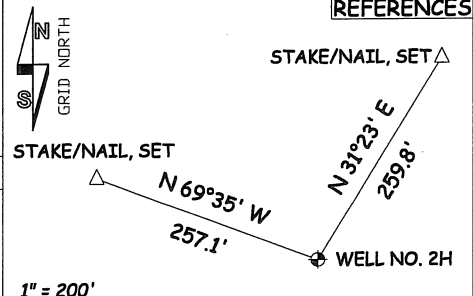


NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 256,309ft E: 1,607,635ft
LAT: 39°11'43.5" LON: 80°53'04.0"
BOTTOM HOLE INFORMATION:
 N: 249,898ft E: 1,611,038ft
LAT: 39°10'40.7" LON: 80°52'19.5"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

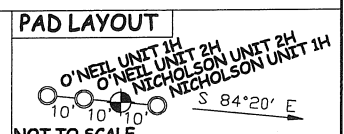
2H TOP HOLE PULLMAN 7.5' SPOT
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
 N: 4,338,479m E: 509,994m
BOTTOM HOLE INFORMATION:
 N: 4,336,543m E: 511,063m

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



JOB # **12-006**
 DRAWING # **NICHOLSONUNITP2H**
 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

DOUGLAS R. ROWE P.S. 2202
 DATE **02/16/12**
 OPERATOR'S WELL # **NICHOLSON UNIT #2H**

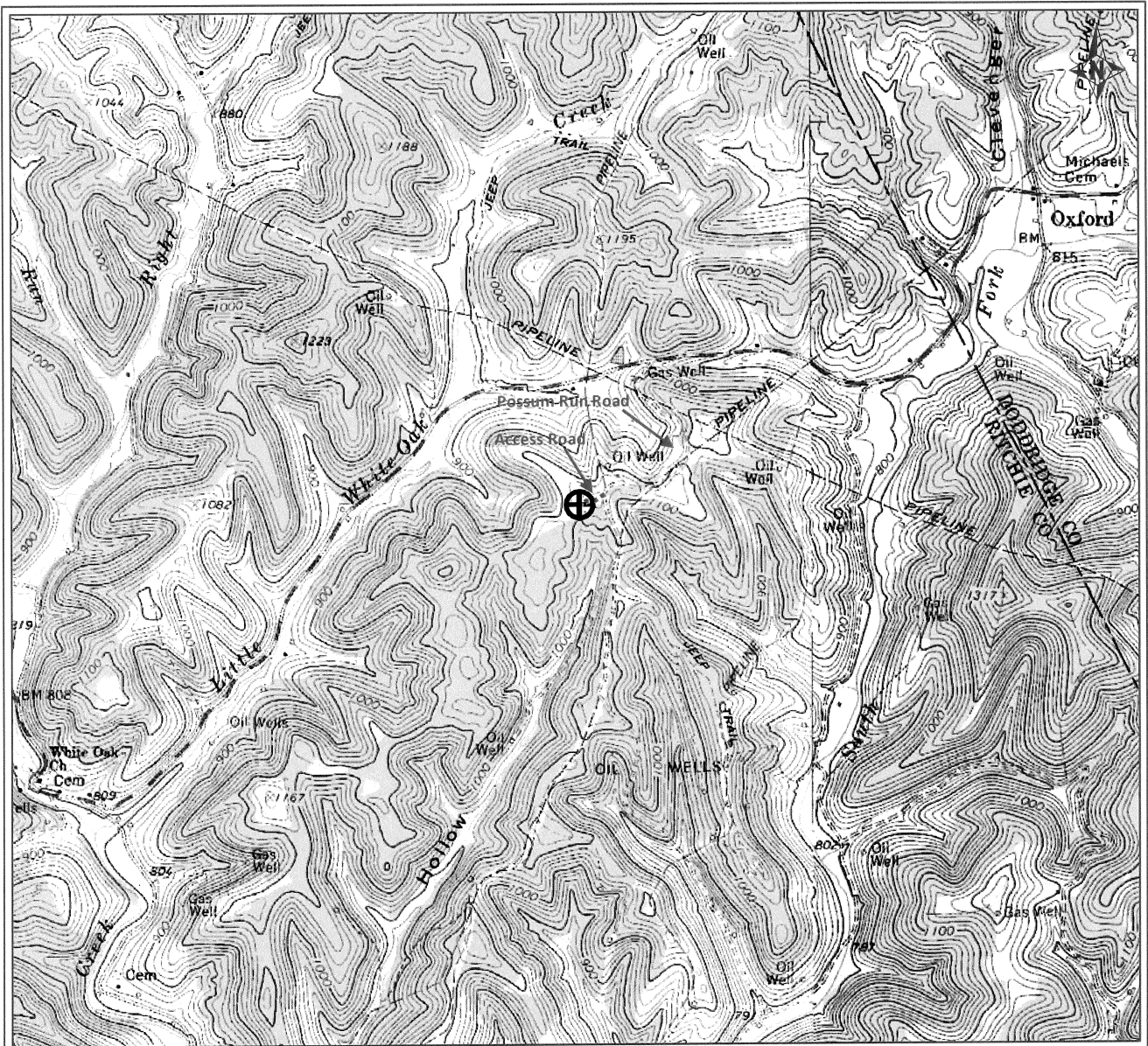
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION **1,142'** WATERSHED **LITTLE WHITE OAK CREEK**

API WELL # **47 - 085 - 9960**
 STATE COUNTY PERMIT

QUADRANGLE **PULLMAN 7.5' (TH); OXFORD 7.5' (BH)** DISTRICT **UNION** COUNTY **RITCHIE**
 SURFACE OWNER **ANDREW WILLIAMSON ET AL** ACREAGE **93.81 ACRES +/-**
 OIL & GAS ROYALTY OWNER **GEORGE P. BLACK HEIRS ET AL; NAOMI ALLENDER ET AL; CHUCK NICHOLSON; DAVID WEEKLEY ET AL** LEASE ACREAGE **93 ACRES +/-; 27.91 ACRES±; 315 ACRES±; 62.75 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 ESTIMATED DEPTH **6,900' TVD 15,100' MD**
 TARGET FORMATION **MARCELLUS**
 WELL OPERATOR **ANTERO RESOURCES APPALACHIAN CORP.** DESIGNATED AGENT **DIANNA STAMPER**
 ADDRESS **1625 17TH STREET** ADDRESS **5400 D BIG TYLER ROAD**
DENVER, CO 80202 **CHARLESTON, WV 25313**

FORM WW-6



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Office of Oil & Gas
MAR 13 2012
WV Department of
Environmental Protection

Antero Resources Corporation

APPALACHIAN BASIN

Nicholson Unit 2H

RITCHIE COUNTY

REMARKS

QUADRANGLE: PULLMAN
WATERSHED: LITTLE WHITE OAK
DISTRICT: UNION



February 24, 2012