

LATITUDE 39°12'30"

10,334'

1,696' TO BOTTOM HOLE

2H BOTTOM HOLE

LATITUDE 39°12'30"

LONGITUDE 80°40'00"

7,197'

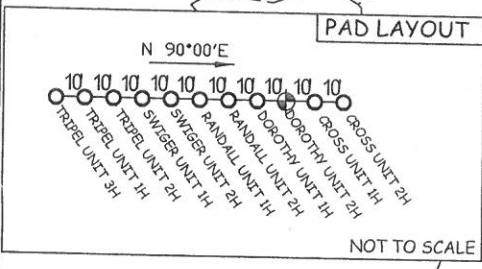
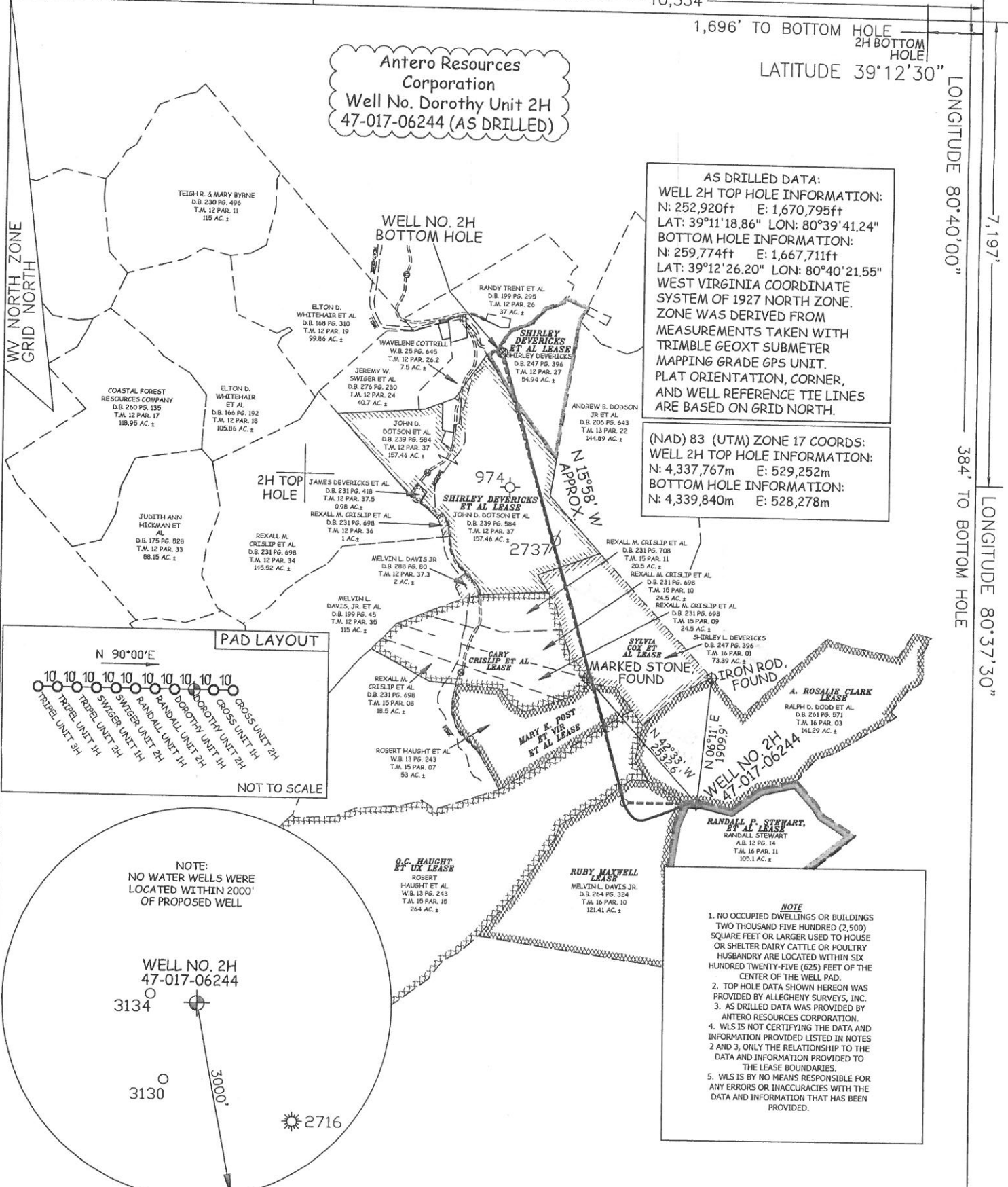
384' TO BOTTOM HOLE

LONGITUDE 80°37'30"

Antero Resources Corporation
Well No. Dorothy Unit 2H
47-017-06244 (AS DRILLED)

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 252,920ft E: 1,670,795ft
LAT: 39°11'18.86" LON: 80°39'41.24"
BOTTOM HOLE INFORMATION:
N: 259,774ft E: 1,667,711ft
LAT: 39°12'26.20" LON: 80°40'21.55"
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: 4,337,767m E: 529,252m
BOTTOM HOLE INFORMATION:
N: 4,339,840m E: 528,278m



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.

JOB # 12-119WA
DRAWING # DOROTHY2HAD
SCALE 1" = 2000'
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
WILLOW LAND SURVEYING PLLC
P.O. BOX 17
PENNSBORO, WV 26415

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

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

DATE 04/23/15
OPERATOR'S WELL# DOROTHY UNIT #2H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,361' ORIGINAL - 1,334' AS-DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE NEW MILTON 7.5'

API WELL # 47 - 017 - 06244
STATE COUNTY PERMIT

SURFACE OWNER RANDALL STEWART
OIL & GAS ROYALTY OWNER RANDALL P. STEWART, ET AL; RUBY MAXWELL; O.C. HAUGHT, ET UX;
MARY K. POST ET VIR ET AL; GARY CRISLIP ET AL; SYLVIA COX ET AL; SHIRLEY DEVERICKS ET AL; SHIRLEY DEVERICKS ET AL
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 7,330' TVD 14,847' MD

DISTRICT NEW MILTON COUNTY DODDRIDGE
ACREAGE 105.1 ACRES +/-
LEASE ACREAGE 195 ACRES±; 121 ACRES±; 264 ACRES±; 53 ACRES±; 88 ACRES±; 73 ACRES±; 157 ACRES±; 57.475 ACRES±

WELL OPERATOR ANTERO RESOURCES CORP.
ADDRESS 1615 WYNKOOP STREET
DENVER, CO 80202

DIANNA STAMPER
CT CORPORATION SYSTEM
5400 D BIG TYLER ROAD
CHARLESTON, WV 25313

COUNTY NAME PERMIT