

LATITUDE 39°10'00"

8,130'

LATITUDE 39°10'00" 66' TO BOTTOM HOLE

1H BOTTOM HOLE

5,264' LONGITUDE 80°42'30" LONGITUDE 80°40'00"

Antero Resources Appalachian Corporation Well No. Ruckman Unit 3H

WV NORTH ZONE GRID NORTH

JOHN F. ERWIN D.B. 190 PG. 539 T.M. 19 PAR. 01 217.15 AC.±

JUNE WALLACE ET AL D.B. 246 PG. 13 T.M. 19 PAR. 06 124.47 AC.±

JUNE WALLACE ET AL D.B. 246 PG. 13 T.M. 19 PAR. 05 88.57 AC.±

BARBARA PETERSON ET AL D.B. 219 PG. 518 T.M. 19 PAR. 07 8.19 AC.±

GRETEL WALLACE ET AL D.B. 226 PG. 458 T.M. 19 PAR. 18 10.04 AC.±

WELL NO. 3H TOP HOLE

RULA JEAN RUCKMAN ET AL LEASE

DOLORES HONTNERER W.B. 18 PG. 370 T.M. 19 PAR. 02 266 AC.±

EULA JEAN RUCKMAN D.B. 248 PG. 39 T.M. 19 PAR. 08 102.5 AC.±

BARBARA PETERSON ET AL D.B. 219 PG. 518 T.M. 19 PAR. 02 117.47 AC.±

GRACE L. HONTNERER ET AL D.B. 233 PG. 777 T.M. 19 PAR. 18 26 AC.±

GRACE L. HONTNERER ET AL D.B. 240 PG. 453 T.M. 19 PAR. 9.1 8.39 AC.±

DOLORES HONTNERER W.B. 18 PG. 370 T.M. 19 PAR. 05 101.01 AC.±

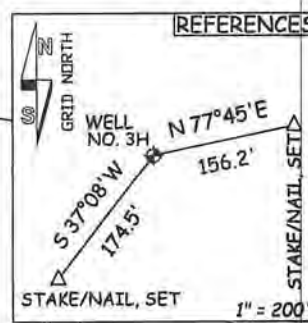
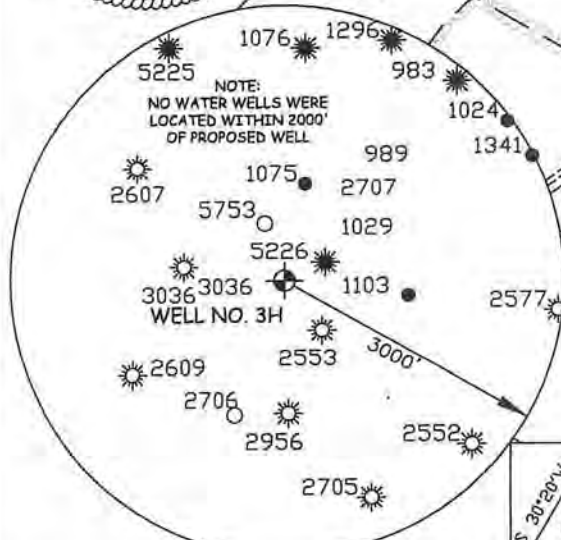
JOHN F. ERWIN D.B. 182 PG. 271 T.M. 19 PAR. 10 42.1 AC.±

JOHN F. ERWIN D.B. 184 PG. 31 T.M. 19 PAR. 12 79.3 AC.±

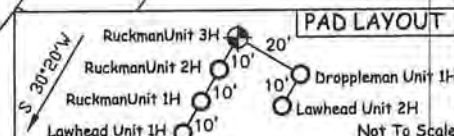
JOHN F. ERWIN D.B. 186 PG. 465 T.M. 19 PAR. 11 104 AC.±

JOHN F. ERWIN ET AL LEASE (21887)

JOHN F. ERWIN LEASE (21888)



NOTES: WELL 3H TOP HOLE INFORMATION: N: 239,805ft E: 1,661,017ft LAT: 39°09'07.97" LON: 80°41'43.20" BOTTOM HOLE INFORMATION: N: 244,508ft E: 1,657,327ft LAT: 39°09'53.97" LON: 80°42'30.84" 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 3H TOP HOLE INFORMATION: N: 4,333,722m E: 526,340m BOTTOM HOLE INFORMATION: N: 4,335,136m E: 525,192m



JOB # 12-013 DRAWING # RUCKMANUNITP3H 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 WILLLOW LAND SURVEYING PLLC 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

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

THOMAS SUMMERS P.S. 2109

DATE 04/10/12 OPERATOR'S WELL# RUCKMAN UNIT #3H

API WELL # 47 - 017 - 6103 H6A 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 1,218' WATERSHED TRIBUTARY OF TOMS FORK QUADRANGLE NEW MILTON 7.5 DISTRICT NEW MILTON COUNTY DODDRIDGE

