

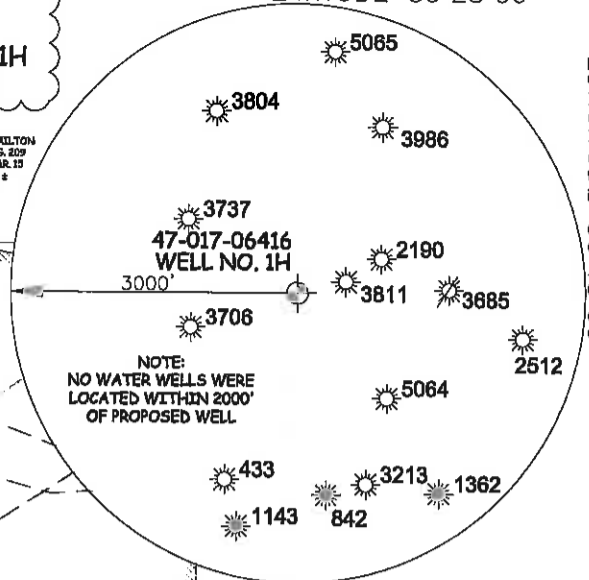
LATITUDE 39°22'30"

10,018'

1,703' TO BOTTOM HOLE  
LATITUDE 39°25'00"

LONGITUDE 80°45'00"  
LONGITUDE 80°42'30"

Antero Resources Corporation  
Well No. Hoskins Unit 1H  
A.P.I. 47-017-06416

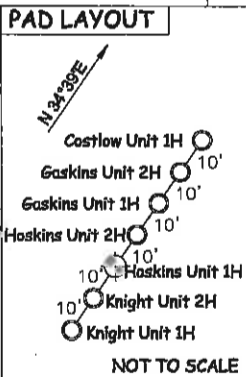


**AS DRILLED DATA:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 318,450ft E: 1,648,369ft  
 LAT: 39°22'03.54" LON: 80°44'37.56"  
**BOTTOM HOLE INFORMATION:**  
 N: 328,027ft E: 1,645,036ft  
 LAT: 39°23'37.74" LON: 80°45'21.70"

**WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.**  
 SYSTEM 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: 4,357,617m E: 522,087m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,360,518m E: 521,023m

- NOTES**
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. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLESTREE 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.



JOB # **12-144WA**  
 DRAWING # **HOSKINS1HAD**  
 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
- Proposed Well Path
- As Drilled Well Path

DATE **08/10/16**  
 OPERATOR'S WELL # **HOSKINS UNIT #1H**



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

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

API WELL # **47 - 017 - 06416**

STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL

(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION ORIG **1,171'** - AS BUILT **1,157'** WATERSHED **McELROY CREEK**

QUADRANGLE **SMITHBURG 7.5 (TH) SHIRLEY 7.5 (BH)** DISTRICT **GRANT** COUNTY **DODDRIDGE**

SURFACE OWNER **KENNETH E. HAMILTON ET AL** ACREAGE **90.35 ACRES +/-**

OIL & GAS ROYALTY OWNER **SILAS ASH; KENNETH HAMILTON ET AL; ANGELINA DUNCAN; BEULAH CAYTON ET AL; MAUDE SHRADER ET AL; DAVID E. BOYER; ROBERT T. GILLE ET AL; DOMINION APPALACHIAN DEVELOPMENT LLC; EDGAR HARTLEY**

LEASE ACREAGE **120 ACRES±; 80 ACRES±; 100 ACRES±; 123.5 ACRES±; 114.5 ACRES±; 102.48 ACRES±; 120.92 ACRES±; 167.29 ACRES±; 30 ACRES±**

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** PLUG & ABANDON  CLEAN OUT & REPLUG

TARGET FORMATION **MARCELLUS** ESTIMATED DEPTH **6,944' TVD 16,996' MD**

WELL OPERATOR **ANTERO RESOURCES CORP.** DESIGNATED AGENT **DIANNA STAMPER**

ADDRESS **1615 WYNKOOP STREET DENVER, CO 80202** ADDRESS **5400 D BIG TYLER ROAD CHARLESTON, WV 25313**

Office of Oil and Gas  
 SEP 9 2016  
 10/28/2016