

LATITUDE 39°12'30"

7,361'

2,535' TO BOTTOM HOLE

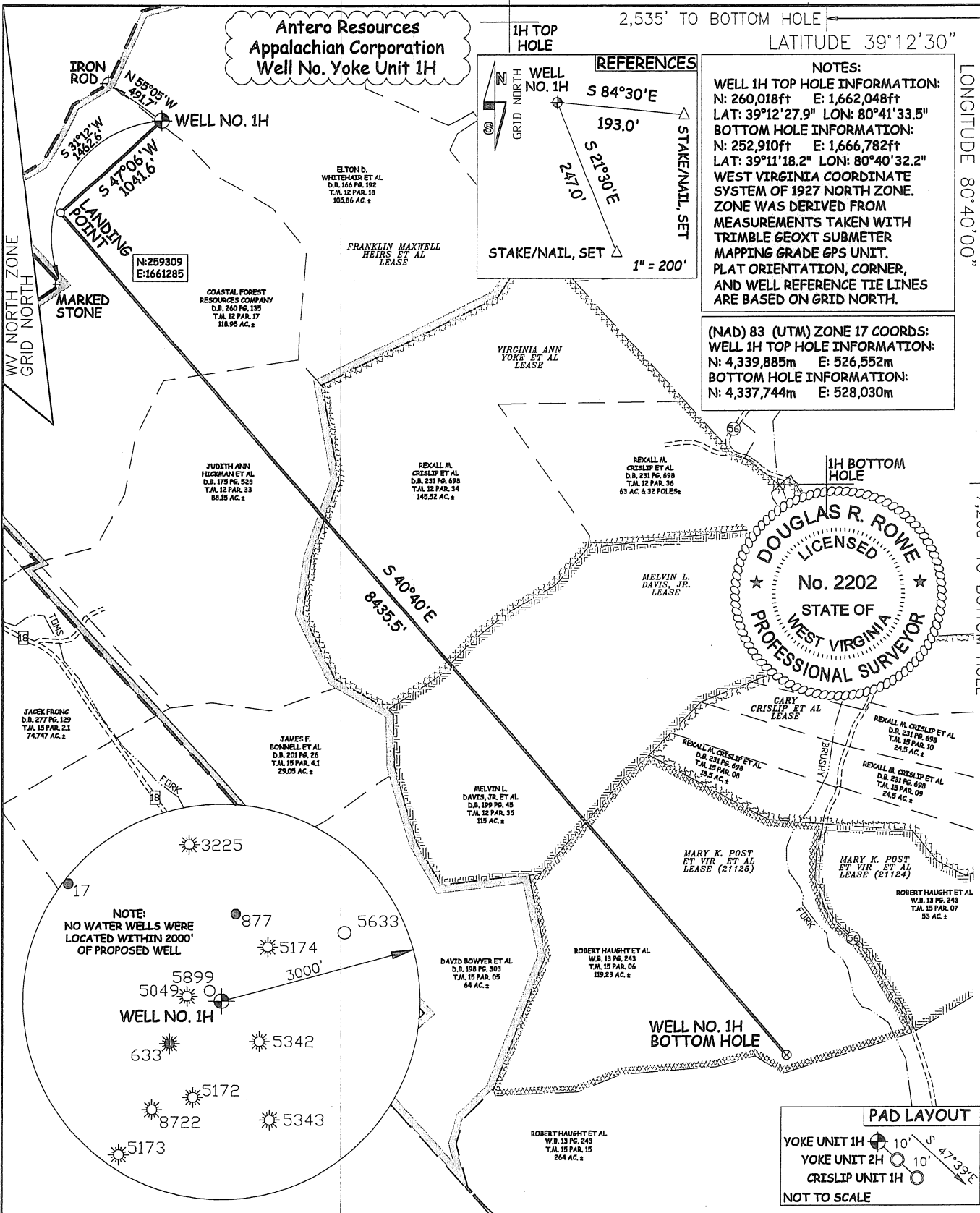
LATITUDE 39°12'30"

