

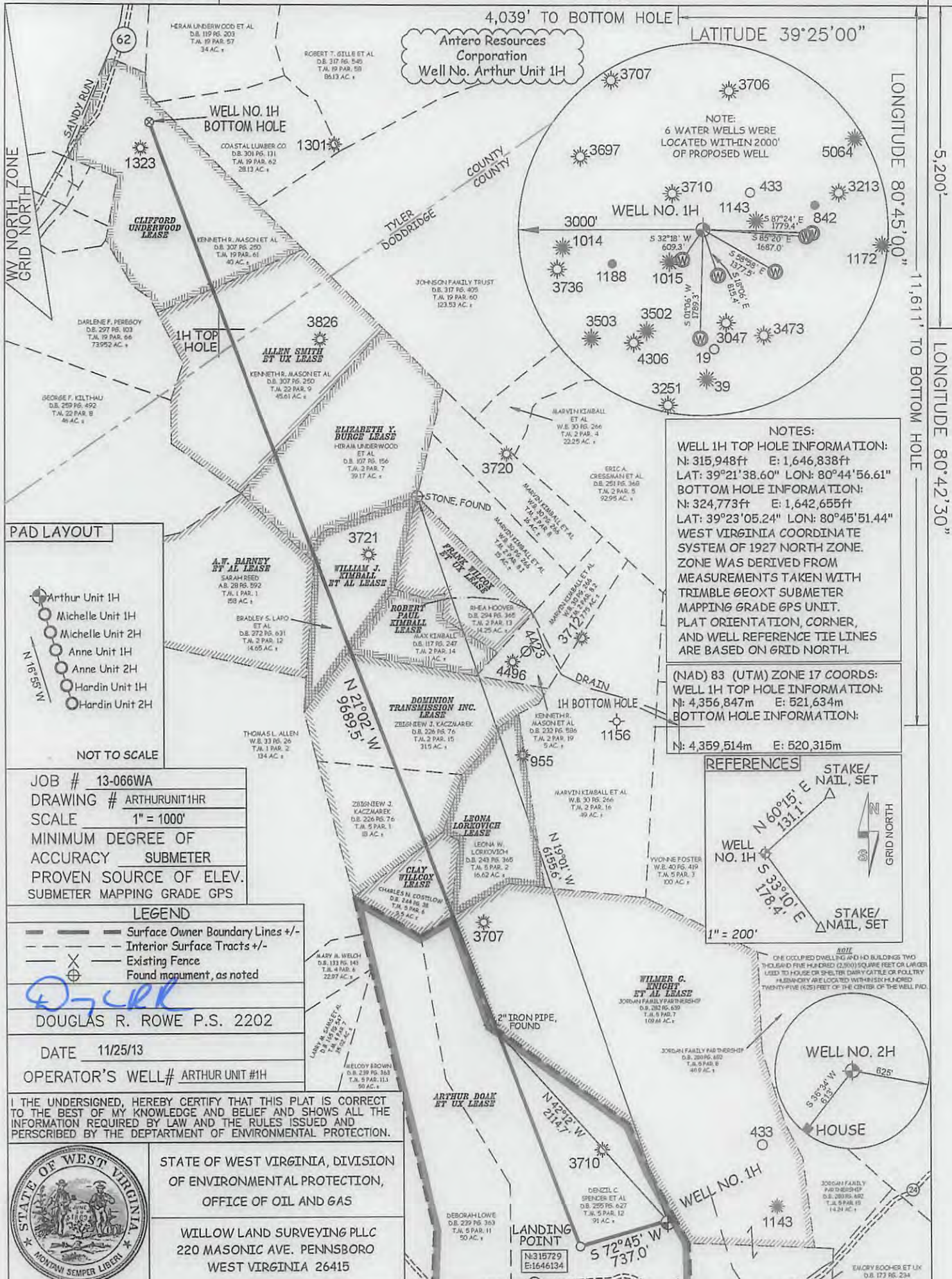
LATITUDE 39°22'30"

11,515'

4,039' TO BOTTOM HOLE

LATITUDE 39°25'00"

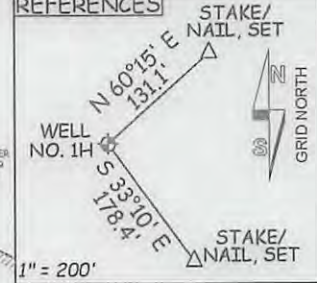
Antero Resources Corporation  
Well No. Arthur Unit 1H



NOTE:  
6 WATER WELLS WERE  
LOCATED WITHIN 2000'  
OF PROPOSED WELL

NOTES:  
WELL 1H TOP HOLE INFORMATION:  
N: 315,948ft E: 1,646,838ft  
LAT: 39°21'38.60" LON: 80°44'56.61"  
BOTTOM HOLE INFORMATION:  
N: 324,773ft E: 1,642,655ft  
LAT: 39°23'05.24" LON: 80°45'51.44"  
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: 4,356,847m E: 521,634m  
BOTTOM HOLE INFORMATION:  
N: 4,359,514m E: 520,315m



ONE OCCUPIED DWELLING AND TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY. FENCED ARE LOCATED WITHIN ONE HUNDRED TWENTY-FIVE (125) FEET OF THE CENTER OF THE WELL PAD.



