

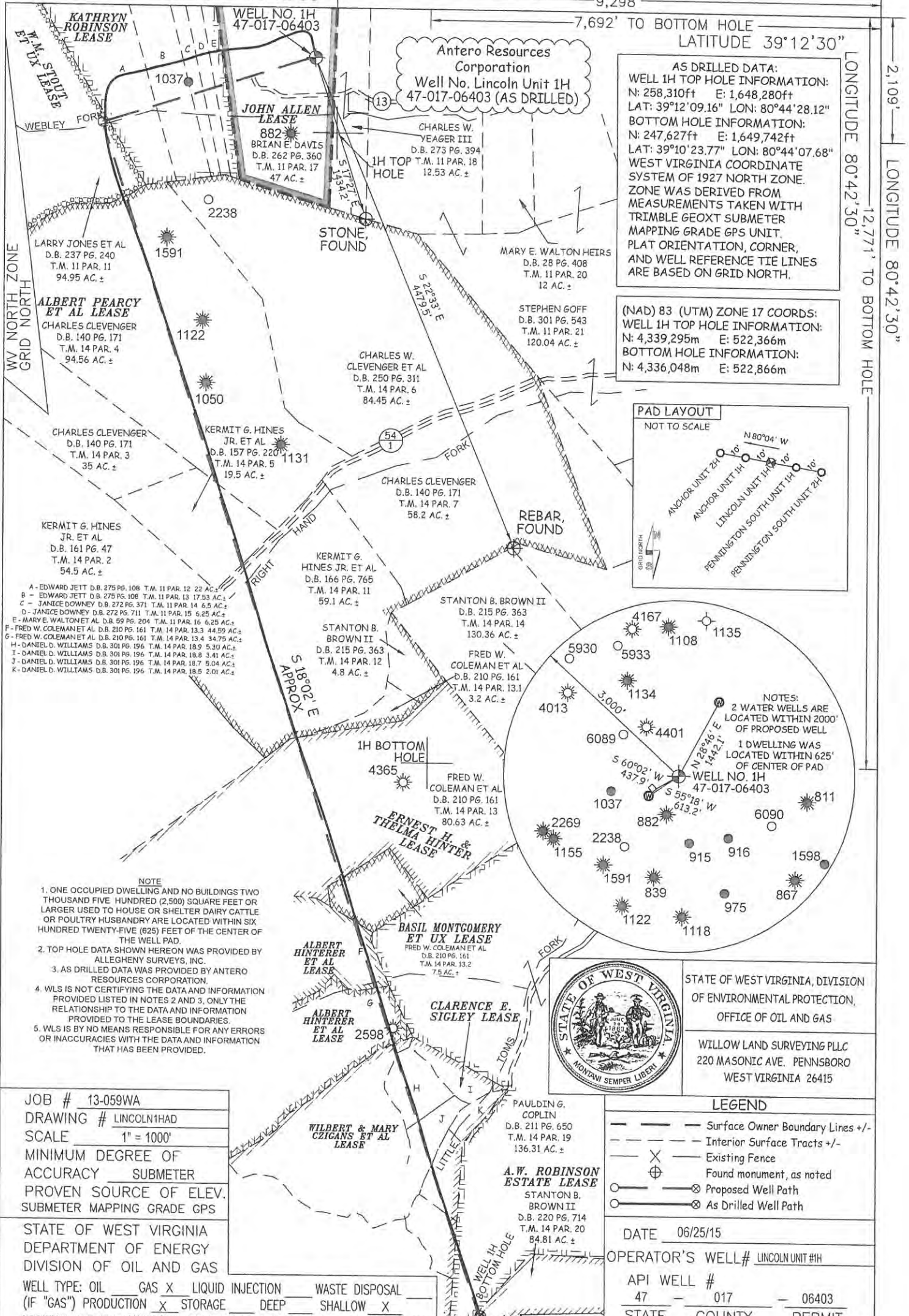
LATITUDE 39°12'30"

9,298'

7,692' TO BOTTOM HOLE  
LATITUDE 39°12'30"

