

LATITUDE 39°20'00"

5,607'

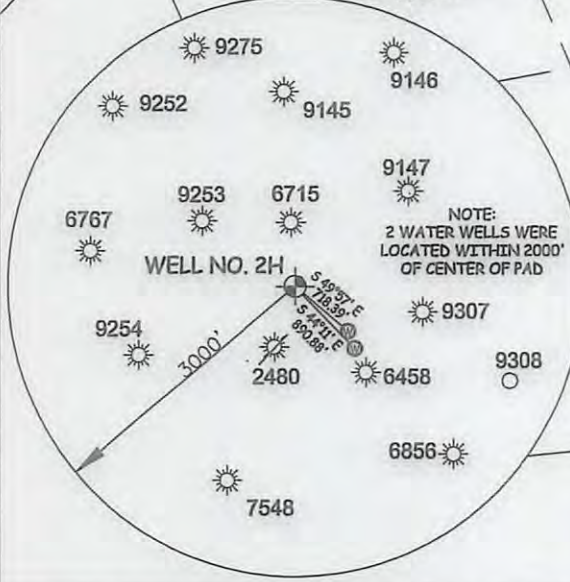
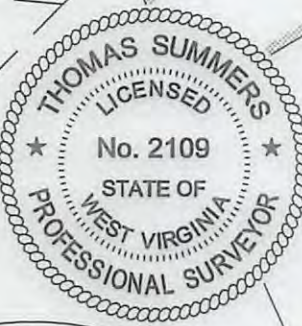
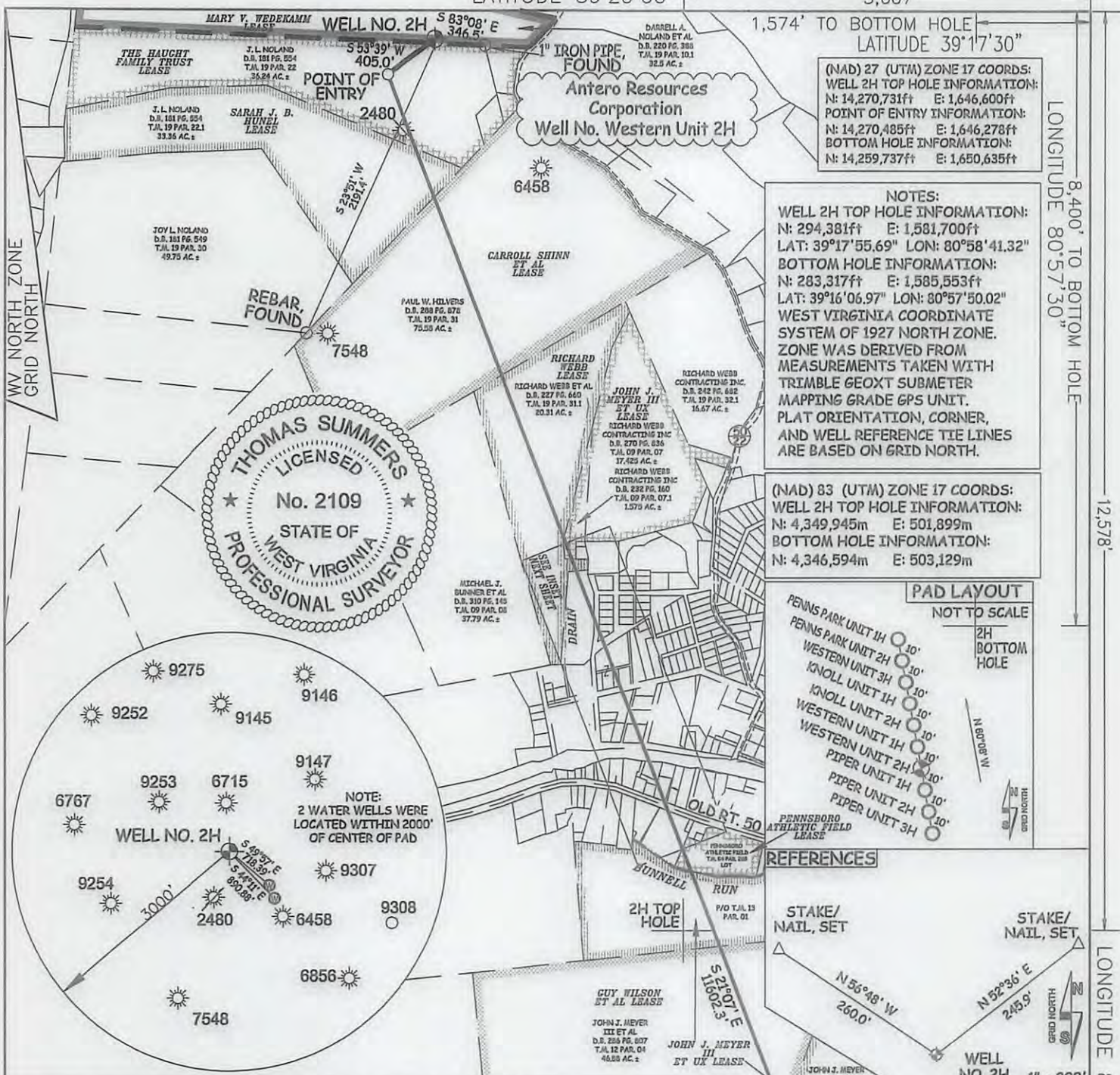
1,574' TO BOTTOM HOLE

