

LATITUDE 39°17'30"

4,408'

11,260' TO BOTTOM HOLE

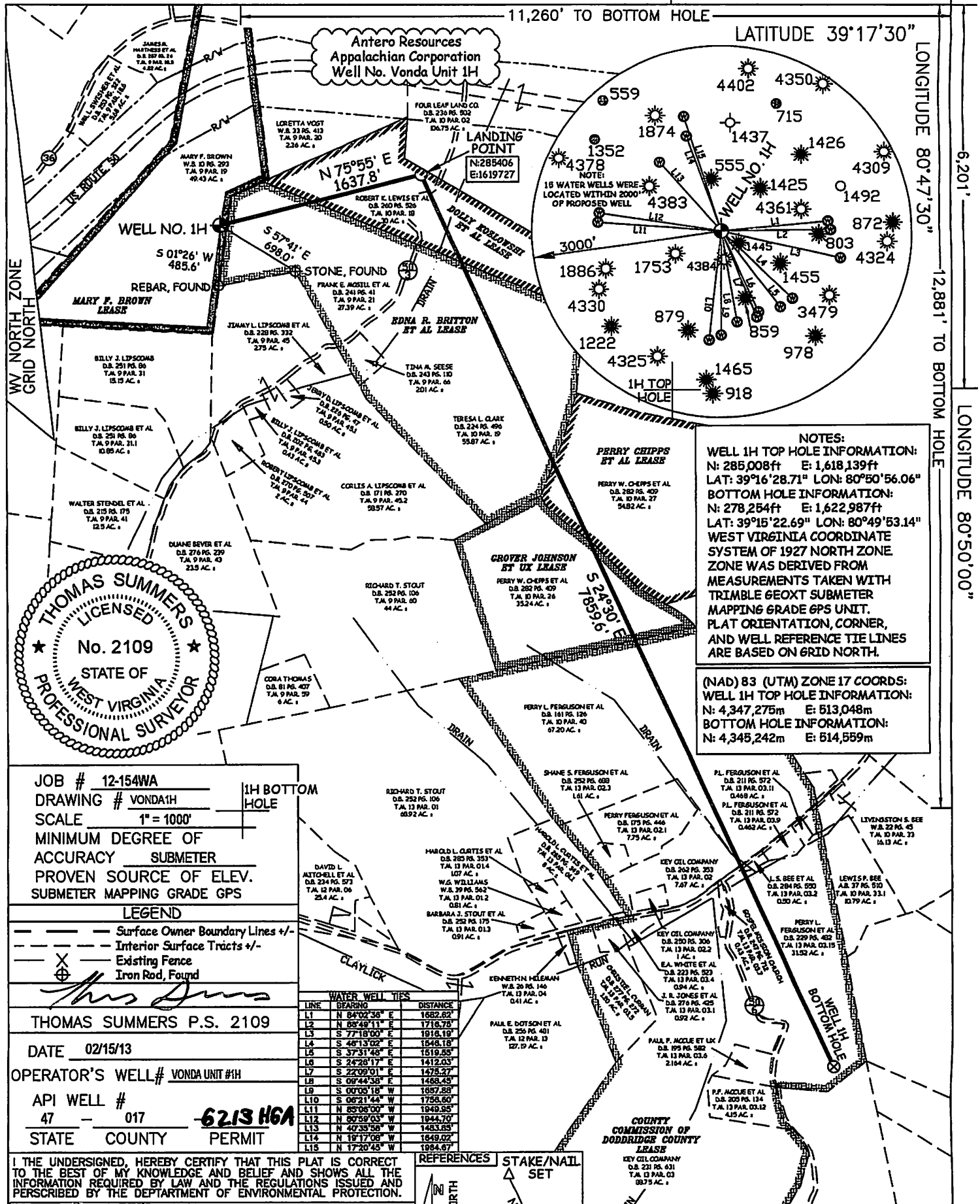
LATITUDE 39°17'30"