LONGITUDE 80°40'00"

215' LONGITUDE 80°40'00"

7,260' TO BOTTOM HOLE

Antero Resources Appalachian Corporation Well No. Yoke Unit 1H



**REFERENCES**

WELL NO. 1H

S 84°30'E 193.0'

S 21°30'E 247.0'

STAKE/NAIL, SET

1" = 200'

**NOTES:**

WELL 1H TOP HOLE INFORMATION:  
N: 260,018ft E: 1,662,048ft  
LAT: 39°12'27.9" LON: 80°41'33.5"

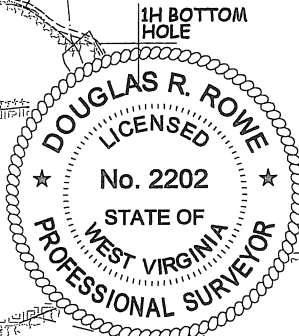
BOTTOM HOLE INFORMATION:  
N: 252,910ft E: 1,666,782ft  
LAT: 39°11'18.2" LON: 80°40'32.2"

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.

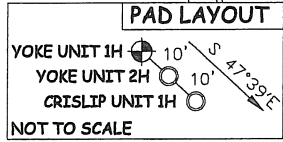
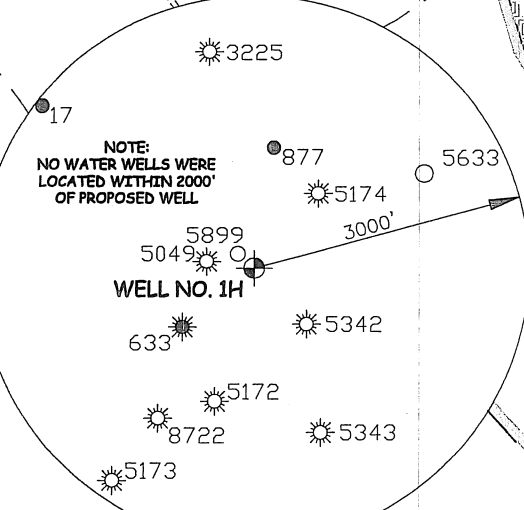
(NAD) 83 (UTM) ZONE 17 COORDS:

WELL 1H TOP HOLE INFORMATION:  
N: 4,339,885m E: 526,552m

BOTTOM HOLE INFORMATION:  
N: 4,337,744m E: 528,030m



NOTE:  
NO WATER WELLS WERE LOCATED WITHIN 2000' OF PROPOSED WELL



JOB # 12-011  
DRAWING # YOKEUNITP1H  
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 1,241' WATERSHED TOMS FORK & MEATHOUSE FORK