LATITUDE 39°17'30"

LONGITUDE 80°57'30"

12,578'

LONGITUDE 80°57'30"



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

47 - 085 - 10294  
 STATE COUNTY PERMIT

1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2500) 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 OLD NORTHWESTERN TURNPIKE.

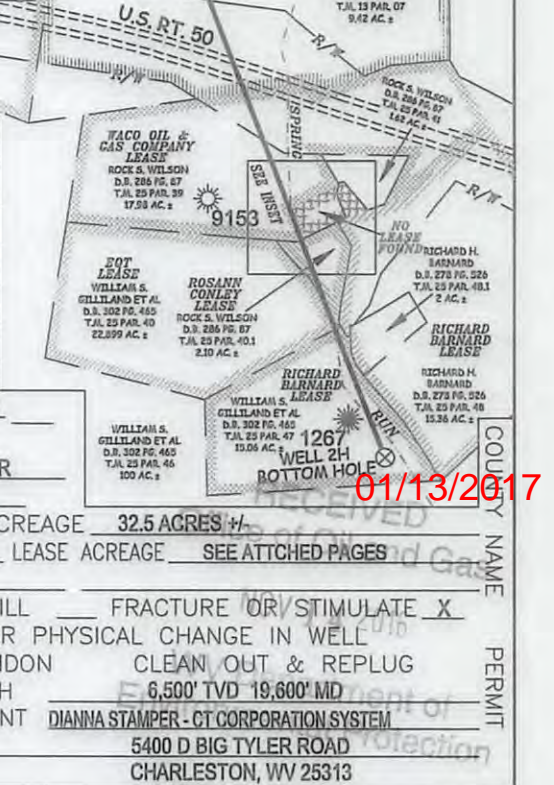
JOB # 16-022WA  
 DRAWING # WESTERN2HR  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

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

THOMAS SUMMERS P.S. 2109  
 DATE 11/07/16  
 OPERATOR'S WELL# WESTERN UNIT #2H

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1,159' ORIGINAL - 1,143' AS DRILLED WATERSHED NORTH FORK HUGHES RIVER  
 QUADRANGLE PENNSBORO 7.5 DISTRICT CLAY COUNTY RITCHIE  
 SURFACE OWNER DARRELL A. NOLAND ET AL ACREAGE 32.5 ACRES +/-  
 OIL & GAS ROYALTY OWNER SEE ATTACHED PAGES FOR LEASE INFORMATION LEASE ACREAGE SEE ATTACHED PAGES

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER X REDRILL \_\_\_ FRACTURE OR STIMULATE X  
 PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL  
 (SPECIFY) MOD-BHL PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 19,600' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313



