

LATITUDE 39°15'00"

10,581'

6,569' TO BOTTOM HOLE

LATITUDE 39°12'30"

LONGITUDE 80°35'00"

11,186'

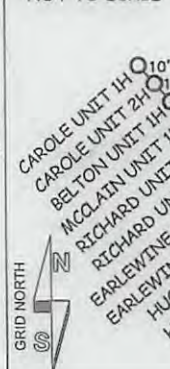
LONGITUDE 80°35'00"

Antero Resources Corporation  
Well No. Richard Unit 2H

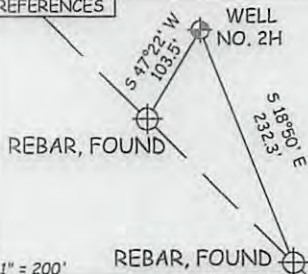
LORY W. CLEVENGER ET AL  
D.B. 153 PG. 776  
T.M. 07 PAR. 21  
82.68 AC. ±

MARSHALL B. NESTOR JR ET AL  
D.B. 276 PG. 577  
T.M. 10 PAR. 11.2  
151.36 AC. ±

PAD LAYOUT  
NOT TO SCALE

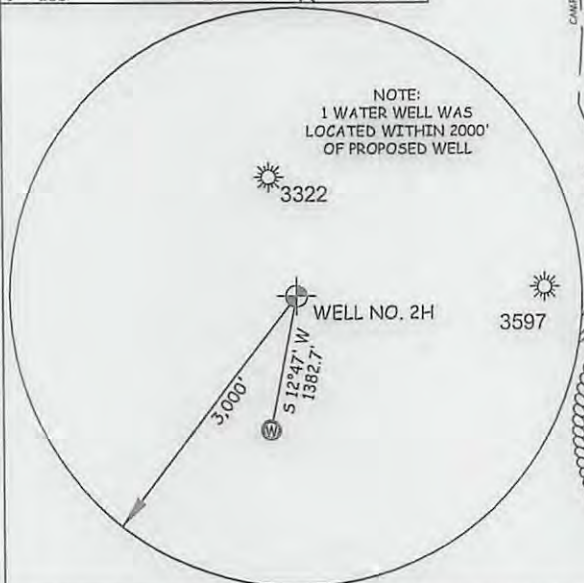


REFERENCES



1" = 200'

NOTE:  
1 WATER WELL WAS  
LOCATED WITHIN 2000'  
OF PROPOSED WELL



PETER C. McDONALD  
D.B. 250 PG. 578  
T.M. 07 PAR. 22  
55 AC. ±

REBAR, FOUND

LANDING POINT  
N: 264117  
E: 1684273

PAULINE BURNETT LEASE

ANNA S. LAYMAN LEASE

ERIC E. NELSON  
D.B. 281 PG. 361  
T.M. 07 PAR. 34  
41.92 AC. ±

ERIC E. NELSON  
D.B. 281 PG. 361  
T.M. 10 PAR. 01.3  
25.72 AC. ±

WILLIAM A. McCLAIN ET AL  
M.B. 12 PG. 10  
T.M. 10 PAR. 02  
29 AC. ±

JANE NOWLIN LEASE

EDWIN W. COX ET AL  
D.B. 259 PG. 323  
T.M. 10 PAR. 13  
75.52 AC. ±

WILLIAM A. McCLAIN ET AL  
M.B. 12 PG. 10  
T.M. 10 PAR. 14  
38 AC. ±

EDWIN W. COX ET AL  
D.B. 259 PG. 323  
T.M. 10 PAR. 13  
75.52 AC. ±

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75.52 AC. ±

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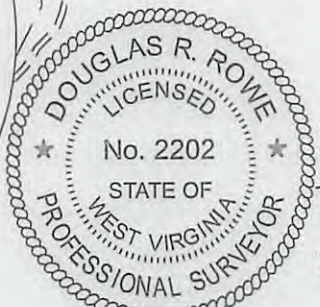
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D.B. 259 PG. 323  
T.M. 10 PAR. 13  
75.52 AC. ±

NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 263,960ft E: 1,682,492ft  
LAT: 39°13'09.44" LON: 80°37'14.45"  
BOTTOM HOLE INFORMATION:  
N: 257,026ft E: 1,686,420ft  
LAT: 39°12'01.39" LON: 80°36'23.45"  
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: 4,341,190m E: 532,760m  
BOTTOM HOLE INFORMATION:  
N: 4,339,098m E: 533,992m

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.



