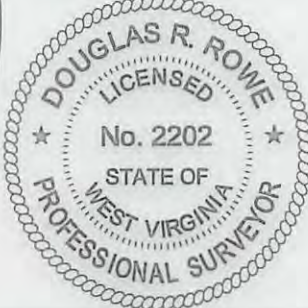
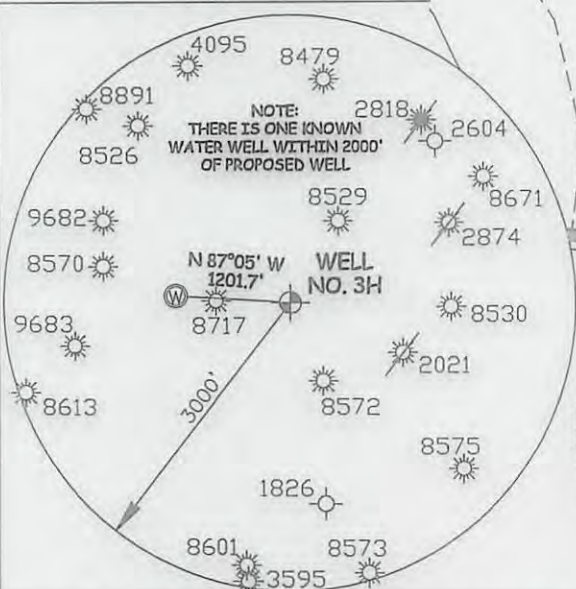
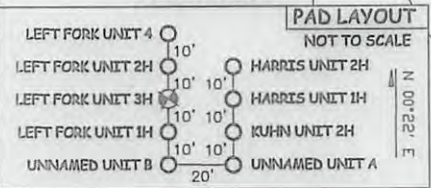
