

LATITUDE 39°12'30" 272'

6,164' TO BOTTOM HOLE

LATITUDE 39°12'30"

LONGITUDE 80°42'30"

5,749' TO BOTTOM HOLE

LONGITUDE 80°42'30"

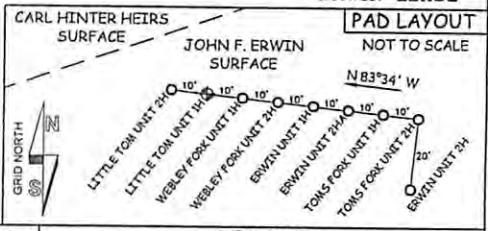
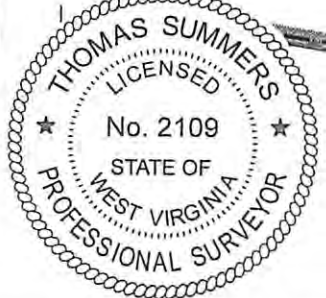
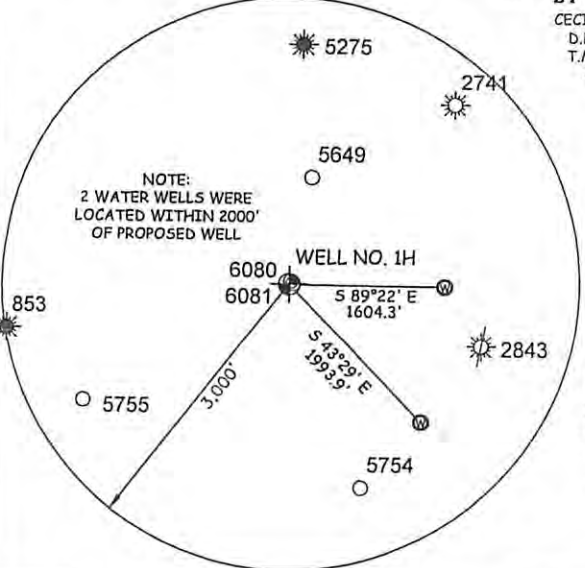
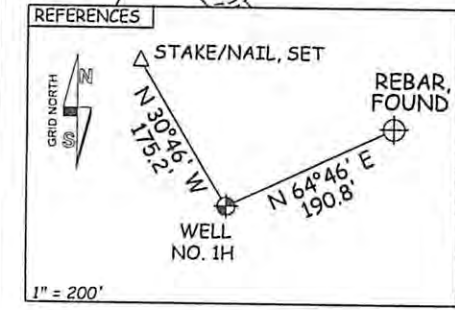
Antero Resources
Appalachian Corporation
Well No. Little Tom Unit 1H

- A- ROBERT V. DEVERICKS D.B. 244 PG. 52 T.M. 14 PAR 08.4 0.74 ACRES±
- B- ROBERT V. DEVERICKS D.B. 229 PG. 152 T.M. 14 PAR 08.3 1 ACRE±
- C- GREGORY ROBINSON ET AL D.B. 193 PG. 508 T.M. 14 PAR 08.1 1 ACRE±
- D- KATHERINE DOTSON D.B. 241 PG. 687 T.M. 14 PAR 08.2 0.91 ACRES±
- E- HERBERT J. RICHARDS ET AL D.B. 209 PG 617 T.M. 14 PAR 09.2 1.1 ACRES±

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 249,339ft E: 1,657,186ft
LAT: 39°10'41.69" LON: 80°42'33.45"
BOTTOM HOLE INFORMATION:
N: 254,628ft E: 1,651,365ft
LAT: 39°11'33.18" LON: 80°43'48.29"
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 1H TOP HOLE INFORMATION:
N: 4,336,607m E: 525,125m
BOTTOM HOLE INFORMATION:
N: 4,338,189m E: 523,324m

WV NORTH ZONE GRID NORTH



JOB # 12-069WA
DRAWING # LITTLE TOM 1H
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 1,227' WATERSHED TOMS FORK

QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE

SURFACE OWNER JOHN F. ERWIN ACREAGE 217.15 ACRES +/-

OIL & GAS ROYALTY OWNER JOHN F. & SANDRA E. ERWIN; RICHARD K. NICHOLSON ET AL; UDELLA MAE PROUDFOOT BARNETT; JOAN COX BARR ET AL; PAUL ROBINSON ET AL LEASE ACREAGE 218 ACRES±; 62.154 ACRES±; 83.109 ACRES±; 209.549 ACRES±; 80 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 7,100' TVD 15,000' MD

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM

ADDRESS 1625 17TH STREET DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

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 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

