

LATITUDE 39°15'00"

5,913'

8,125' TO BOTTOM HOLE

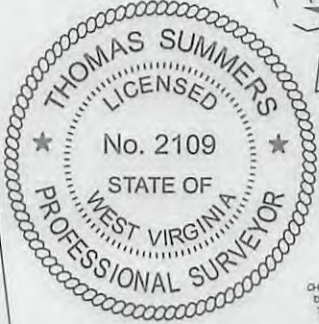
LATITUDE 39°15'00"

4,303' TO BOTTOM HOLE

14,334'

LONGITUDE 80°35'00"

Antero Resources Corporation  
Well No. Downs Unit 2H



NOTES:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 260,754ft E: 1,687,121ft  
 LAT: 39°12'38.32" LON: 80°36'15.13"  
 BOTTOM HOLE INFORMATION:  
 N: 270,813ft E: 1,685,031ft  
 LAT: 39°14'17.48" LON: 80°36'43.26"  
 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: 4,340,237m E: 534,187m  
 BOTTOM HOLE INFORMATION:  
 N: 4,343,291m E: 533,499m

NOTE  
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

PAD LAYOUT  
NOT TO SCALE

- 10' DOWNS UNIT 1H
- 10' DOWNS UNIT 2H
- 10' MASON UNIT 2H
- 10' LETTIE UNIT 2H
- 10' LETTIE UNIT 1H
- 10' MASON UNIT 1H
- 10' MCGUIRE UNIT 2H
- 10' BOLTE UNIT 1H
- 10' BOLTE UNIT 2H
- 10' MCGUIRE UNIT 1H



**LEGEND**

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- - - Existing Fence
- ⊕ Found monument, as noted

*THIS IS AN*

THOMAS SUMMERS P.S. 2109

DATE 11/05/13

OPERATOR'S WELL# DOWNS UNIT #2H

API WELL # 47 - 017 **06434 NGA**

STATE COUNTY PERMIT

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

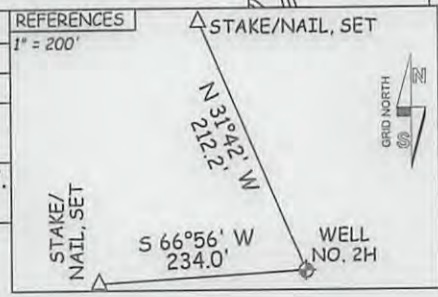
JOB # 13-088WA

DRAWING # DOWNS2H

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  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_

(IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW

LOCATION: ELEVATION 1,270' WATERSHED TRIBUTARY OF JOHNSON FORK

QUADRANGLE BIG ISSAC 7.5' DISTRICT GREENBRIER COUNTY DODDRIDGE

SURFACE OWNER JUNIOR PERINE ACREAGE 89.43 ACRES +/-

OIL & GAS ROYALTY OWNER REXALL BARNETT ET AL; HARRY KING; E. MAY SUMMERS; LEASE ACREAGE 81.4 AC±; 59.3 AC±; 68 AC±;

WALTER NUTTER ET UX; W.V. ROSS; ERVIN R. CARDER; GERALD D. BARNES ET AL; ROSA NICHOLSON; J.J. ADAMS 14.1 AC±; 132 AC±; 52.2 AC±; 46.5 AC±; 96 AC±; 136.3 AC±

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE

PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL \_\_\_

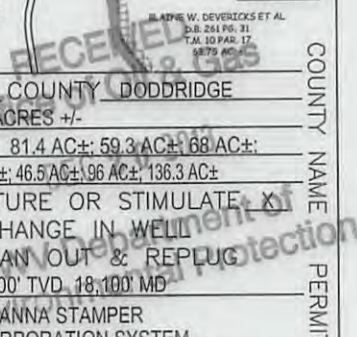
(SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 18,100' MD

