

LATITUDE 39°17'30"

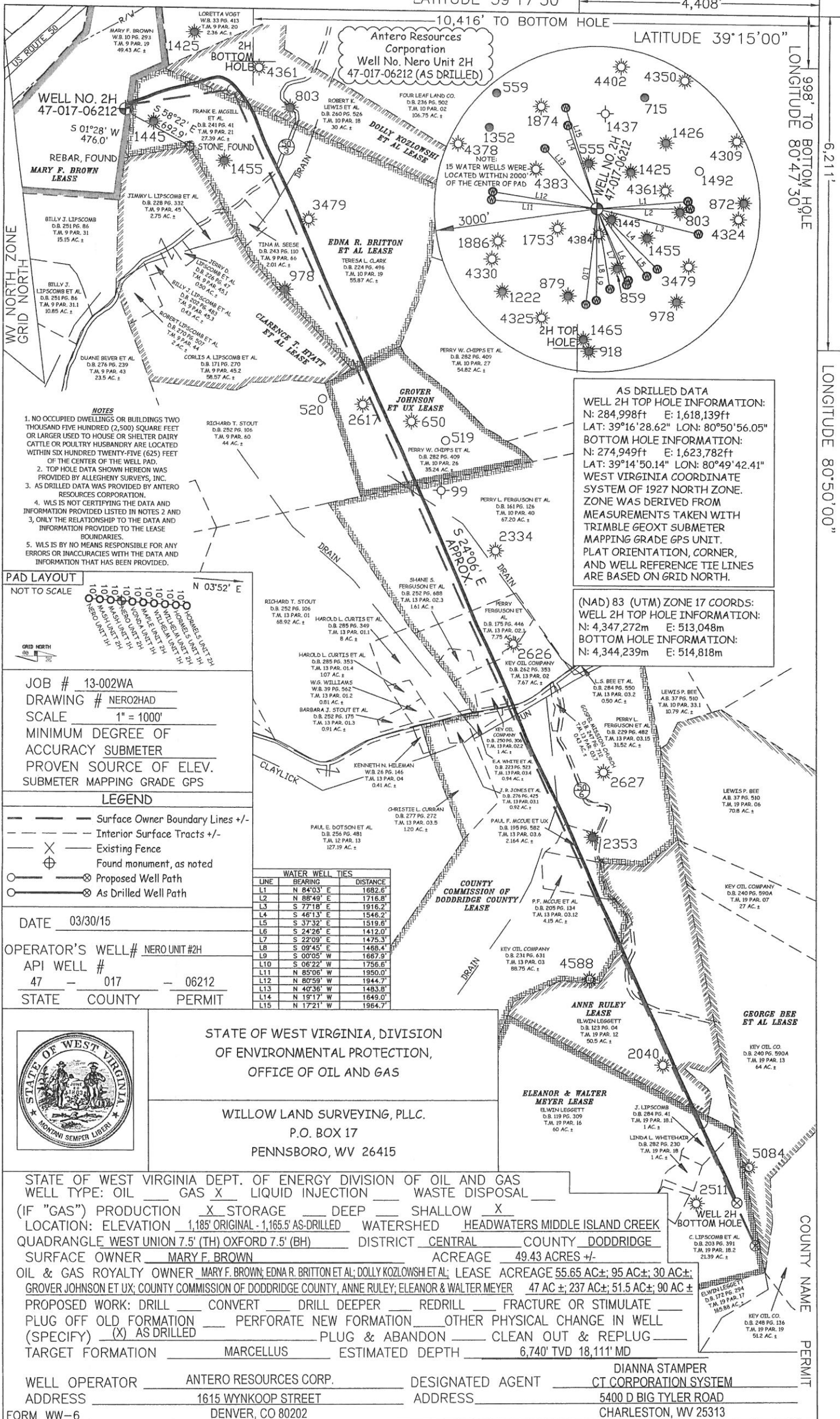
4,408'

LATITUDE 39°15'00"

998' TO BOTTOM HOLE
LONGITUDE 80°47'30"

6,211'

LONGITUDE 80°50'00"



Antero Resources Corporation
Well No. Nero Unit 2H
47-017-06212 (AS DRILLED)

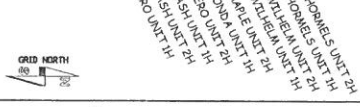
WELL NO. 2H
47-017-06212
S 01°28' W
476.0'

REBAR, FOUND
MARY F. BROWN
LEASES

- 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.

PAD LAYOUT

NOT TO SCALE



JOB # 13-002WA
DRAWING # NERO2HAD
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 03/30/15
OPERATOR'S WELL# NERO UNIT #2H
API WELL # 47 - 017 - 06212
STATE COUNTY PERMIT

LINE	BEARING	DISTANCE
L1	N 84°03' E	1682.6'
L2	N 88°49' E	1716.8'
L3	S 77°18' E	1916.2'
L4	S 46°13' E	1546.2'
L5	S 37°32' E	1519.6'
L6	S 24°26' E	1412.0'
L7	S 22°09' E	1475.3'
L8	S 09°45' E	1458.4'
L9	S 00°05' W	1667.9'
L10	S 06°22' W	1756.6'
L11	N 85°06' W	1950.0'
L12	N 80°59' W	1944.7'
L13	N 40°36' W	1483.8'
L14	N 19°17' W	1649.0'
L15	N 17°21' W	1964.7'

AS DRILLED DATA
WELL 2H TOP HOLE INFORMATION:
N: 284,998ft E: 1,618,139ft
LAT: 39°16'28.62" LON: 80°50'56.05"
BOTTOM HOLE INFORMATION:
N: 274,949ft E: 1,623,782ft
LAT: 39°14'50.14" LON: 80°49'42.41"
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: 4,347,272m E: 513,048m
BOTTOM HOLE INFORMATION:
N: 4,344,239m E: 514,818m



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING, PLLC.
P.O. BOX 17
PENNSBORO, WV 26415

STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,185' ORIGINAL - 1,165.5' AS-DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE WEST UNION 7.5' (TH) OXFORD 7.5' (BH) DISTRICT CENTRAL COUNTY DODDRIDGE
SURFACE OWNER MARY F. BROWN ACREAGE 49.43 ACRES +/-
OIL & GAS ROYALTY OWNER MARY F. BROWN; EDNA R. BRITTON ET AL; DOLLY KOZLOWSKI ET AL; LEASE ACREAGE 55.65 AC +/-; 95 AC +/-; 30 AC +/-
GROVER JOHNSON ET UX; COUNTY COMMISSION OF DODDRIDGE COUNTY, ANNE RULEY; ELEANOR & WALTER MEYER 47 AC +/-; 237 AC +/-; 51.5 AC +/-; 90 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 6,740' TVD 18,111' 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