SURFACE OWNER JOHN F. ERWIN ACREAGE 79.3 ACRES +/- OIL & GAS ROYALTY OWNER JOHN F. ERWIN ET AL (21889); JOHN F. ERWIN ET AL (21887); CLAY KRENN; EULA JEAN RUCKMAN ET AL LEASE ACREAGE 79.3 ACRES+; 104 ACRES+; 42 ACRES+; 235.72 ACRES+

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 7,300' TVD 13,800' MD

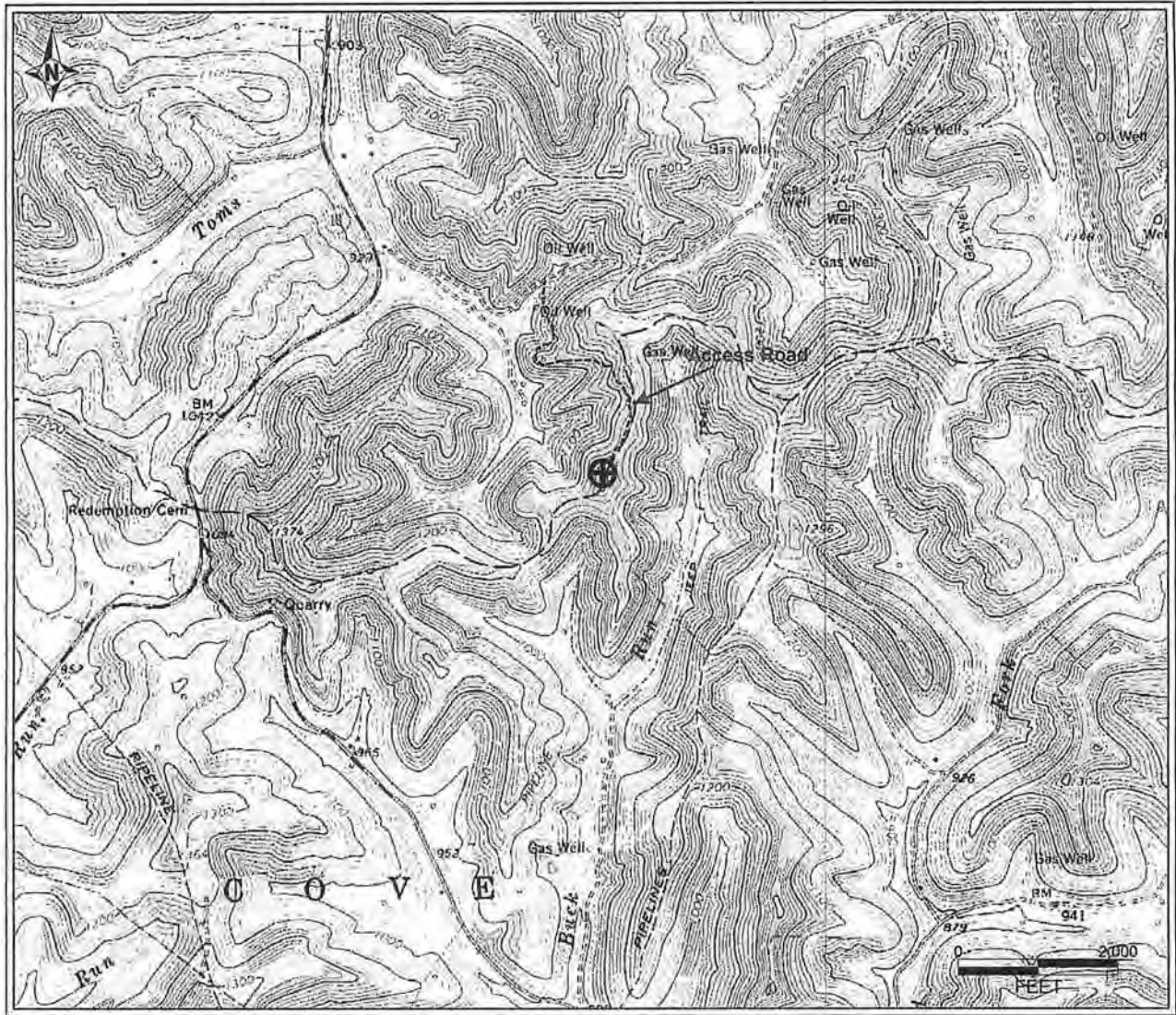
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT CT CORPORATION SYSTEM ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD DENVER, CO 80202 CHARLESTON, WV 25313

FORM WW-6

COUNTY NAME PERMIT

08/17/2012

EXHIBIT 2, TOPOGRAPHICAL MAP OF WELL SITE LOCATION (ERWIN VALLEY PAD)



PETRA 3/27/2012 4:45:21 PM

Antero Resources Corporation
APPALACHIAN BASIN
Erwin Valley Pad Doddridge County
REMARKS QUADRANGLE: NEW MILTON WATERSHED: TRIB. OF TOMS FORK DISTRICT: NEW MILTON
Date: 4/4/2012