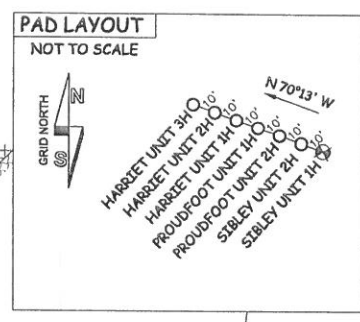
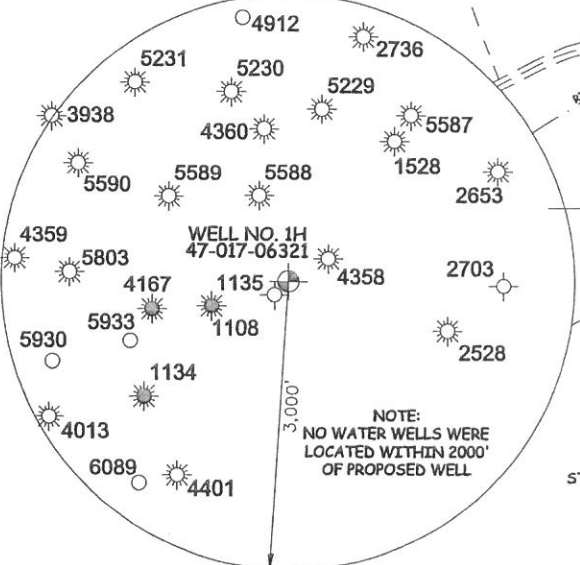


AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
 N: 261,108ft E: 1,648,905ft
 LAT: 39°12'36.89" LON: 80°44'20.66"
BOTTOM HOLE INFORMATION:
 N: 255,252ft E: 1,651,469ft
 LAT: 39°11'39.37" LON: 80°43'47.08"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH 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: 4,340,150m E: 522,542m
BOTTOM HOLE INFORMATION:
 N: 4,338,380m E: 523,353m



- 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. 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.



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|--|--|---|---|--|--|--|
| JOB # 13-054WA DRAWING # SIBLEY1HAD SCALE 1" = 1000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS | | | STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS | | LEGEND --- Surface Owner Boundary Lines +/- - - - Interior Surface Tracts +/- --- X --- Existing Fence ⊕ Found monument, as noted ⊕ Proposed Well Path ⊕ As Drilled Well Path | |
| STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS WELL TYPE: OIL ___ GAS <input checked="" type="checkbox"/> LIQUID INJECTION ___ WASTE DISPOSAL ___ (IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE ___ DEEP ___ SHALLOW <input checked="" type="checkbox"/> LOCATION: ELEVATION 1,289' ORIGINAL - 1,277' AS DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE | | | WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415 | | DATE 06/17/15 OPERATOR'S WELL# SIBLEY UNIT #1H API WELL # 47 - 017 - 06321 STATE COUNTY PERMIT | |
| SURFACE OWNER BERNARD C. PENNINGTON ET AL ACREAGE 174.75 ACRES +/- OIL & GAS ROYALTY OWNER JOHN B. MAXWELL ET UX; CHARLES MAXWELL; HARRY WRIGHT ET AL; PAUL ROBINSON ET AL; PAUL ROBINSON ET AL LEASE ACREAGE 101.98 ACRES±; 86 ACRES±; 72 ACRES±; 237 AC±; 220 AC± | | PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) <input checked="" type="checkbox"/> AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,088' TVD 13,396' MD | | WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313 | | |