JOB # 13-066WA  
DRAWING # ARTHURUNIT1HR  
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

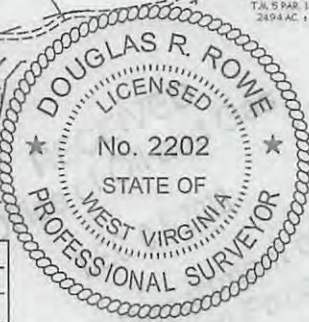
DOUGLAS R. ROWE P.S. 2202  
DATE 11/25/13  
OPERATOR'S WELL# ARTHUR UNIT #1H

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 AVE. PENNSBORO WEST VIRGINIA 26415

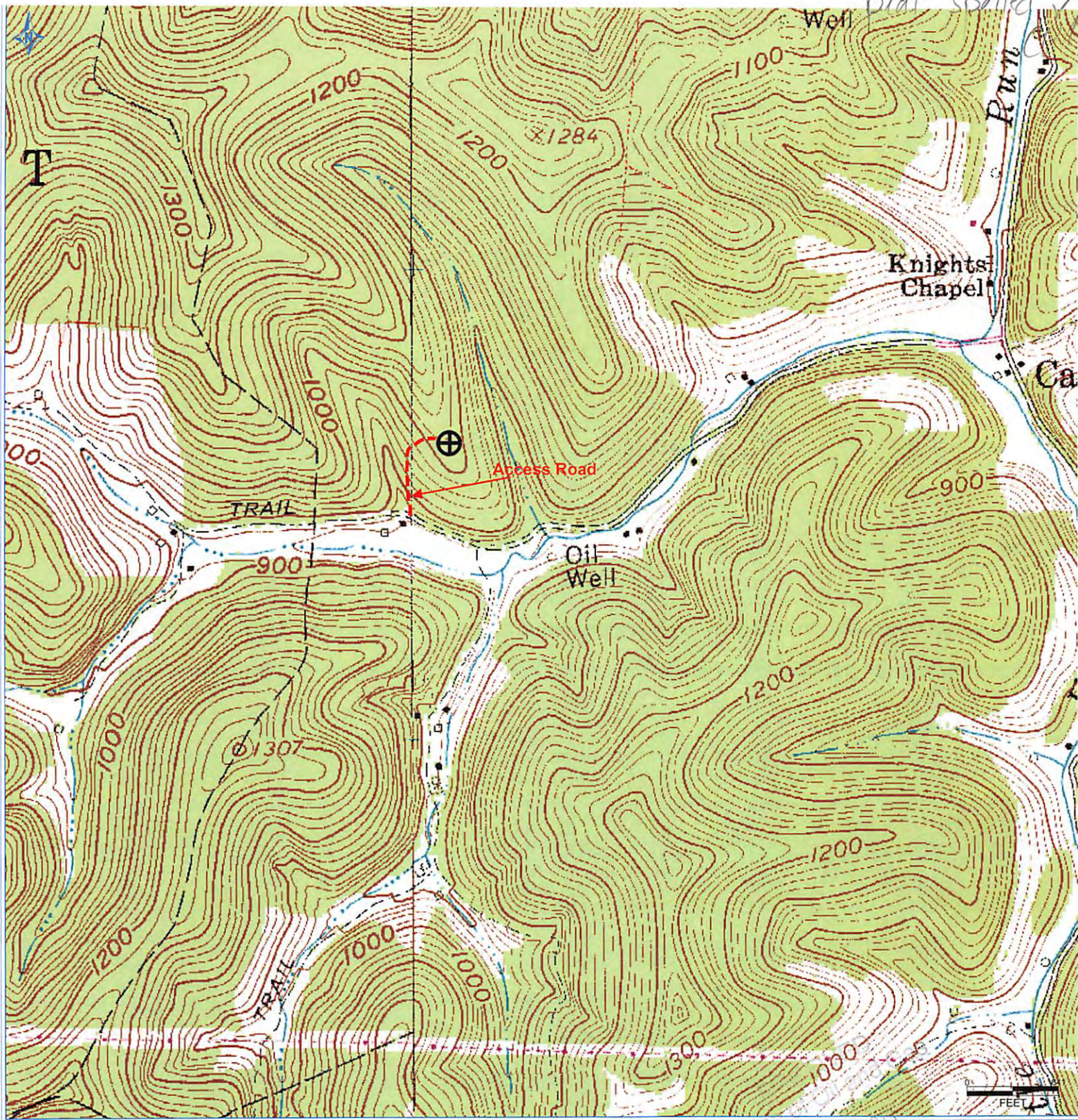
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS  
API WELL # 47 - 017 - 06425 H6A  
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
LOCATION: ELEVATION 1,001' WATERSHED TRIBUTARY OF LITTLE FLINT RUN  
QUADRANGLE SMITHBURG 7.5 (TH) SHIRLEY 7.5 (BH) DISTRICT GRANT COUNTY DODDRIDGE  
SURFACE OWNER DENZIL C. SPENCER ET AL ACREAGE 91 ACRES +/-  
OIL & GAS ROYALTY OWNER ARTHUR DOAK ET UX; WILMER G. KNIGHT ET AL; LEONA LORKOVICH; CLAY WILLCOX;  
DOMINION TRANSMISSION INC.; ROBERT PAUL KIMBALL; WILLIAM J. KIMBALL ET AL; ELIZABETH Y. BURGE; ALLEN SMITH ET UX; CLIFFORD UNDERWOOD  
LEASE ACREAGE 191 AC±; 110 AC±; 16.63 AC±; 18 AC±; 49.5 AC±; 11 AC±; 15 AC±; 39.17 AC±; 45.6 AC±; 40 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 7,400' TVD 18,600' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER  
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD  
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

01/24/2014





PETRA 6/26/2013 8:47:16 AM

47 170 064 25

Antero Resources Corporation

Arthur Unit 1H

Misery Pad

Doddridge County



REMARKS  
 QUADRANGLE: Smithburg  
 WATERSHED: Tributary of Little Flint Run  
 DISTRICT: Grant