

LATITUDE 39°22'30"

9,873'

2,576' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 81°00'00"

3,569'

LONGITUDE 80°57'30"

13,156' TO BOTTOM HOLE

Antero Resources Corporation Well No. Freeland Unit 1H

WELL NO. 1H BOTTOM HOLE

1H TOP HOLE

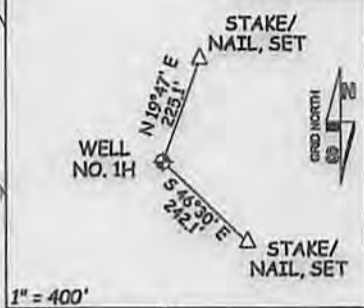
REBAR FOUND

NOTES:

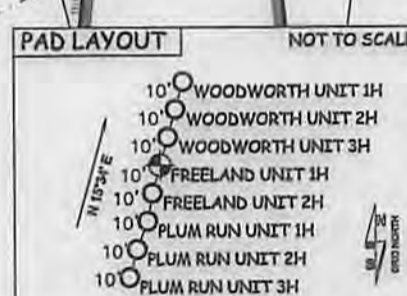
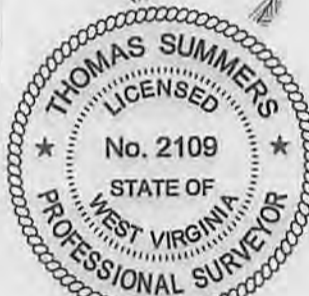
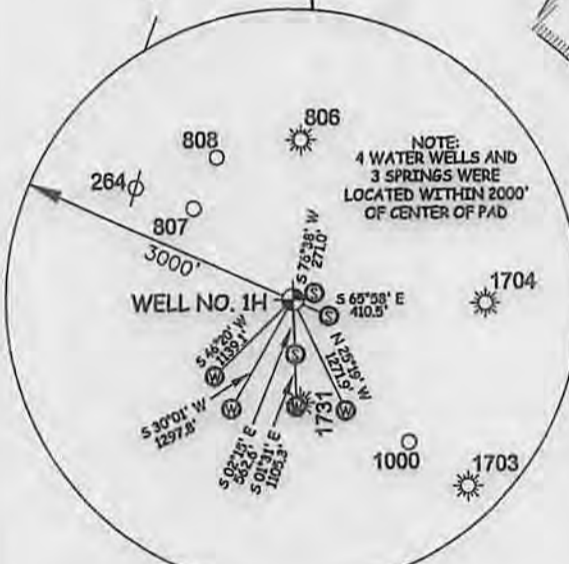
WELL 1H TOP HOLE INFORMATION:  
 N: 318,663ft E: 1,577,837ft  
 LAT: 39°21'55.03" LON: 80°59'35.58"  
 BOTTOM HOLE INFORMATION:  
 N: 324,273ft E: 1,573,491ft  
 LAT: 39°22'49.75" LON: 81°00'32.12"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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 1H TOP HOLE INFORMATION:  
 N: 4,357,323m E: 500,599m  
 BOTTOM HOLE INFORMATION:  
 N: 4,359,010m E: 499,246m

REFERENCES



NOTE: NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER CARRY CATTLE OR POULTRY HUSBANDRY AND LOCATED WITHIN ONE HUNDRED TWENTY FIVE (125) FEET OF THE CENTER OF THE WELL PAD.



JOB # 13-042WA  
 DRAWING # FREELAND1HR  
 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  
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
 LOCATION: ELEVATION 1,021' WATERSHED TRIBUTARY OF BRUSH RUN  
 QUADRANGLE PENNSBORO 7.5 (TOP HOLE) BENS RUN 7.5 (BOTTOM HOLE) DISTRICT MEADE COUNTY TYLER  
 SURFACE OWNER DAVID M. HARTLEY  
 OIL & GAS ROYALTY OWNER MIKE SAMMONS; HOWARD H. HARCHA, III ET AL;  
 DAVID M. HARTLEY ET UX; RICHARD B. REYNOLDS; BRANDI DEPHINO  
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X  
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL  
 (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 13,500' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM  
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313

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  
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

LEGEND

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

THOMAS SUMMERS P.S. 2109

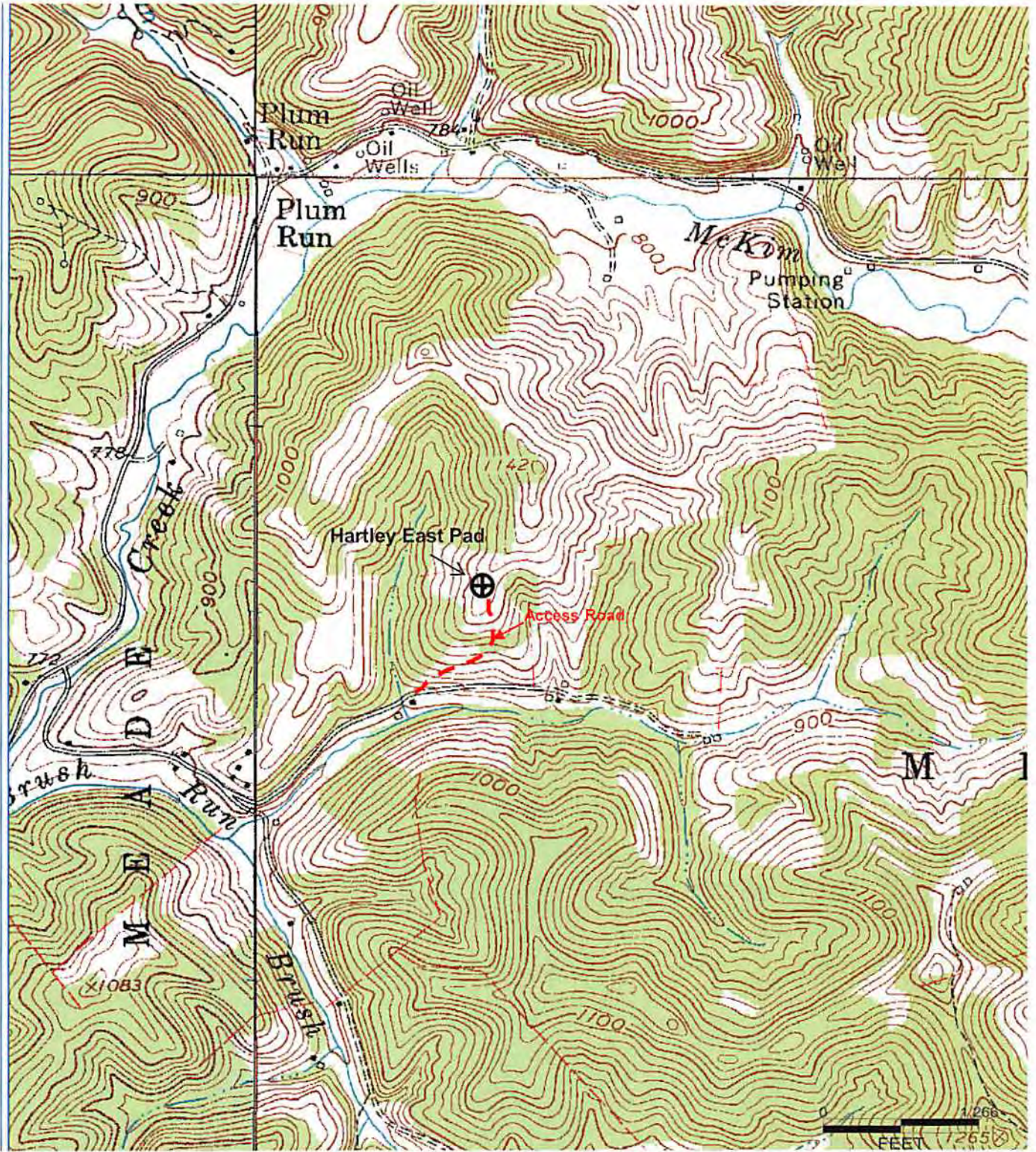
DATE 04/29/14

OPERATOR'S WELL # FREELAND UNIT #1H

API WELL # 47 - 095 - 02185 H6A

STATE COUNTY PERMIT

COUNTY NAME PERMIT



**Antero Resources Corporation**  
Appalachian Basin  
Freeland Unit 1H  
Tyler County

Quadrangle: Ellenboro & Pennsboro  
Watershed: Middle Island Creek  
District: Meade  
Date: 7-26-2013