01/13/2017



# INSET

Antero Resources Corporation  
Well No. Western Unit 2H

**SURFACE INFORMATION:**

- A - RICHARD L. WEBB D.B. 323 PG. 787 T.M. 01 PAR. 7.1 LOT
- B - RICHARD L. WEBB D.B. 323 PG. 787 T.M. 01 PAR. 07 LOT
- C - RICHARD L. WEBB D.B. 288 PG. 426 T.M. 01 PAR. 15 2.09 AC.±
- D - JERALD CUNNINGHAM D.B. 239 PG. 114 T.M. 01 PAR. 27 LOT
- E - JOHN M. BARNES D.B. 319 PG. 188 T.M. 01 PAR. 36 LOT
- F - JOHN M. BARNES D.B. 319 PG. 188 T.M. 01 PAR. 37 LOT
- G - JOHN M. BARNES D.B. 319 PG. 188 T.M. 01 PAR. 38 LOT
- H - CITY OF PENNSBORO D.B. 94 PG. 329 T.M. 01 PAR. 48 LOT
- I - ROGER A. RIGGS D.B. 329 PG. 685 T.M. 04 PAR. 04 LOT
- J - COURTNEY N. RIFFLE D.B. 295 PG. 369 T.M. 04 PAR. 06 LOT
- K - DALE W. MASTERS D.B. 117 PG. 120 T.M. 04 PAR. 07 LOT
- L - ROGER A. RIGGS D.B. 282 PG. 776 T.M. 04 PAR. 46 LOT
- M - JOHN K. SCHAFFER D.B. 303 PG. 78 T.M. 04 PAR. 48 LOT
- N - MARGARET L. DAVIS D.B. 284 PG. 882 T.M. 04 PAR. 107 LOT
- O - ROGER A. RIGGS ET AL D.B. 289 PG. 620 T.M. 04 PAR. 108 LOT
- P - ROGER A. RIGGS ET AL D.B. 289 PG. 620 T.M. 04 PAR. 109 LOT
- Q - BOARD OF EDUCATION D.B. 148 PG. 38 T.M. 04 PAR. 49 2.77 AC.±

WV NORTH ZONE  
GRID NORTH

RICHARD WEBB  
CONTRACTING INC  
D.B. 232 PG. 160  
T.M. 09 PAR. 07.1  
1.575 AC.±

RICHARD WEBB ET AL  
D.B. 227 PG. 660  
T.M. 19 PAR. 31.1  
20.31 AC.±

RICHARD  
WEBB  
LEASE

JOHN J.  
MEYER III  
ET UX LEASE

| LEASE INFORMATION |                                  |
|-------------------|----------------------------------|
| A                 | - LARRY GANDER                   |
| B                 | - LARRY GANDER                   |
| C                 | - RICHARD WEBB                   |
| D                 | - JERALD CUNNINGHAM              |
| E, F, G           | - KYLE THOMAS                    |
| H                 | - CITY OF PENNSBORO              |
| I                 | - ROGER A. RIGGS                 |
| J                 | - COURTNEY N. RIFFLE             |
| K                 | - DALE W. MASTERS                |
| L                 | - ROGER A. RIGGS                 |
| M                 | - JOHN K. SCHAFFER               |
| N                 | - MICHAEL L. DAVIS               |
| O, P              | - ROGER A. RIGGS ET AL           |
| Q                 | - BOARD OF EDUCATION             |
| R, S, U           | - ELIZABETH B. PRIBBLE           |
| T                 | - RITCHIE CO. HISTORICAL SOCIETY |
| V                 | - ELIZABETH B. PRIBBLE           |
| W                 | - RITCHIE CO. HISTORICAL SOCIETY |
| X                 | - VANCE WEEKLEY                  |
| Y                 | - ROSE MARY HORNER               |
| Z                 | - LARRY GANDER                   |

**SURFACE INFORMATION CONTINUED:**

- R - ELIZABETH B. PRIBBLE D.B. 151 PG. 533 T.M. 04 PAR. 201 LOT
- S - ELIZABETH B. PRIBBLE D.B. 151 PG. 533 T.M. 04 PAR. 202 LOT
- T - RITCHIE CO. HISTORICAL SOC. D.B. 300 PG. 521 T.M. 04 PAR. 207 LOT
- U - ELIZABETH B. PRIBBLE D.B. 151 PG. 533 T.M. 04 PAR. 203 LOT
- V - ELIZABETH B. PRIBBLE D.B. 151 PG. 533 T.M. 04 PAR. 205 LOT
- W - RITCHIE CO. HISTORICAL SOC. D.B. 184 PG. 705 T.M. 04 PAR. 207.1 LOT
- X - VANCE WEEKLEY D.B. 238 PG. 458 T.M. 04 PAR. 210 LOT
- Y - CYNTHIA K. WINLAND D.B. 288 PG. 22 p/o T.M. 04 PAR. 279 1.854 AC.±
- Z - CYNTHIA K. WINLAND D.B. 288 PG. 22 p/o T.M. 04 PAR. 279 1.854 AC.±



**WILLOW**  
• LAND SURVEYING PLLC •

P.O. BOX 17  
PENNSBORO, WV 26415  
304-659-1717

SCALE: 1-INCH = 200-FEET



| LEGEND |                         |
|--------|-------------------------|
|        | Western 2H Lateral      |
|        | Interior Surface Tracts |

RECEIVED 01/13/2017  
Office of Oil and Gas

FILE: 16-022WA16  
JOB: WESTERN2H INSET  
DRAFTED BY: T.B.S. 11/07/16

Environment Department of Action