

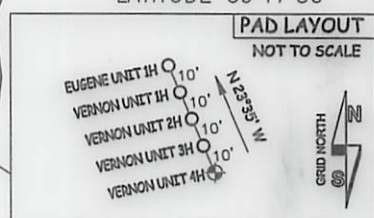
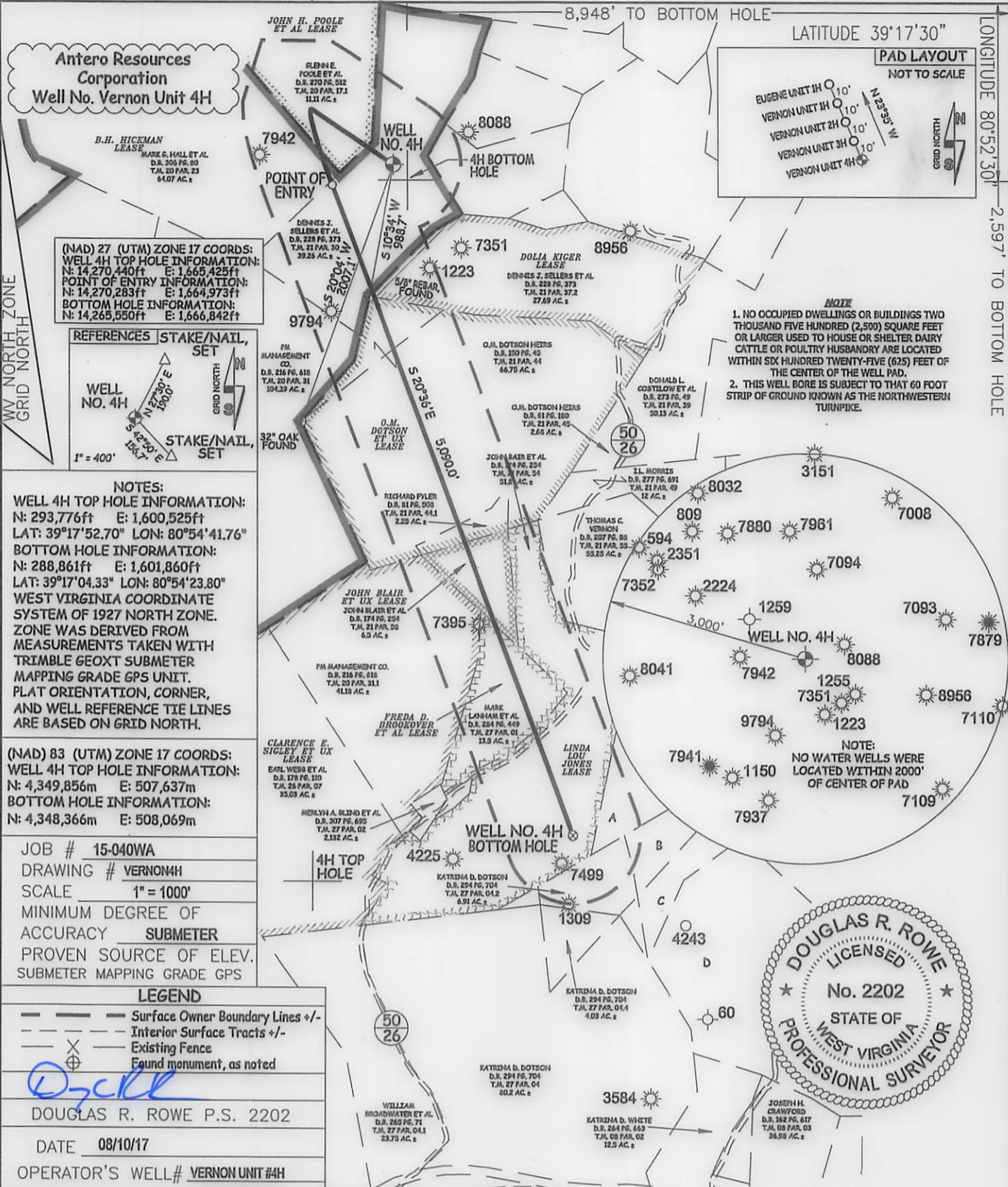
LATITUDE 39°20'00" 10,358'

LATITUDE 39°17'30"

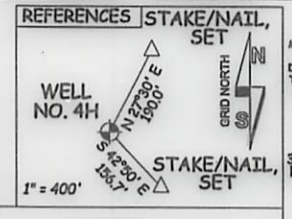
LONGITUDE 80°52'30" 2,597' TO BOTTOM HOLE

12,880'

LONGITUDE 80°52'30"



(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 4H TOP HOLE INFORMATION:
 N: 14,270,440ft E: 1,665,425ft
 POINT OF ENTRY INFORMATION:
 N: 14,270,283ft E: 1,664,973ft
 BOTTOM HOLE INFORMATION:
 N: 14,265,550ft E: 1,666,842ft



NOTE
 1. 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.
 2. THIS WELL BORE IS SUBJECT TO THAT 60 FOOT STRIP OF GROUND KNOWN AS THE NORTHWESTERN TURNPIKE.

NOTE:
 NO WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF PAD

NOTES:
 WELL 4H TOP HOLE INFORMATION:
 N: 293,776ft E: 1,600,525ft
 LAT: 39°17'52.70" LON: 80°54'41.76"
 BOTTOM HOLE INFORMATION:
 N: 288,861ft E: 1,601,860ft
 LAT: 39°17'04.33" LON: 80°54'23.80"
 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 4H TOP HOLE INFORMATION:
 N: 4,349,856m E: 507,637m
 BOTTOM HOLE INFORMATION:
 N: 4,348,366m E: 508,069m

JOB # 15-040WA
 DRAWING # VERNON4H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Existing Fence
- Found monument, as noted

DOUGLAS R. ROWE P.S. 2202
 DATE 08/10/17
 OPERATOR'S WELL# VERNON UNIT #4H

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

EQUITABLE RESOURCES INC.
 D.B. 245 PG. 661
 T.J.L. 05 PAR. 44
 62.13 AC.±

A - THOMAS C. VERNON D.B. 207 PG. 88 T.J.L. 21 PAR. 25 58.25 AC.±
 B - KATRINA DOTSON D.B. 294 PG. 704 T.J.L. 27 PAR. 4.3 5.17 AC.±
 C - KATRINA DOTSON D.B. 294 PG. 704 T.J.L. 27 PAR. 4.5 5.43 AC.±
 D - KATRINA DOTSON D.B. 264 PG. 663 T.J.L. 9 PAR. 6 29.71 AC.±

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

API WELL # 47 - 085 - 10328

STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1,208' ORIGINAL - 1,185' PROPOSED WATERSHED NORTH FORK HUGHES RIVER
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER DENNIS J. SELLERS ET AL ACREAGE 39.26 ACRES +/-
 OIL & GAS ROYALTY OWNER B.H. HICKMAN; JOHN H. POOLE ET AL; DOLIA KIGER;
 O.M. DOTSON ET UX; JOHN BLAIR ET UX; FRED A. BROOKOVER ET AL; LINDA LOU JONES

LEASE ACREAGE 400 AC.±; 75 AC.±; 40 AC.±; 70 AC.±; 6.5 AC.±; 13.5 AC.±; 49,906 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 WELLS (SPECIFY) ___
 PLUG & ABANDON ___ CLEAN OUT & REPLUG ___

TARGET FORMATION BURKETT ESTIMATED DEPTH 6,500' TVD 11,900' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