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

**LEGEND**

--- Surface Owner Boundary Lines +/-

- - - Interior Surface Tracts +/-

- x - x - Existing Fence

⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202

DATE 03/19/12

OPERATOR'S WELL# YOKE UNIT #1H

API WELL # 47 - 017 - 6097 HeA

STATE COUNTY PERMIT

QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE

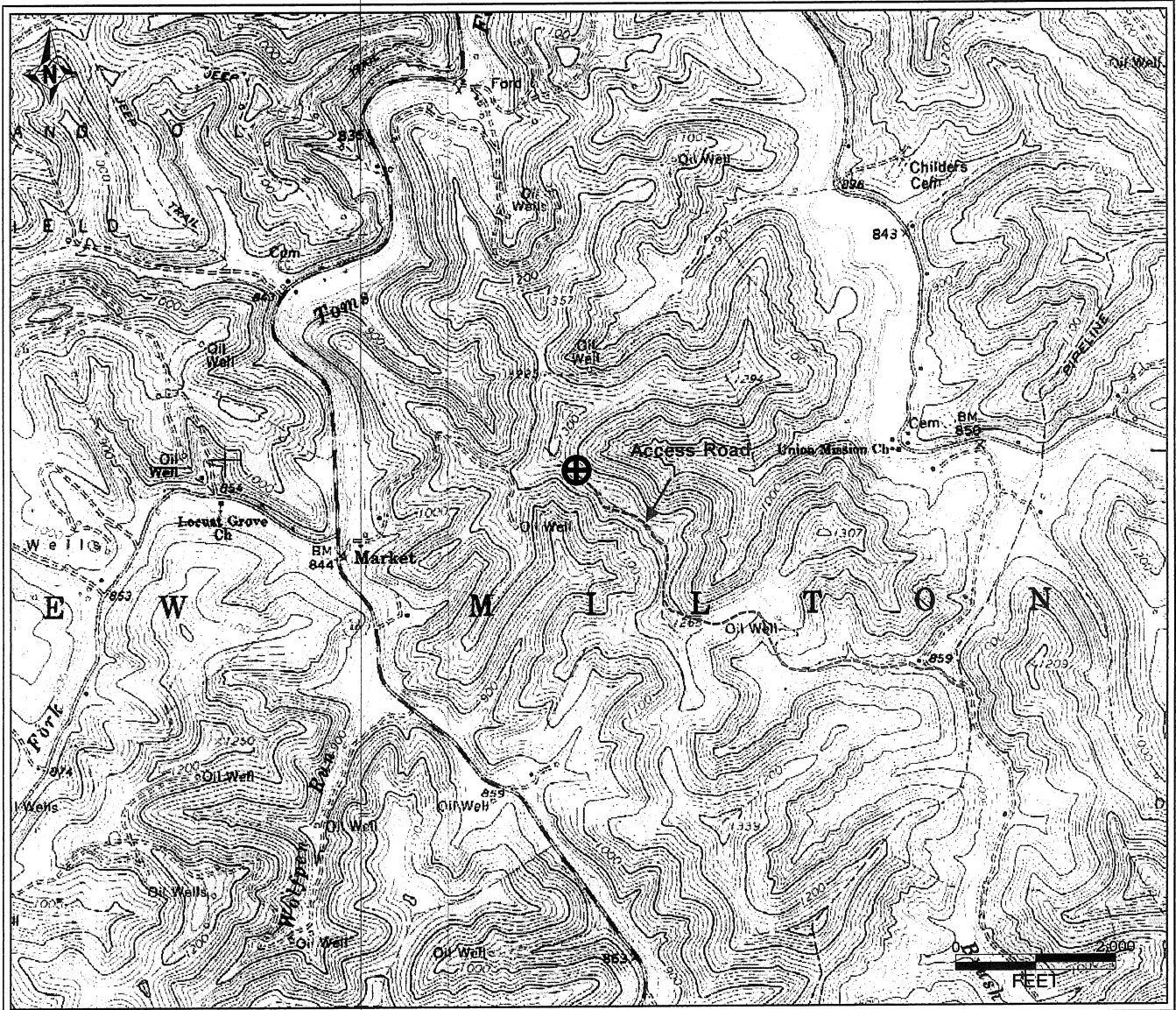
SURFACE OWNER ELTON D. WHITEHAIR ET AL ACREAGE 105.86 ACRES +/-  
OIL & GAS ROYALTY OWNER FRANKLIN MAXWELL HEIRS ET AL; VIRGINIA ANN YOKE ET AL; MELVIN L. DAVIS, JR.; MARY K. POST ET VIR ET AL (21125) LEASE ACREAGE 580 ACRES +/-; 145 ACRES+; 115 ACRES+; 119.23 ACRES+;

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULTE   
PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_ PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 16,200' MD

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

COUNTY NAME PERMIT

17-6097



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RECEIVED  
 OFFICE OF OIL & GAS  
 APR 19 2012  
 WV Department of  
 Environmental Protection

<b>Antero Resources Corporation</b>
APPALACHIAN BASIN
Yoke Unit 1H Doddridge County
REMARKS QUADRANGLE: NEW MILTON WATERSHED: TOMS FORK & MEATHOUSE FORK DISTRICT: NEW MILTON
Date: 3/27/2012

06/01/2012