

LATITUDE 39°30'00"

5,504'

LATITUDE 39°27'30"

LONGITUDE 80°50'00"

12,302'

LONGITUDE 80°50'00"

Antero Resources Corporation
Well No. Hawkeye Unit 2H
47-095-02182 (AS DRILLED)

JAMES E. GREGG
ET UX LEASE
JOHN A. BONTRAGER ET AL
D.B. 368 PG. 472
T.M. 27 PAR. 7
121.752 AC. ±

LORETTA J. FULKS
D.B. 212 PG. 10
T.M. 27 PAR. 8
35 AC. ±

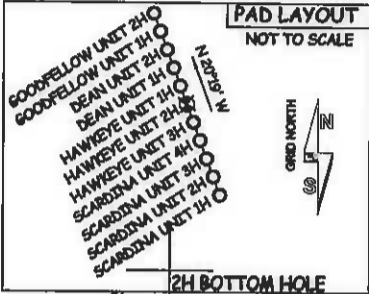
WELL NO. 2H
47-095-02182
2,745' TO BOTTOM HOLE

STONE FOUND

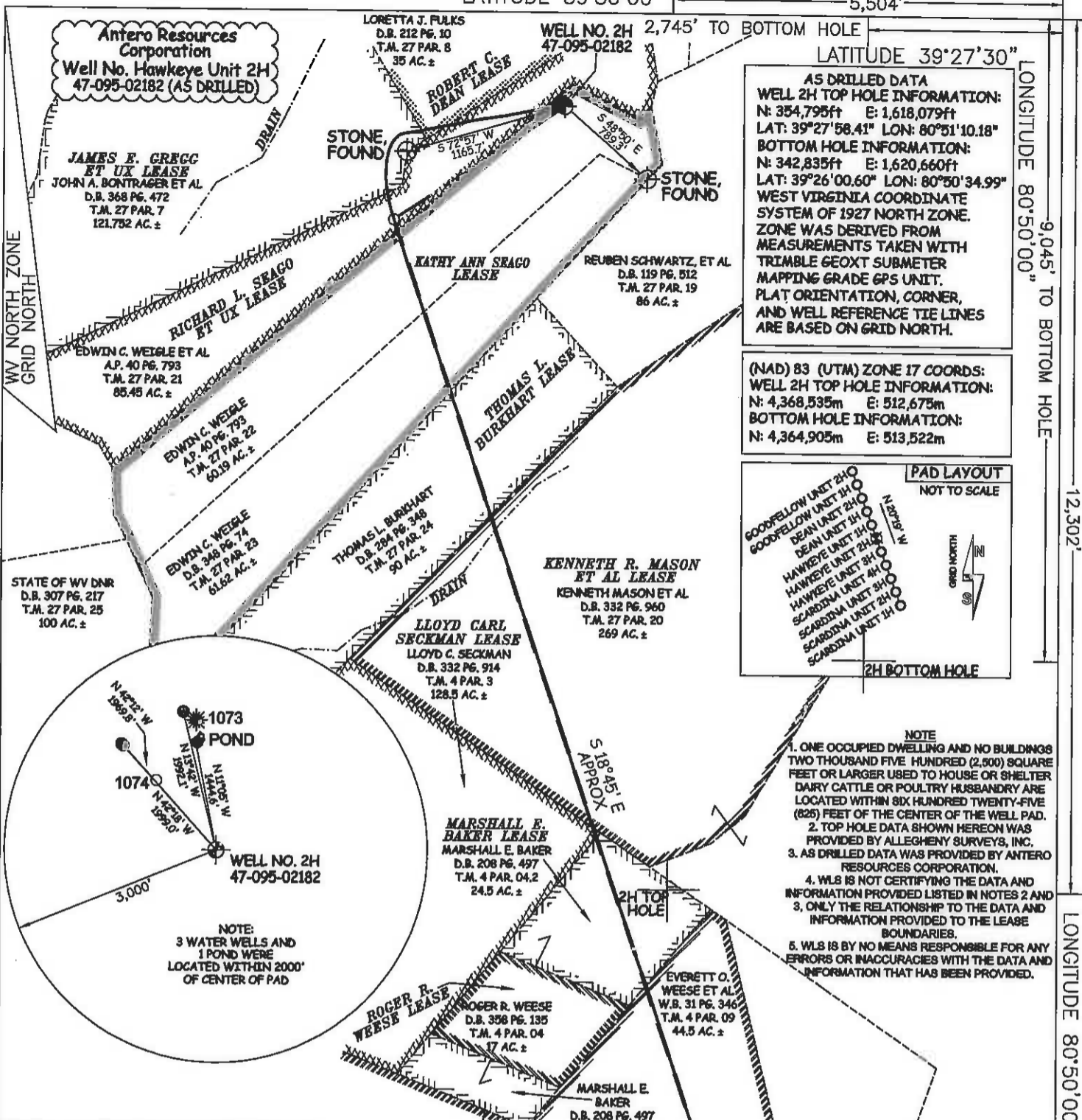
STONE FOUND

AS DRILLED DATA
WELL 2H TOP HOLE INFORMATION:
N: 354,795ft E: 1,618,079ft
LAT: 39°27'58.41" LON: 80°51'10.18"
BOTTOM HOLE INFORMATION:
N: 342,835ft E: 1,620,660ft
LAT: 39°26'00.60" LON: 80°50'34.99"
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 2H TOP HOLE INFORMATION:
N: 4,368,535m E: 512,675m
BOTTOM HOLE INFORMATION:
N: 4,364,905m E: 513,522m



- 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.



47 - 095 - 02182
STATE COUNTY PERMIT



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 # 13-038WA
