

LATITUDE 39°20'00"

10,528'

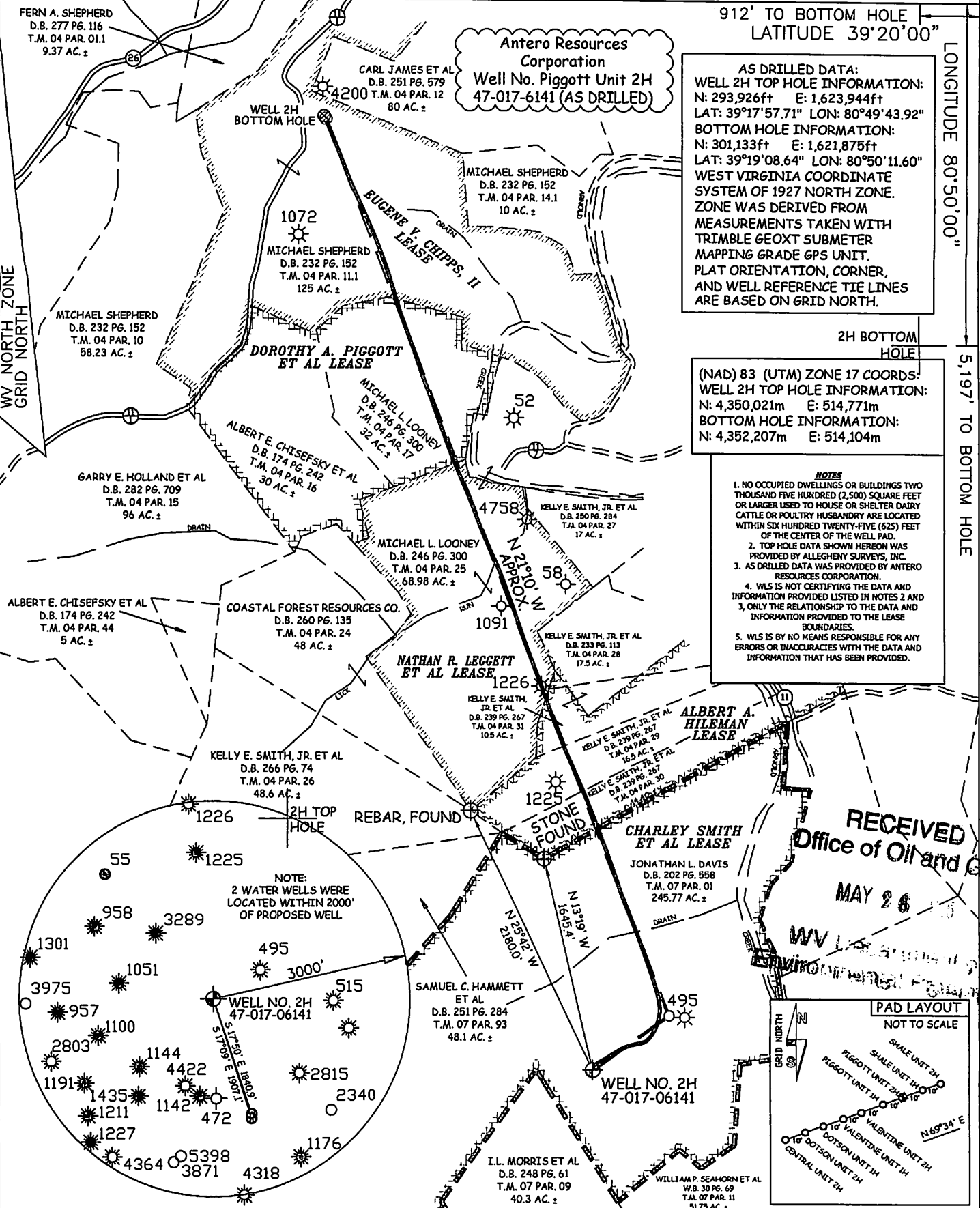
912' TO BOTTOM HOLE  
LATITUDE 39°20'00"

LONGITUDE 80°50'00"

5,197' TO BOTTOM HOLE

12,372'

LONGITUDE 80°47'30"



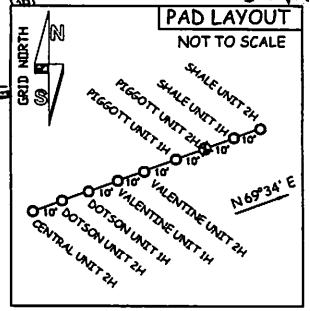
Antero Resources Corporation  
Well No. Piggott Unit 2H  
47-017-6141 (AS DRILLED)

AS DRILLED DATA:  
WELL 2H TOP HOLE INFORMATION:  
N: 293,926ft E: 1,623,944ft  
LAT: 39°17'57.71" LON: 80°49'43.92"  
BOTTOM HOLE INFORMATION:  
N: 301,133ft E: 1,621,875ft  
LAT: 39°19'08.64" LON: 80°50'11.60"  
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: 4,350,021m E: 514,771m  
BOTTOM HOLE INFORMATION:  
N: 4,352,207m E: 514,104m

- 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 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.

RECEIVED  
Office of Oil and Gas  
MAY 26 2015



JOB # 12-073WA  
DRAWING # PIGGOTT2HAD  
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

WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

DATE 04/14/15  
OPERATOR'S WELL# PIGGOTT UNIT #2H

API WELL # 47 - 017 - 06141  
STATE COUNTY PERMIT

LOCATION: ELEVATION 1,183' ORIGINAL - 1,146' AS-DRILLED  
WATERSHED HEADWATERS MIDDLE ISLAND CREEK  
QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDSON

SURFACE OWNER JONATHAN L. DAVIS ACREAGE 245.77 ACRES +/-  
OIL & GAS ROYALTY OWNER CHARLEY SMITH ET AL; ALBERT A. HILEMAN; NATHAN R. LEGGETT ET AL; DOROTHY A. PIGGOTT ET AL; EUGENE V. CHIPPS, II LEASE ACREAGE 213 ACRES±; 50.5 ACRES±; 68.98 ACRES±; 62 ACRES±; 140 ACRES±

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 6,664' TVD 13,965' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT