

LATITUDE 39°22'30"

9,875'

1,660' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 81°00'00"

3,575'

LONGITUDE 80°57'30"

12,753' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Freeland Unit 2H

WELL NO. 2H
BOTTOM HOLE

2H TOP HOLE

NOTES:

WELL 2H TOP HOLE INFORMATION:
N: 318,654ft E: 1,577,835ft
LAT: 39°21'54.93" LON: 80°59'35.62"
BOTTOM HOLE INFORMATION:
N: 324,660ft E: 1,574,413ft
LAT: 39°22'53.73" LON: 81°00'20.46"
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: 4,357,320m E: 500,598
BOTTOM HOLE INFORMATION:
N: 4,359,132m E: 499,525m

REFERENCES



1" = 400'

RODGER B. KING LEASE

ANDREW Z. WILLIAMS ET AL

PAUL W. MORRISON ET AL

DAVID H. HARTLEY

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GREGORY A. WESTBROOK ET AL

GREGORY A. WESTBROOK ET AL

ROGER CURRY ET AL

DAVE W. FREELAND ET AL

JOHN T. WILSON

DARYL R. JACKSON JR. ET AL

RODGER B. KING LEASE

ANDREW Z. WILLIAMS ET AL

PAUL W. MORRISON ET AL

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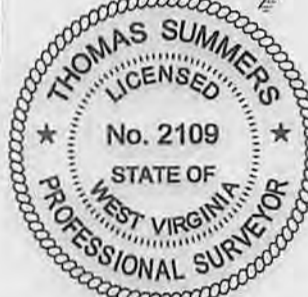
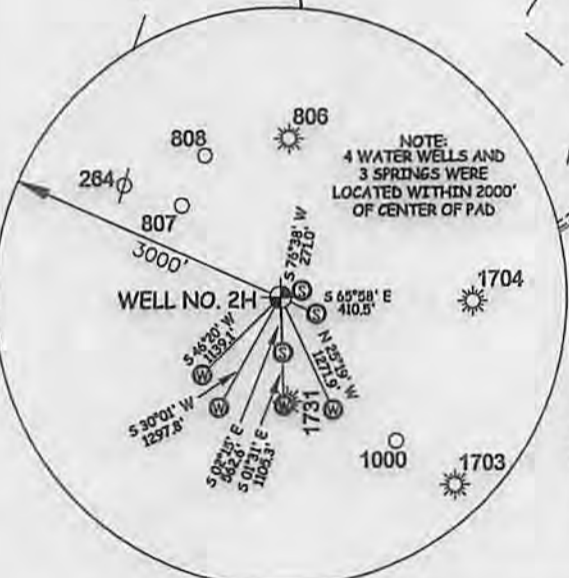
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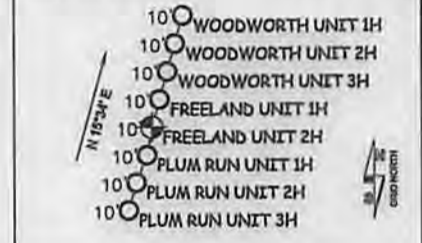
DAVID H. HARTLEY

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NO OCCUPIED BUILDINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHED TEN CHAIRY CATTLE OR POLLY DUCKS AND LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



PAD LAYOUT NOT TO SCALE



JOB # 13-042WA
DRAWING # FREELAND2HR
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 +/-
X Existing Fence
⊕ Rebar, Found

THOMAS SUMMERS P.S. 2109

DATE 4/29/14

OPERATOR'S WELL # FREELAND UNIT #2H

API WELL # 47 - 095 - 02/27H 6A

STATE COUNTY PERMIT

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 ACREAGE 21 ACRES +/-

OIL & GAS ROYALTY OWNER MIKE SAMMONS; HOWARD H. HARCHA, III ET AL; RODGER B. KING LEASE ACREAGE 28 AC +/- 115 AC +/- 43 AC +/- RICHARD B. REYNOLDS; BRANDI DEPHINO; 710 CORPORATION 100.38 AC +/- 122 ACRES +/- 57 AC +/-