DRAWING # HAWKEYE2HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND table with symbols for boundary lines, fences, monuments, and well paths.

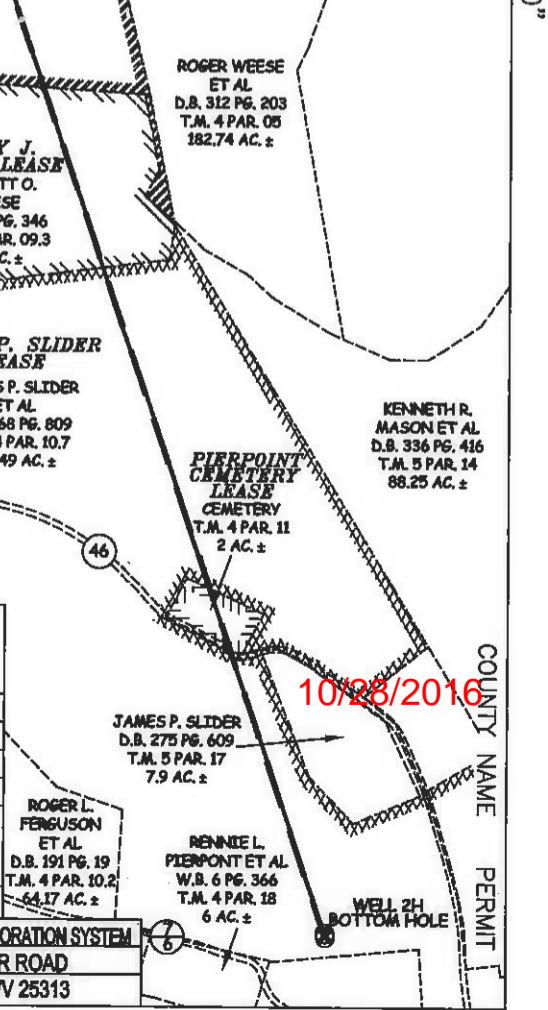
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

DATE 08/04/15
OPERATOR'S WELL# HAWKEYE UNIT #2H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION ORIGINAL 811' - AS DRILLED 817' WATERSHED OUTLET MIDDLE ISLAND CREEK
QUADRANGLE SHIRLEY 7.5' DISTRICT ELLSWORTH COUNTY TYLER

SURFACE OWNER EDWIN C. WEIGLE ACREAGE 60.19 ACRES +/-
OIL & GAS ROYALTY OWNER KATHY ANN SEAGO, RICHARD L. SEAGO ET UX, ROBERT C. DEAN, JAMES E. GREGG ET UX, THOMAS L. BURKHART, ROBERT R. WEESE ET AL, LLOYD C. SECKMAN, MARSHALL E. BAKER, BETTY J. WEESE, BETTY J. WEESE, JAMES P. SLIDER, PIERPOINT CEMETERY LEASE ACREAGE 129.2 AC ±, 74.2 AC ±, 25 AC ±, 141 AC ±, 80 AC ±, 200 AC ±, 120.5 AC ±, 24.5 AC ±, 175.1 AC ±, 10 AC ±, 101.74 AC ±, 2 AC ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) (X) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,413' TVD 18,721' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



10/28/2016