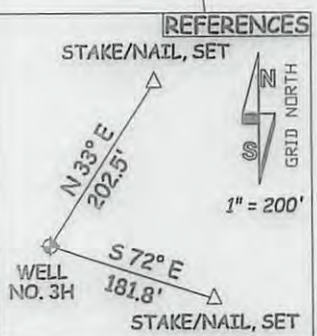
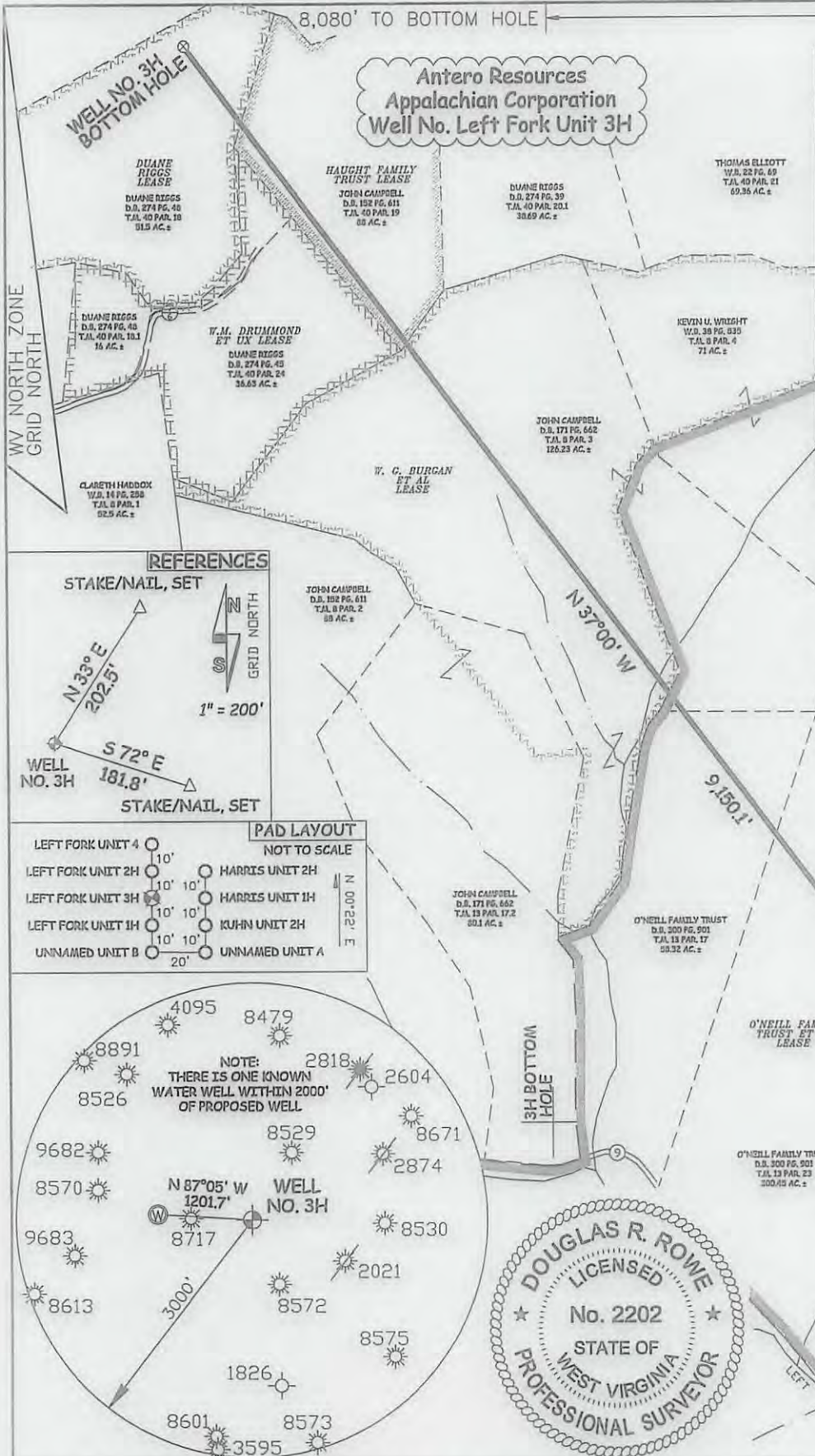