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

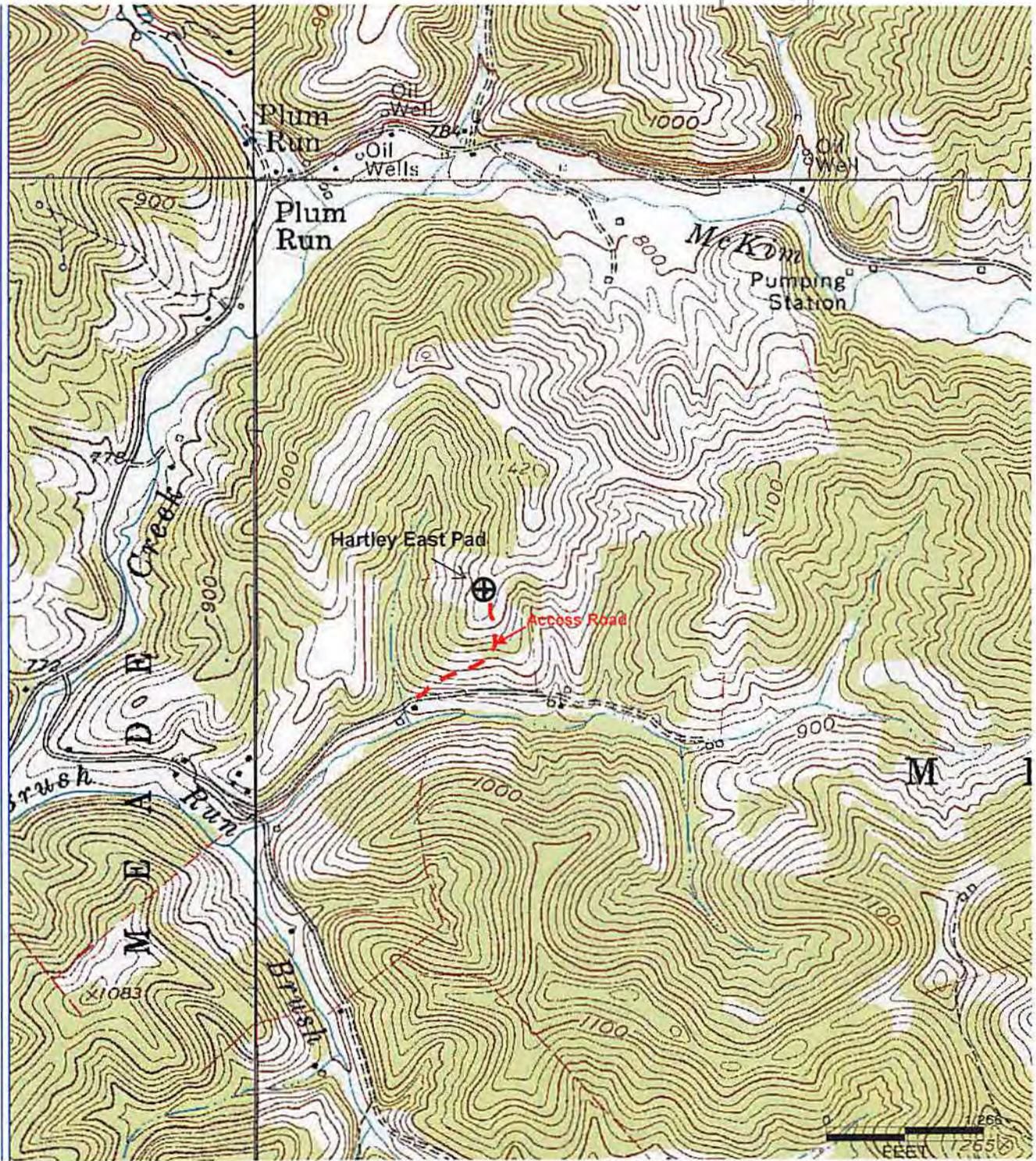
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 13,500' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER

ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD

DENVER, CO 80202 CHARLESTON, WV 25313

Plat spotted 95-02127



RECEIVED
Office of Oil and Gas

AUG 9 2013

WV Department of
Environmental Protection

Antero Resources Corporation
Appalachian Basin
Freeland Unit 2H
Tyler County

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