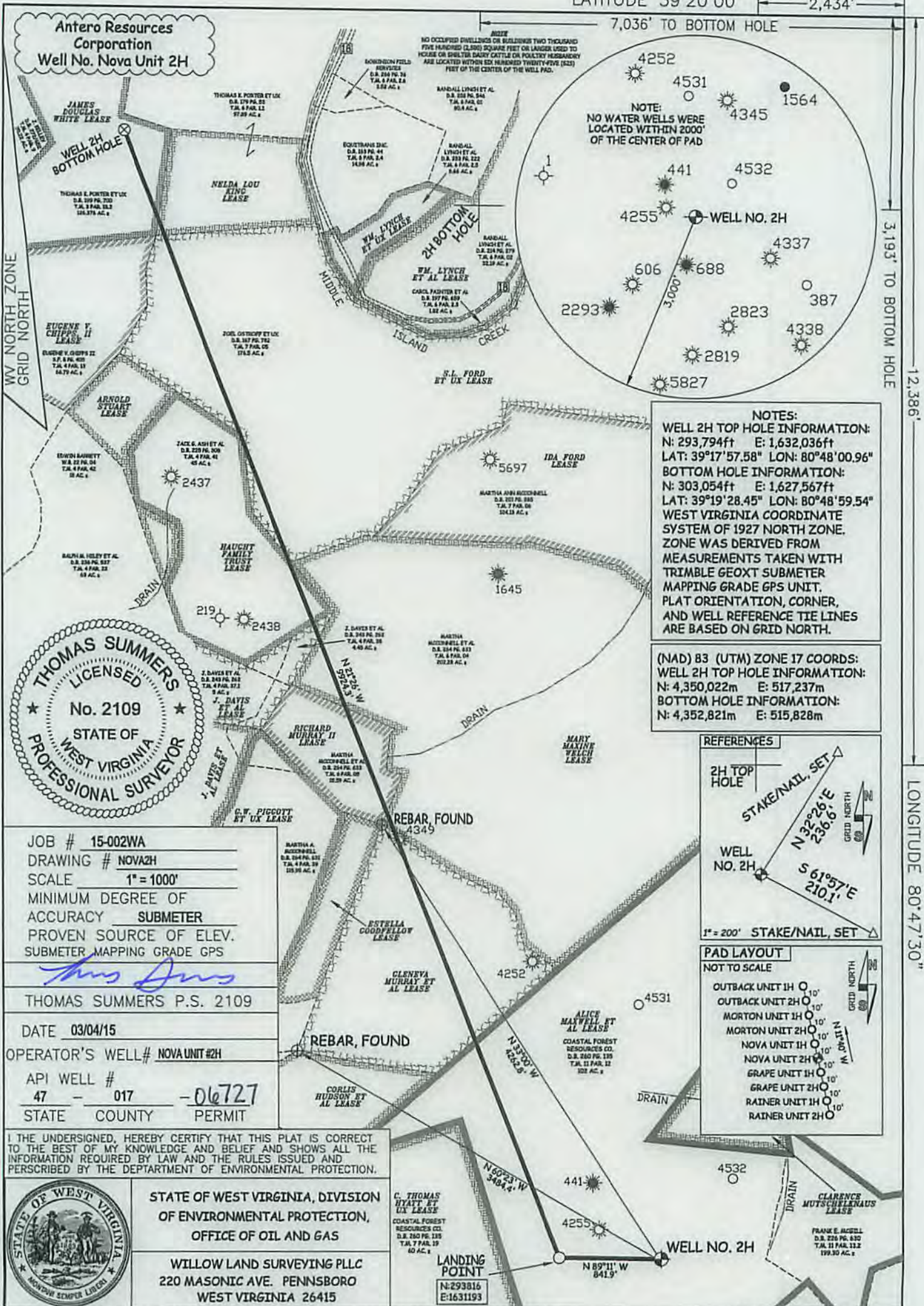
7,036' TO BOTTOM HOLE

3,193' TO BOTTOM HOLE

12,386'

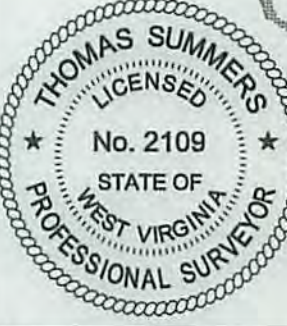
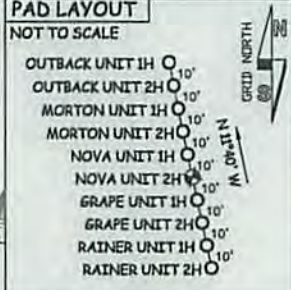
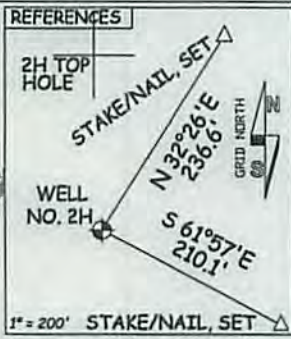
LONGITUDE 80°47'30"

Antero Resources Corporation Well No. Nova Unit 2H



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 293,794ft E: 1,632,036ft
 LAT: 39°17'57.58" LON: 80°48'00.96"
 BOTTOM HOLE INFORMATION:
 N: 303,054ft E: 1,627,567ft
 LAT: 39°19'28.45" LON: 80°48'59.54"
 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 2H TOP HOLE INFORMATION:
 N: 4,350,022m E: 517,237m
 BOTTOM HOLE INFORMATION:
 N: 4,352,821m E: 515,828m