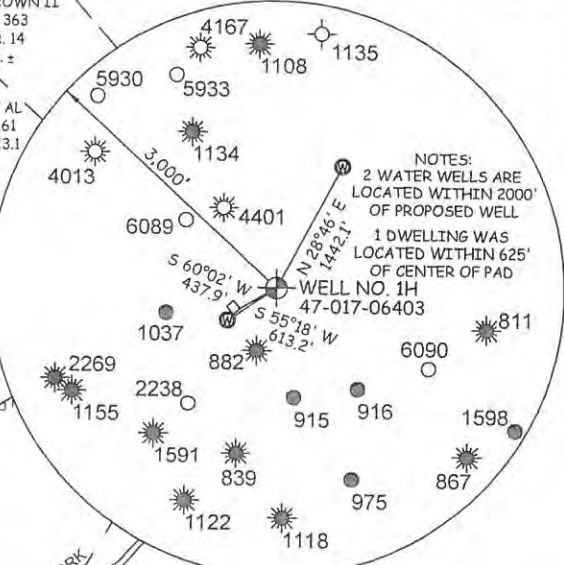
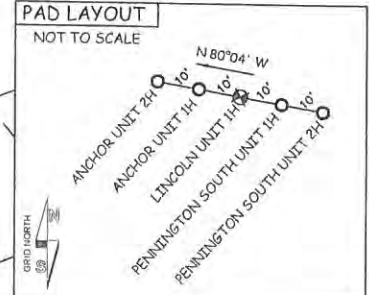
LONGITUDE 80°42'30"  
12,771' TO BOTTOM HOLE  
LONGITUDE 80°42'30"

2,109'



**AS DRILLED DATA:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 258,310ft E: 1,648,280ft  
 LAT: 39°12'09.16" LON: 80°44'28.12"  
**BOTTOM HOLE INFORMATION:**  
 N: 247,627ft E: 1,649,742ft  
 LAT: 39°10'23.77" LON: 80°44'07.68"  
 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 1H TOP HOLE INFORMATION:**  
 N: 4,339,295m E: 522,366m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,336,048m E: 522,866m



- A - EDWARD JETT D.B. 275 PG. 108 T.M. 11 PAR. 12 22 AC.±
- B - EDWARD JETT D.B. 275 PG. 108 T.M. 11 PAR. 13 17.53 AC.±
- C - JANICE DOWNEY D.B. 272 PG. 371 T.M. 11 PAR. 14 6.5 AC.±
- D - JANICE DOWNEY D.B. 272 PG. 711 T.M. 11 PAR. 15 6.25 AC.±
- E - MARY E. WALTON ET AL D.B. 59 PG. 204 T.M. 11 PAR. 16 6.25 AC.±
- F - FRED W. COLEMAN ET AL D.B. 210 PG. 161 T.M. 14 PAR. 13.3 44.59 AC.±
- G - FRED W. COLEMAN ET AL D.B. 210 PG. 161 T.M. 14 PAR. 13.4 34.75 AC.±
- H - DANIEL D. WILLIAMS D.B. 301 PG. 196 T.M. 14 PAR. 18.9 5.30 AC.±
- I - DANIEL D. WILLIAMS D.B. 301 PG. 196 T.M. 14 PAR. 18.8 3.41 AC.±
- J - DANIEL D. WILLIAMS D.B. 301 PG. 196 T.M. 14 PAR. 18.7 5.04 AC.±
- K - DANIEL D. WILLIAMS D.B. 301 PG. 196 T.M. 14 PAR. 18.5 2.01 AC.±

- NOTE**
1. ONE OCCUPIED DWELLING AND NO 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. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
  3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
  4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
  5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



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 # 13-059WA  
 DRAWING # LINCOLN1HAD  
 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  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1,065' ORIGINAL - 1,060' AS DRILLED. WATERSHED HEADWATERS MIDDLE ISLAND CREEK

QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE  
 SURFACE OWNER BRIAN E. DAVIS ACREAGE 47 ACRES +/-  
 OIL & GAS ROYALTY OWNER JOHN ALLEN; KATHRYN ROBINSON; W.M. STOUT ET UX; ALBERT PEARCY ET AL; ERNEST H. & THELMA HINTER; BASIL MONTGOMERY ET UX; ALBERT HINTERER ET AL; ALBERT HINTERER ET AL; CLARENCE E. SIGLEY; WILBERT & MARY CZIGANS ET AL; A.W. ROBINSON ESTATE LEASE ACREAGE 47 ACRES±; 59 ACRES±; 340 ±; 375 ACRES±; 80.63 AC±; 7.5 AC±; 44.5 AC±; 34 AC±; 150 AC±; 136AC±; 91 AC±  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  AS DRILLED  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,869' TVD 17,908' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM  
DENVER, CO 80202 5400 D BIG TYLER ROAD  
CHARLESTON, WV 25313

**LEGEND**

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- X Existing Fence
- ⊕ Found monument, as noted
- Proposed Well Path
- ⊗ As Drilled Well Path

DATE 06/25/15  
 OPERATOR'S WELL# LINCOLN UNIT #1H  
 API WELL # 47 - 017 - 06403  
 STATE WV COUNTY DODDRIDGE PERMIT