**Antero Resources
Appalachian Corporation
Well No. Left Fork Unit 3H**

NOTES:
WELL 3H TOP HOLE INFORMATION:
N: 254,341ft E: 1,595,213ft
LAT: 39°11'22.14" LON: 80°55'41.35"
BOTTOM HOLE INFORMATION:
N: 262,362ft E: 1,590,515ft
LAT: 39°12'40.67" LON: 80°56'42.65"
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: 4,337,816m E: 506,219m
BOTTOM HOLE INFORMATION:
N: 4,340,235m E: 504,747m

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



JOB # 12-045
DRAWING # LEFTFORKUNIT3HR1
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

D. R. Rowe
DOUGLAS R. ROWE P.S. 2202
DATE 04/29/13
OPERATOR'S WELL# LEFT FORK UNIT #3H
API WELL # 47 - 085 - MOD 09987 H6A
STATE COUNTY PERMIT

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

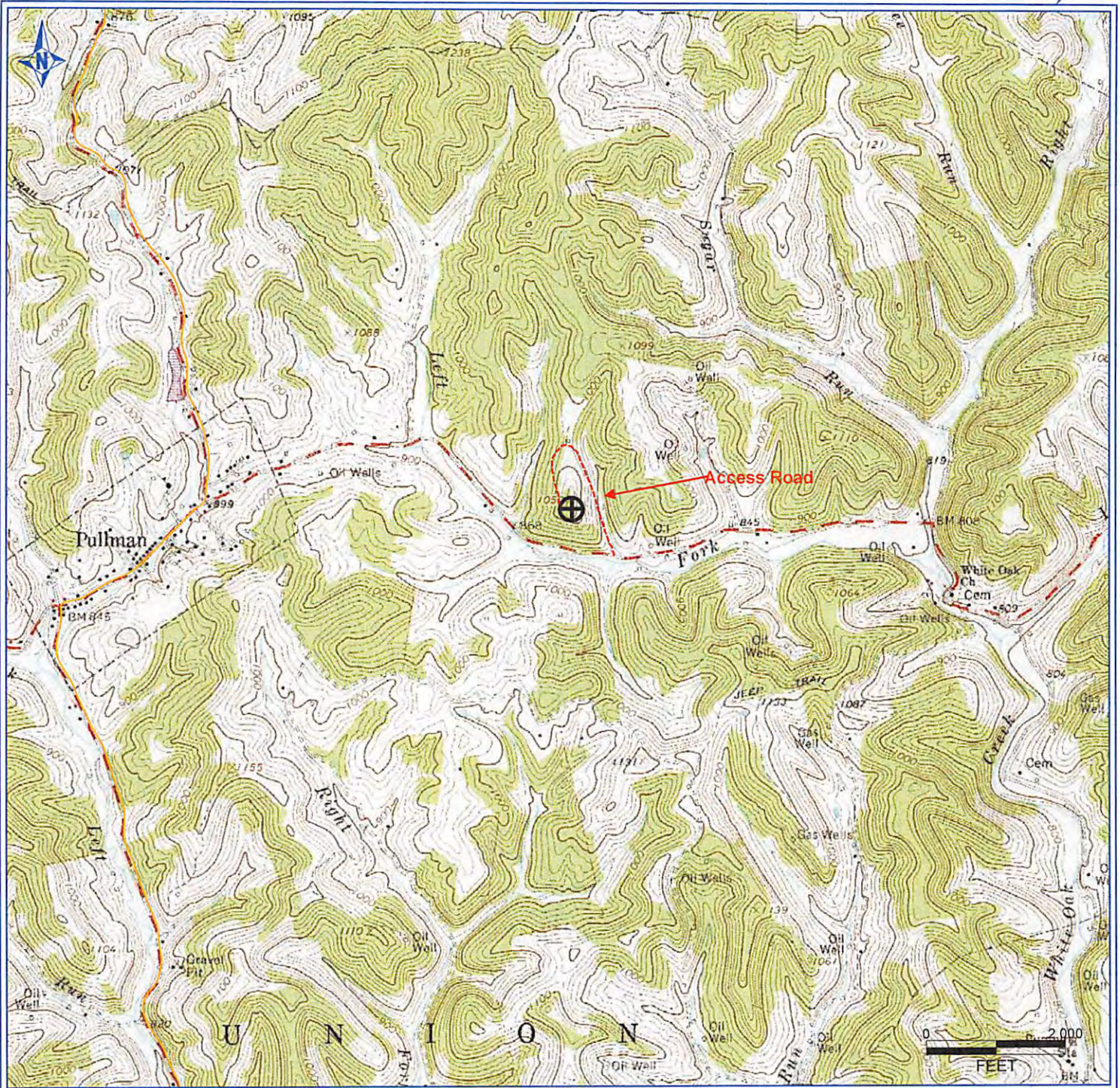
WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW

LOCATION: ELEVATION 1,022' WATERSHED LEFT FORK

QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE

SURFACE OWNER O'NEILL FAMILY TRUST ET AL ACREAGE 300.45 ACRES +/-
OIL & GAS ROYALTY OWNER O'NEILL FAMILY TRUST ET AL; W. G. BURGAN ET AL; HAUGHT FAMILY TRUST; DUANE RIGGS LEASE ACREAGE 517.83 ACRES +/-
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) *BH - Permit Modification* PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 16,400' MD

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER 10/11/2013
ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



PETRA 6/26/2012 2:36:01 PM

Antero Resources Corporation

APPALACHIAN BASIN

Left Fork Unit 3H

Ritchie County



REMARKS
 QUADRANGLE: PULLMAN
 WATERSHED: LEFT FORK
 DISTRICT: UNION

Date: 7/05/2012

RECEIVED
 CHIEF OF COURSE
 JUL 19 2012
 WV Department of Environmental Protection