

LATITUDE 39°20'00"

11,267'

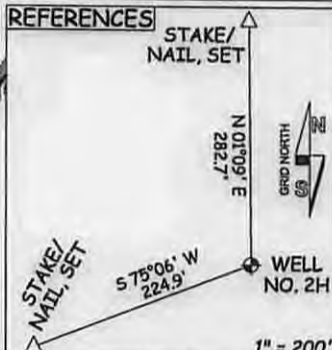
7,561' TO BOTTOM HOLE  
LATITUDE 39°17'30"

LONGITUDE 80°57'30"  
7,392'  
3,256' TO BOTTOM HOLE  
LONGITUDE 80°57'30"

Antero Resources Corporation  
Well No. Musgrave Unit 2H

NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 299,659ft E: 1,576,124ft  
LAT: 39°18'46.94" LON: 80°59'53.36"  
BOTTOM HOLE INFORMATION:  
N: 288,560ft E: 1,579,651ft  
LAT: 39°16'57.83" LON: 80°59'06.16"  
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: 4,351,524m E: 500,174m  
BOTTOM HOLE INFORMATION:  
N: 4,348,161m E: 501,305m



LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Existing Fence
- Rebar, Found

THOMAS SUMMERS P.S. 2109

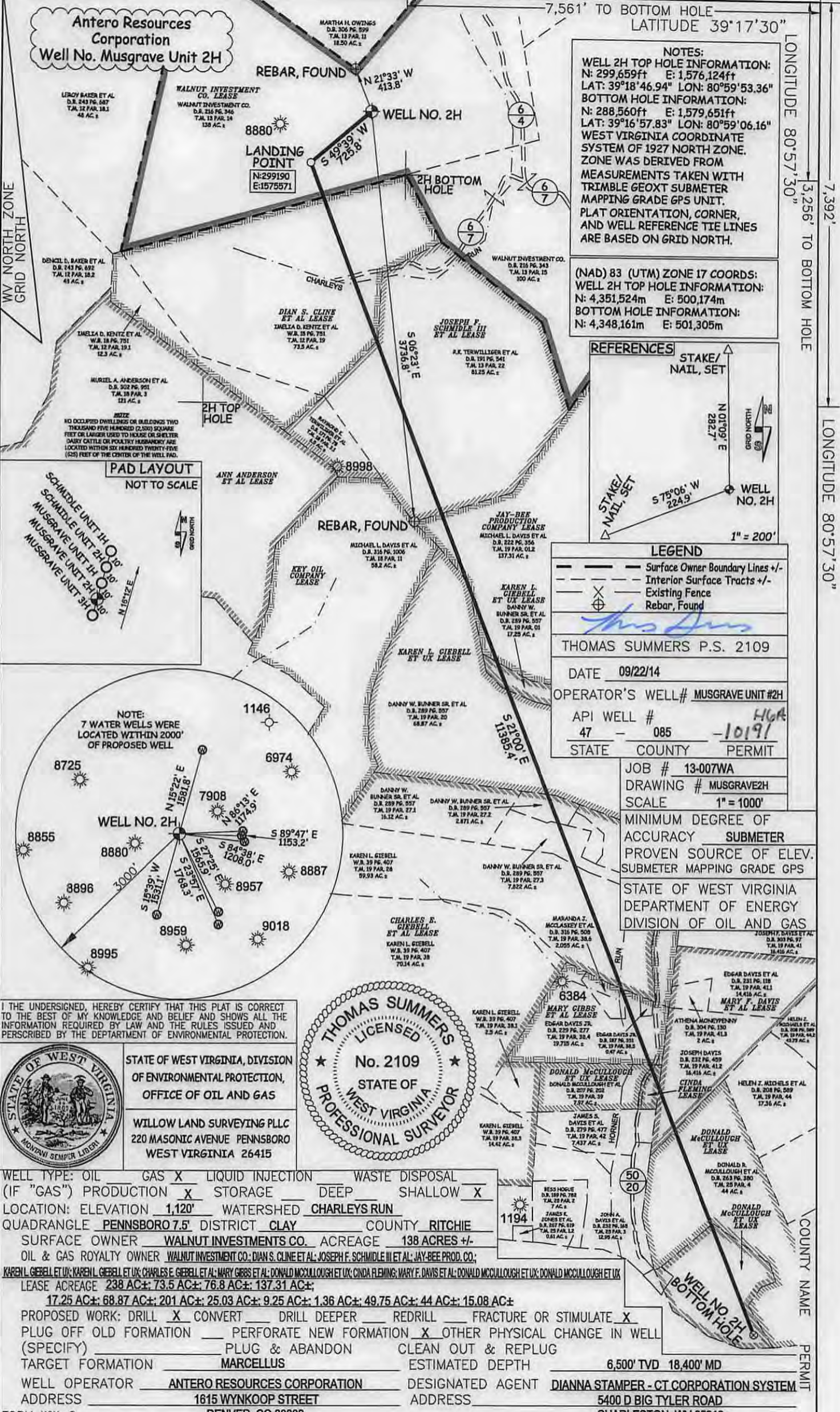
DATE 09/22/14

OPERATOR'S WELL# MUSGRAVE UNIT #2H

API WELL # 47 - 085 - 10191

STATE COUNTY PERMIT

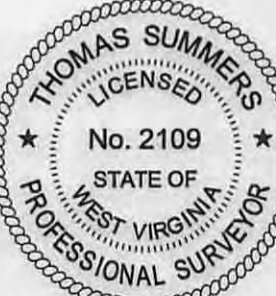
JOB # 13-007WA  
DRAWING # MUSGRAVE2H  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS



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 RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

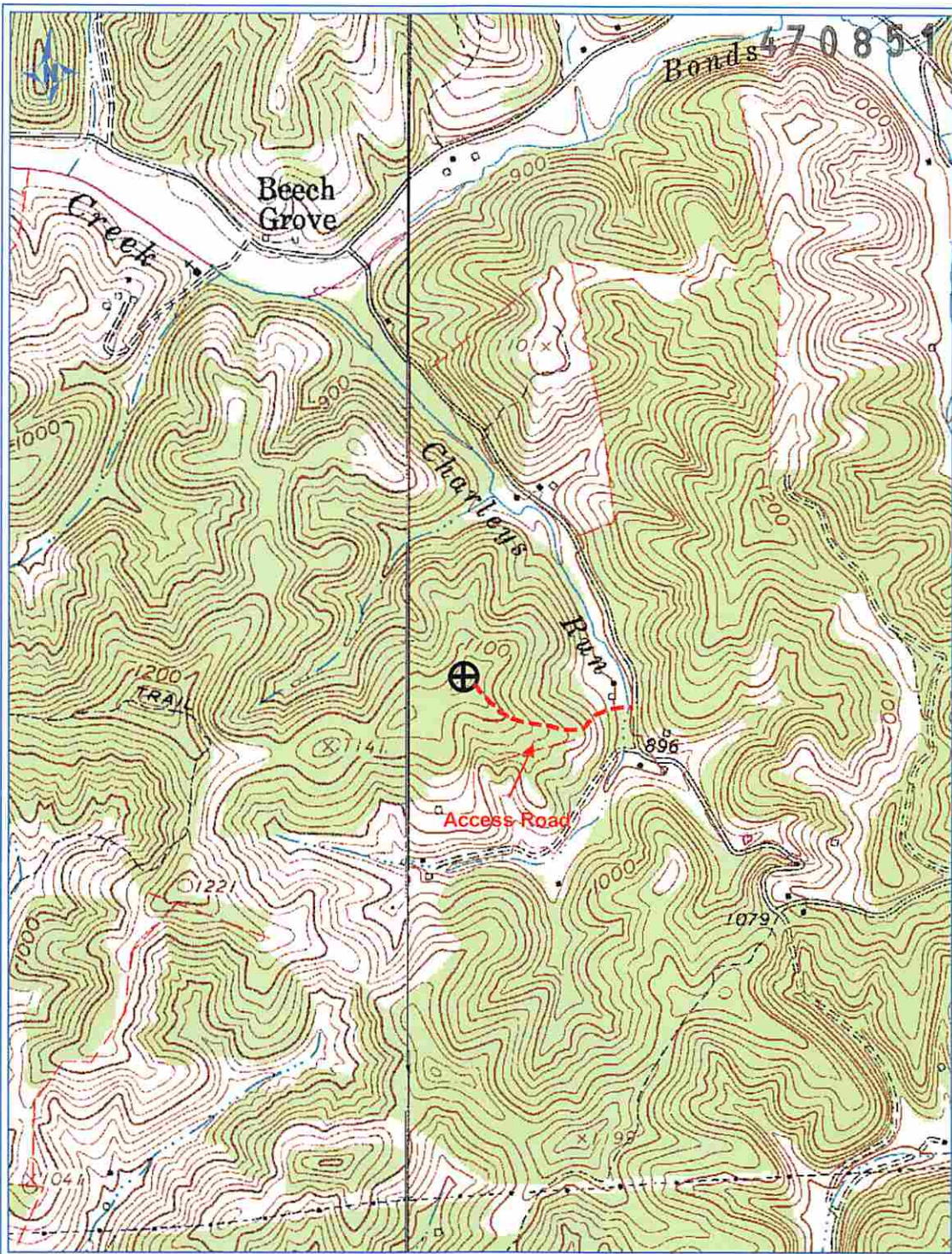


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVENUE PENNSBORO WEST VIRGINIA 26415



WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW   
LOCATION: ELEVATION 1,120' WATERSHED CHARLEYS RUN  
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE  
SURFACE OWNER WALNUT INVESTMENTS CO. ACREAGE 138 ACRES +/-  
OIL & GAS ROYALTY OWNER WALNUT INVESTMENT CO.; DIAN S. CLINE ET AL.; JOSEPH F. SCHINDLE III ET AL.; JAY-BEE PROD. CO.;  
KAREN L. GIBBELL ET AL.; KAREN L. GIBBELL ET AL.; CHARLES E. GIBBELL ET AL.; MARY GIBBS ET AL.; DONALD MCCULLOUGH ET AL.; CINDA FLEMING; MARY F. DAVIS ET AL.; DONALD MCCULLOUGH ET AL.; DONALD MCCULLOUGH ET AL.  
LEASE ACREAGE 238 AC±; 73.5 AC±; 76.8 AC±; 137.31 AC±;  
17.25 AC±; 68.87 AC±; 201 AC±; 25.03 AC±; 9.25 AC±; 1.36 AC±; 49.75 AC±; 44 AC±; 15.08 AC±  
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)   
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 18,400' MD  
WELL OPERATOR ANTERO RESOURCES CORPORATION 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

01/16/2015



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## Antero Resources Corp

APPALACHIAN BASIN

Musgrave Unit 2H

Ritchie County

REMARKS  
 QUADRANGLE: PENNSBORO 7.5'  
 WATERSHED: CHARLEYS RUN  
 DISTRICT: CLAY

By: ECM

Received  
 Office of Oil & Gas  
 DEC 03 2014