THOMAS SUMMERS P.S. 2109

DATE 09/13/12

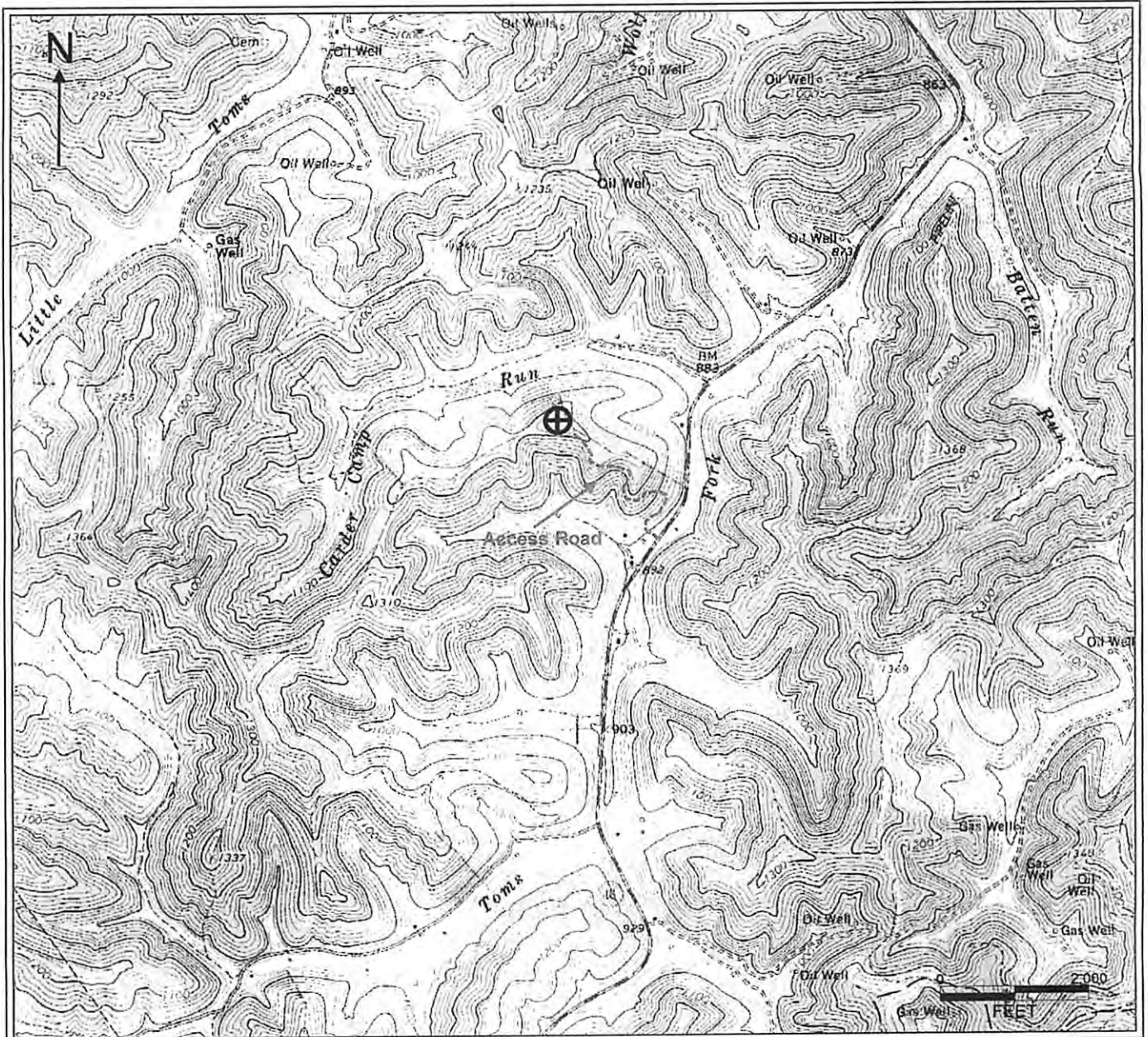
OPERATOR'S WELL # LITTLE TOM UNIT 1H

API WELL # 47 - 017 - 6157 HGA

STATE COUNTY PERMIT

COUNTY NAME PERMIT

12/28/2012

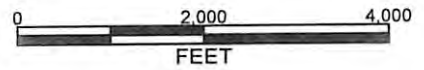


PETRA 1/4/2012 10:17:06 AM

Antero Resources Corporation

APPALACHIAN BASIN

Little Tom Unit 1H
Doddridge County



REMARKS
QUADRANGLE: NEW MILTON
WATERSHED: TOMS FORK
DISTRICT: NEW MILTON

Date: 10/01/2012