JOB # 15-002WA
 DRAWING # NOV2H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 THOMAS SUMMERS P.S. 2109
 DATE 03/04/15
 OPERATOR'S WELL# NOVA UNIT #2H
 API WELL # 47 - 017 - 06727
 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 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

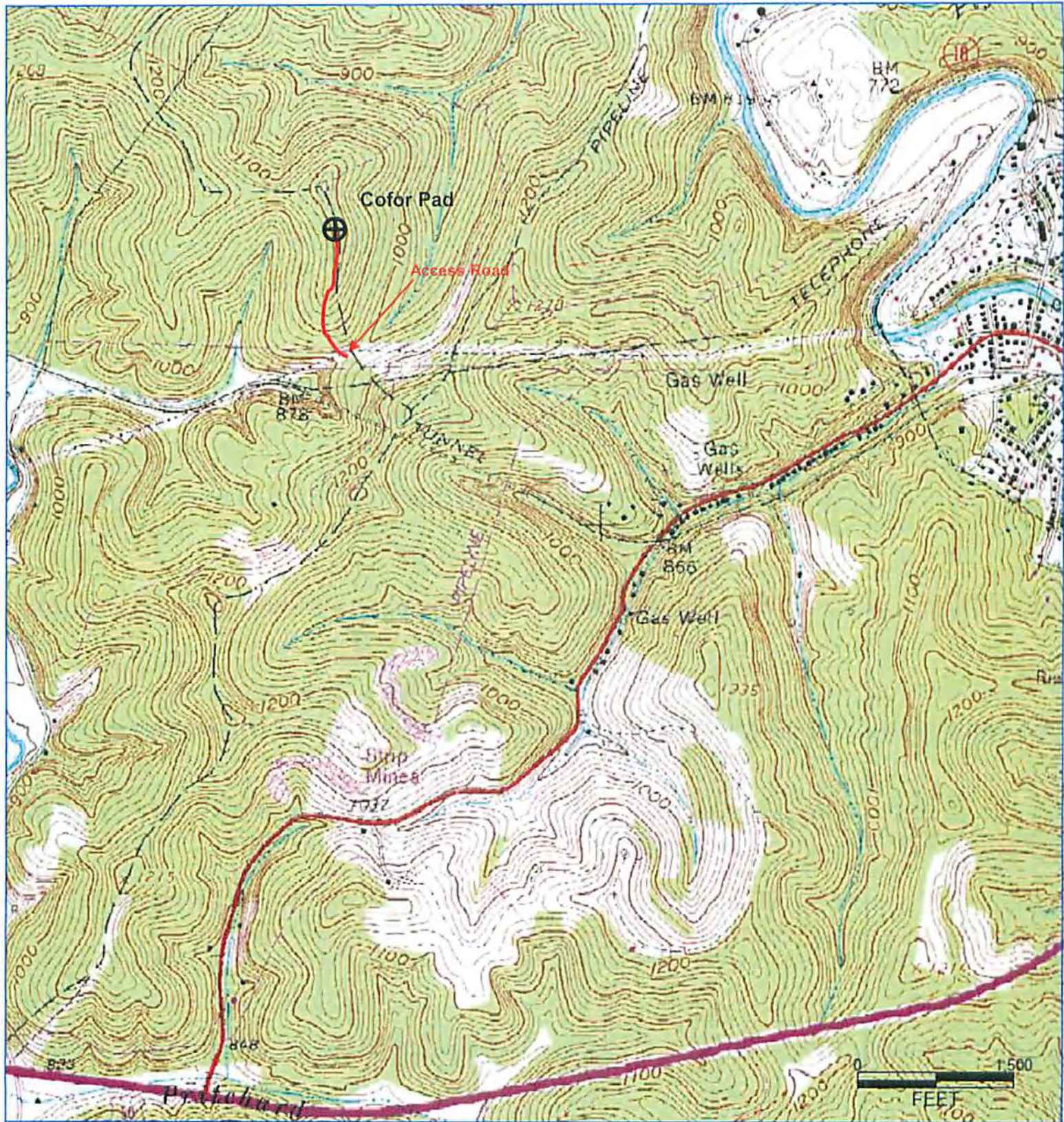
C. THOMAS HYATT ET UX LEASE
 COASTAL FOREST RESOURCES CO.
 D.B. 260 PG. 119 T.A. 7 PAR. 15 60 AC ±
 LANDING POINT
 N:293816 E:1631193

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: ORIGINAL GROUND ELEVATION 1,220' PAD ELEVATION 1,189'
 WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE WEST UNION 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE
 SURFACE OWNER COASTAL FOREST RESOURCES COMPANY ACREAGE 102 ACRES +/-
 OIL & GAS ROYALTY OWNER ALICE MAXWELL ET AL; LEASE ACREAGE 420 AC ±;
 GLENEVA MURRAY ET AL; MARY MAXINE WELCH; RICHARD MURRAY II; J. DAVIS ET AL; 125 AC ±; 202 AC ±; 14.5 AC ±; 12.6 AC ±;
 HAUGHT FAMILY TRUST; S. L. FORD ET UX; NELDA LOU KING; JAMES DOUGLAS WHITE 45 AC ±; 180 AC ±; 20.25 AC ±; 150 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 7,900' TVD 19,000' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

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

COUNTY NAME PERMIT

05/29/2015



RECEIVED
Office of Oil and Gas

Antero Resources Corporation
 Appalachian Basin
 Nova Unit 2H
 Doddridge County

MAR 17 2015
 WV Department of
 Environmental Protection

Quadrangle: West Union 7.5'
 Watershed: Headwaters Middle Island Creek
 District: West Union
 Date: 4-01-2014