LONGITUDE 80°47'30"

6,201'

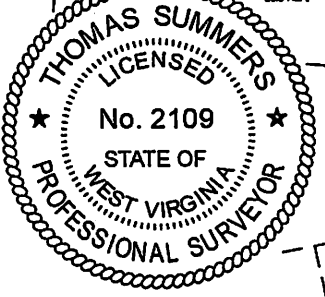
12,881' TO BOTTOM HOLE

LONGITUDE 80°50'00"



**NOTES:**  
WELL 1H TOP HOLE INFORMATION:  
N: 285,008ft E: 1,618,139ft  
LAT: 39°16'28.71" LON: 80°50'56.06"  
BOTTOM HOLE INFORMATION:  
N: 278,254ft E: 1,622,987ft  
LAT: 39°15'22.69" LON: 80°49'53.14"  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIANGLE 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: 4,347,275m E: 513,048m  
BOTTOM HOLE INFORMATION:  
N: 4,345,242m E: 514,559m

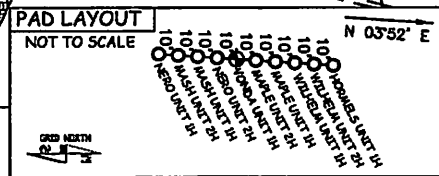
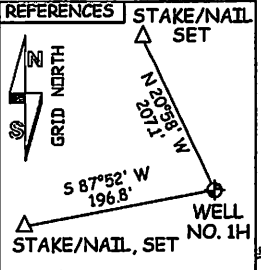


JOB # 12-154WA  
DRAWING # VONDA1H  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

**LEGEND**  
--- Surface Owner Boundary Lines +/-  
--- Interior Surface Tracts +/-  
X Existing Fence  
--- Iron Rod, Found

THOMAS SUMMERS P.S. 2109  
DATE 02/15/13  
OPERATOR'S WELL # VONDA UNIT #1H  
API WELL # 47 - 017 - 6213 H6A  
STATE COUNTY PERMIT

LINE	BEARING	DISTANCE
L1	N 84°02'38" E	1682.82'
L2	N 58°49'11" E	1716.78'
L3	S 77°18'00" E	1916.19'
L4	S 48°13'02" E	1848.18'
L5	S 37°31'48" E	1519.55'
L6	S 24°28'17" E	1412.03'
L7	S 22°09'01" E	1475.27'
L8	S 08°44'58" E	1468.49'
L9	S 08°05'18" W	1657.88'
L10	S 08°21'44" W	1758.50'
L11	N 85°08'00" W	1949.55'
L12	N 50°59'03" W	1944.70'
L13	N 40°35'56" W	1483.85'
L14	N 19°17'08" W	1649.02'
L15	N 17°20'48" W	1984.87'