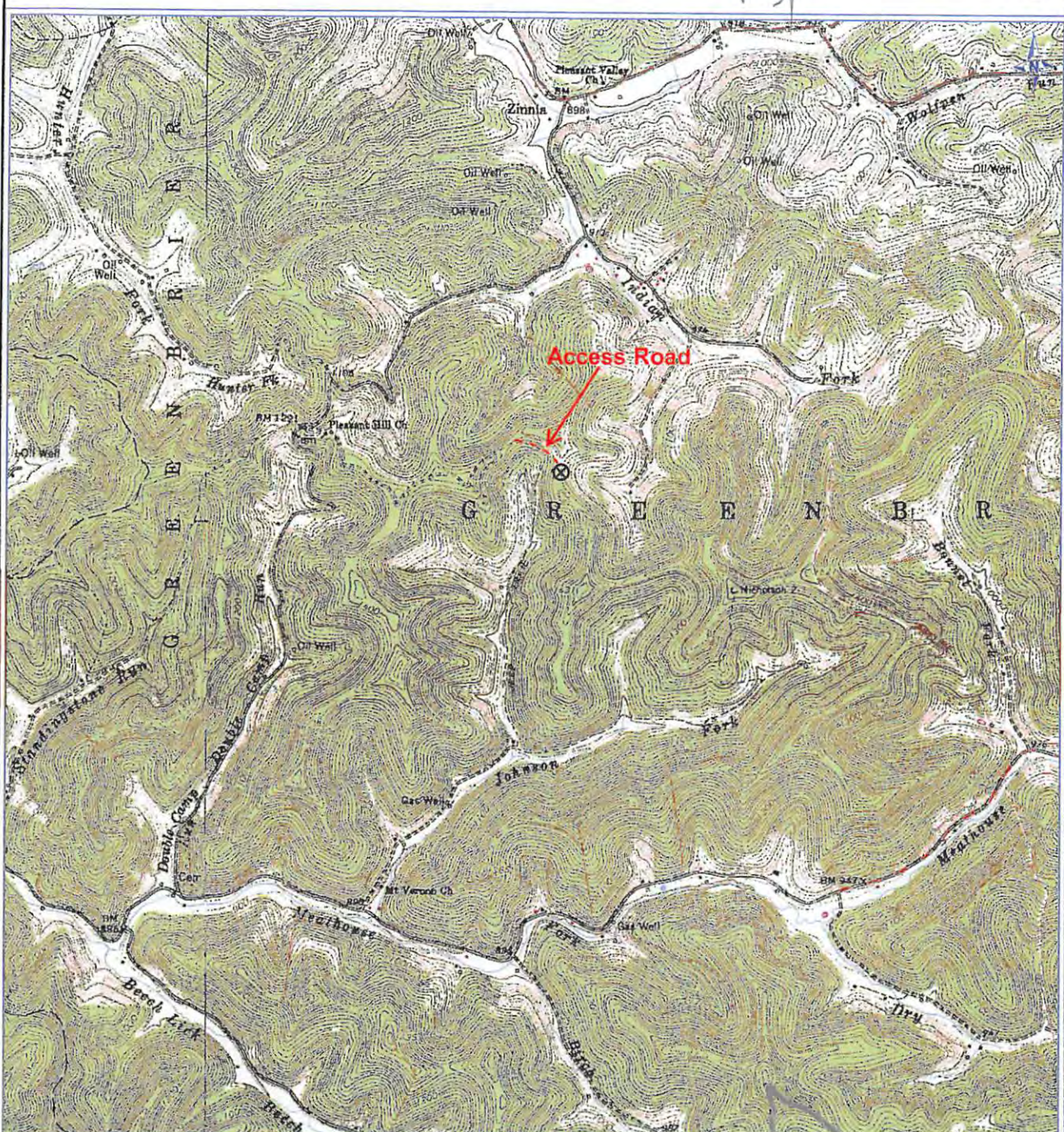
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER

ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD

FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25311



Plat spot 4717006434



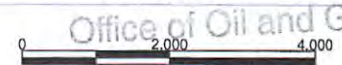
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DCW  
1-9-2014  
MAG

Antero Resources Corporation

Appalachian Basin

Downs Unit 2H  
Doddridge County



JAN 10 2014

REMARKS  
QUADRANGLE: BIG ISAAC  
WATERSHED: U. MIDDLE ISLAND CREEK  
DISTRICT: GREENBRIER

Environmental Protection  
February 11, 2013