

LATITUDE 39°12'30"

9,360'

1,733' TO BOTTOM HOLE

LATITUDE 39°12'30"

241' TO BOTTOM HOLE
LONGITUDE 80°42'30"

8,269'

LONGITUDE 80°40'00"

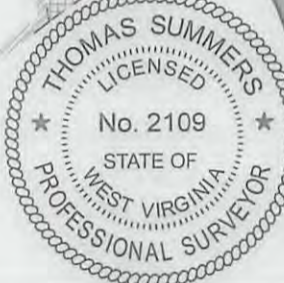
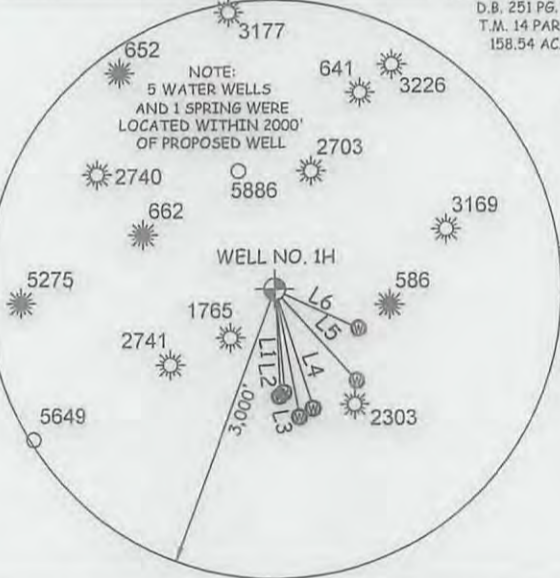
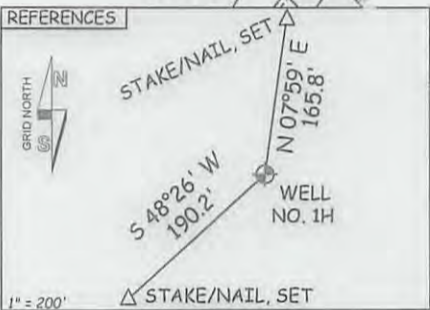
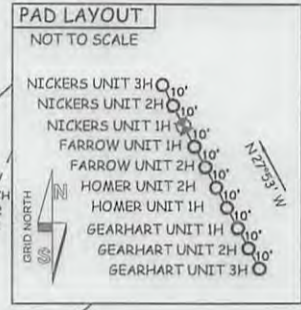
Antero Resources
Appalachian Corporation
Well No. Nickers Unit 1H

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 251,991ft E: 1,659,945ft
 LAT: 39°11'08.27" LON: 80°41'58.87"
 BOTTOM HOLE INFORMATION:
 N: 260,075ft E: 1,655,869ft
 LAT: 39°12'27.62" LON: 80°42'52.02"
 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: 4,337,429m E: 525,952m
 BOTTOM HOLE INFORMATION:
 N: 4,339,871m E: 524,669m

LINE	BEARING	DISTANCE
L1	S 02°18' E	1107.8'
L2	S 04°55' E	1068.2'
L3	S 10°43' E	1345.1'
L4	S 17°44' E	1293.5'
L5	S 42°06' E	1272.2'
L6	S 65°15' E	961.2'

NOTE
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED
 (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY
 CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED
 TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD



JOB # 13-029WA
 DRAWING # NICKERS1HR2
 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 RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