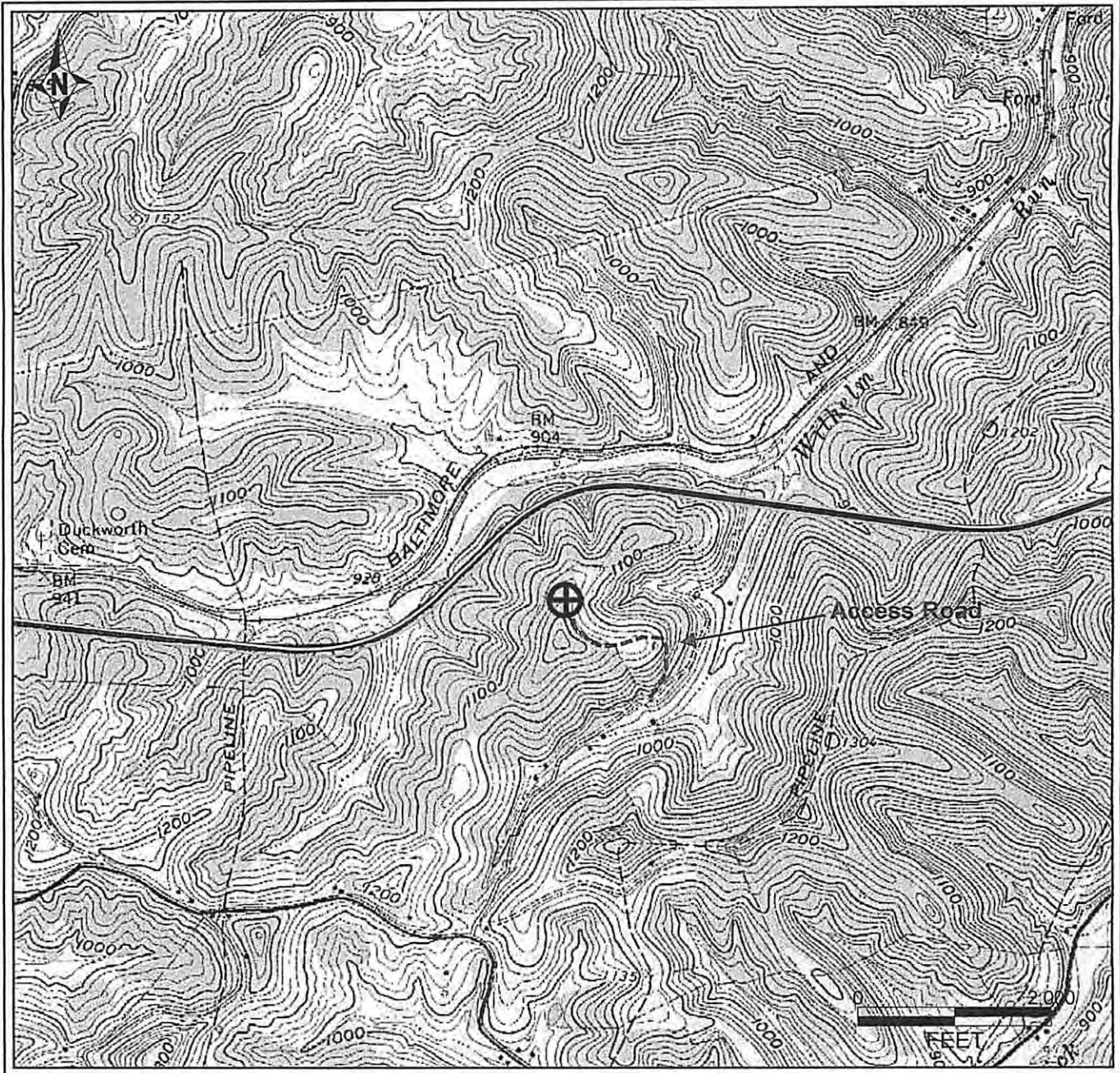
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 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 1,164' WATERSHED TRIBUTARY OF WILHELM RUN  
QUADRANGLE WEST UNION 7.5' 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 +/-  
PERRY CHIPPS ET AL; GROVER JOHNSON ET UX; COUNTY COMMISSION OF DODDRIDGE COUNTY 54.82 AC +/-; 47 AC +/-; 237 AC +/-  
PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL  
(SPECIFY) PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 17,000' MD  
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD  
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

03/29/2013



PETRA 11/29/2012 4:06:04 PM

### Antero Resources Corporation

APPALACHIAN BASIN

Vonda Unit 1H  
Doddridge County



Received  
Office of Oil & Gas

FEB 29 2013

REMARKS

QUADRANGLE: WEST UNION  
WATERSHED: TRIB. OF WILHELM RUN  
DISTRICT: CENTRAL

Date: 11/29/2012

17-06213 H6A                      VONDA UNIT 1H  
ANTERO RESOURCES CORP

PAD NAME:   McGILL  
FARM NAME:  BROWN, MARY F.