JOB # 12-148WA  
DRAWING # RICHARD2HR1  
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 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

LEGEND

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

DOUGLAS R. ROWE P.S. 2202

DATE 09/12/13

OPERATOR'S WELL# RICHARD UNIT #2H

API WELL # 47 - 017 - 6380  
STATE COUNTY PERM HBA

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 1,331' WATERSHED STANDINGSTONE RUN OF MEATHOUSE FORK

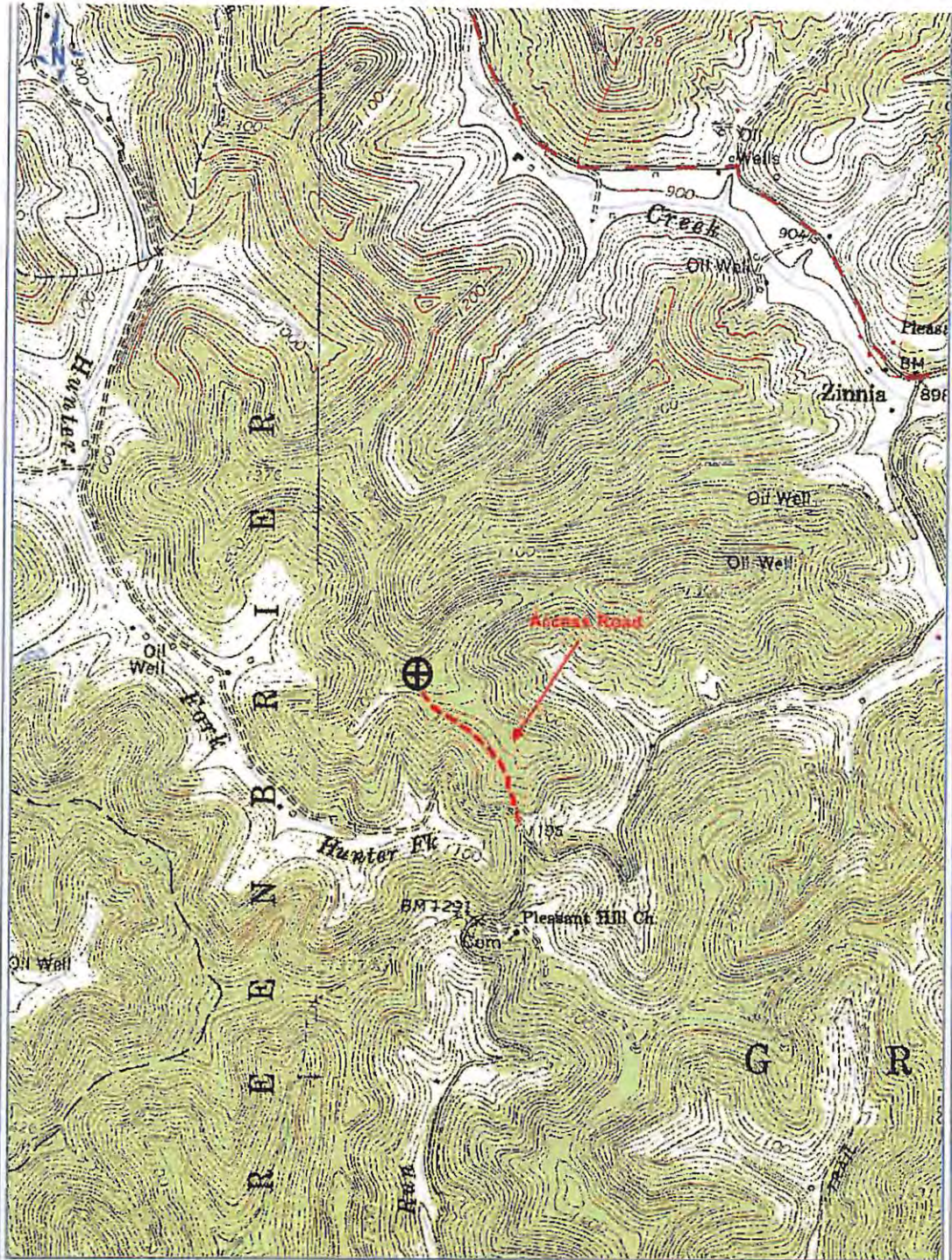
QUADRANGLE BIG ISSAC 7.5' DISTRICT GREENBRIER COUNTY DODDRIDGE  
SURFACE OWNER ERIC E. NELSON, ET AL ACREAGE 41.92 ACRES +/-  
OIL & GAS ROYALTY OWNER PAULINE BURNETT; ANNA S. LAYMAN; ANNA S. LAYMAN LEASE ACREAGE 14.29 ACRES +/-; 25.16 ACRES +/-; 23.9625 ACRES +/-  
ANNA S. LAYMAN; RICHARD CROUSER; JANE NOWLIN; E. MAY SUMMERS; CARL R. MARTIN ET AL; EDWARD L. CUMPTON; DAVID E. BOWYER 18.275 ACRES +/-; 29.93 ACRES +/-; 76 ACRES +/-; 38 ACRES +/-; 115 ACRES +/-; 86 ACRES +/-; 30 ACRES +/-

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 7,500' TVD 15,400' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM  
FORM WW-6 DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD  
CHARLESTON, WV 25313

11/01/2013

plat spotted  
MLV



PETRA 5/1/2013 4:54:52 PM

DCW  
9-30-2013

# Antero Resources Corp

APPALACHIAN BASIN

Richard Unit 2H

Doddridge County

Received  
Office of Oil & Gas

### REMARKS

QUADRANGLE: BIG ISAAC  
WATERSHED: STANDINGS RUN OF MEATHOUSE FORK  
DISTRICT: GREENBRIER

2013

17 06380

By: ECM