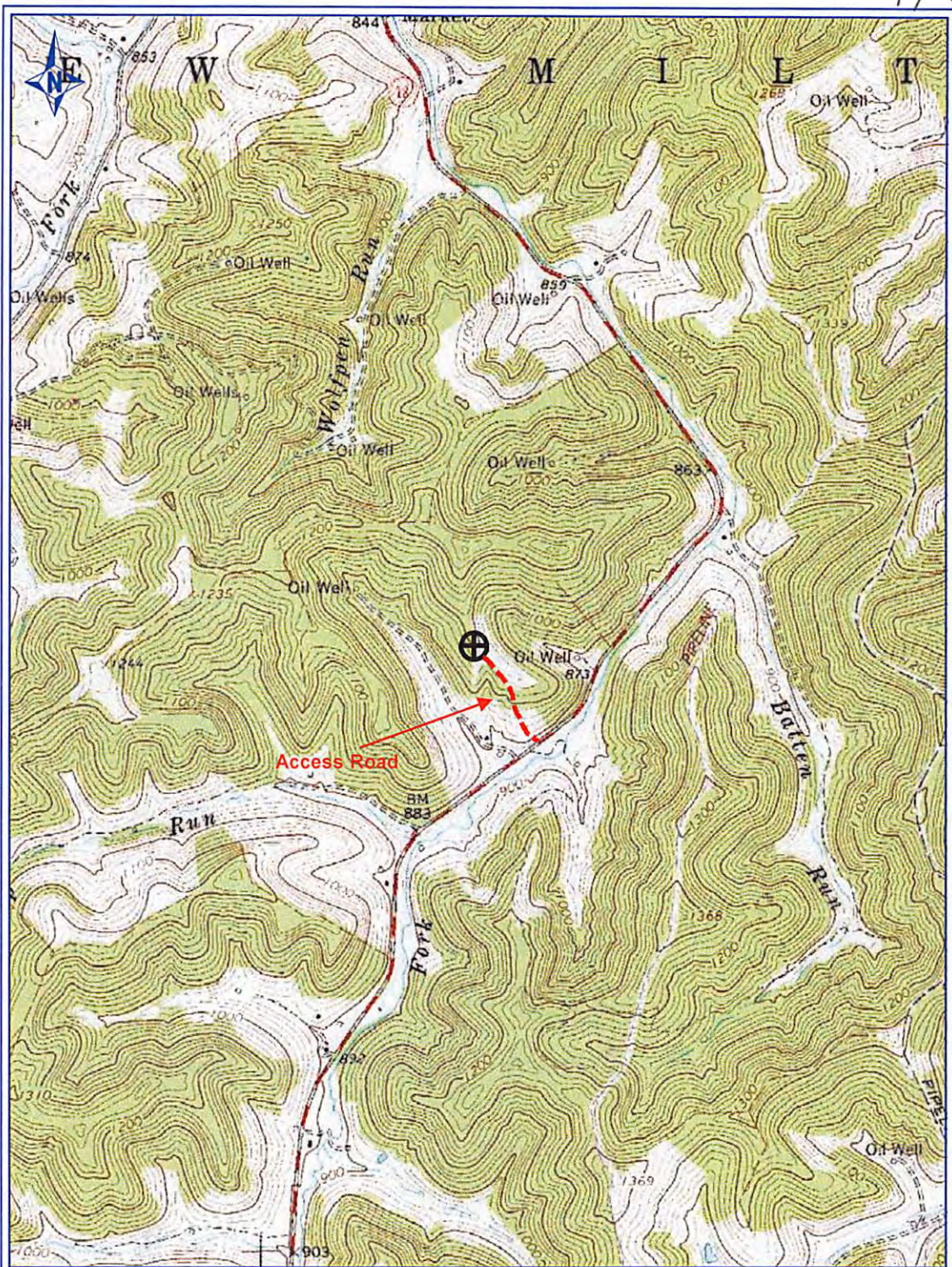
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

THOMAS SUMMERS P.S. 2109
 DATE 07/18/13
 OPERATOR'S WELL# NICKERS UNIT #1H
 API WELL # 47 - 017 - 06305 #6A
 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 1,096' WATERSHED TOMS FORK
 QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE
 SURFACE OWNER JOHNNIE CLINE ET AL ACREAGE 70.088 ACRES +/-
 OIL & GAS ROYALTY OWNER FRANK HINTER ET AL; GROVER JOHNSON ET AL; H.G. ROBINSON ET UX; S.A. HURST ET UX; STOKES HURST JR. ET UX LEASE ACREAGE 329.73 ACRES±; 153.25 ACRES±; 169.8 ACRES±; 156 ACRES±; 211 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 7,200' TVD 15,600' MD
 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 25312

09/27/2013



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Received
Office of Oil & Gas

JUN 26 2013

Antero Resources Corp

APPALACHIAN BASIN

Nickers Unit 1H

Doddridge County

REMARKS

QUADRANGLE: NEW MILTON
WATERSHED: TOM'S FORK
DISTRICT: NEW MILTON

By: ECM

