

LATITUDE 39°12'30"

9,379'

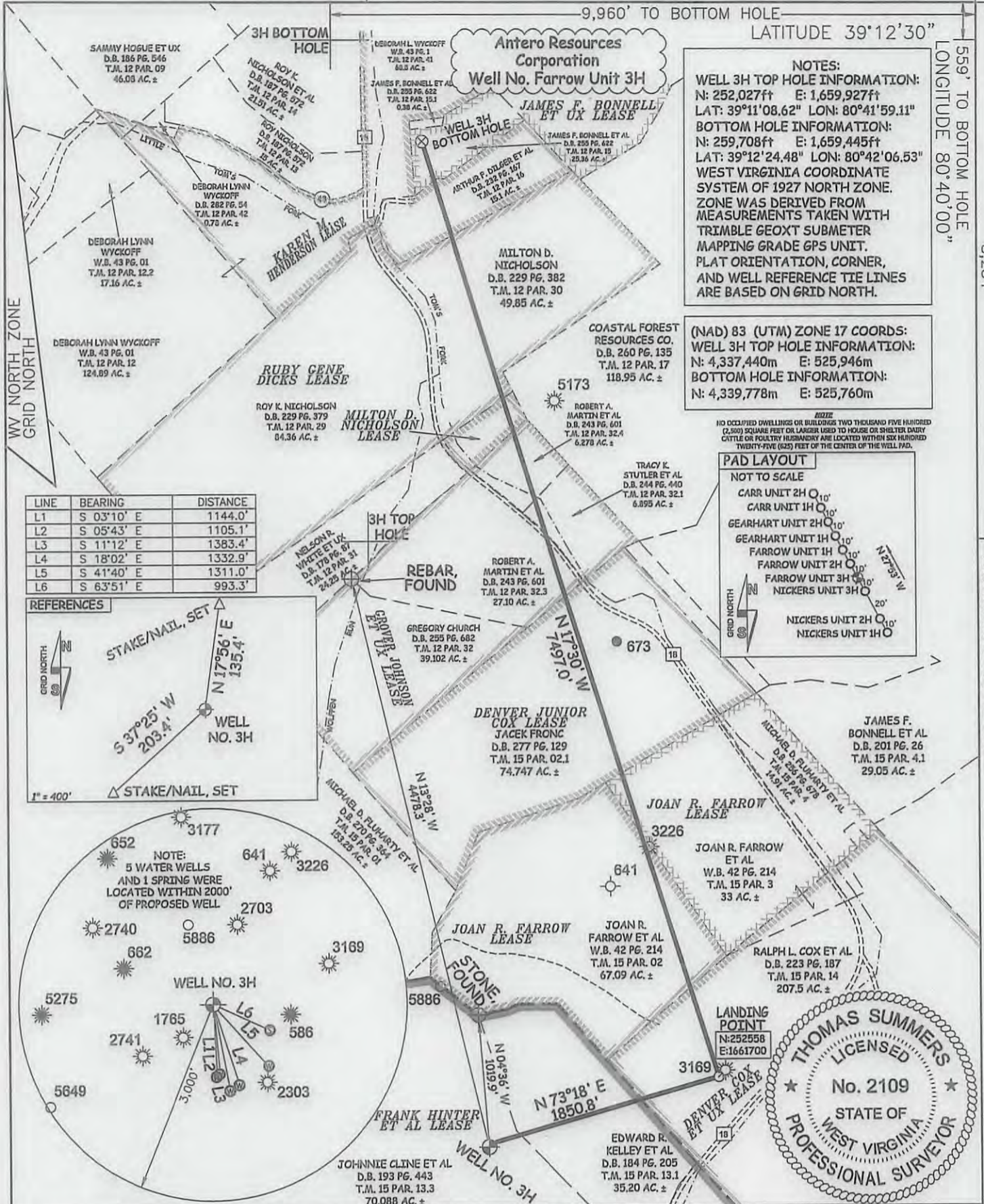
9,960' TO BOTTOM HOLE

LATITUDE 39°12'30"

559' TO BOTTOM HOLE
LONGITUDE 80°40'00"

8,234'

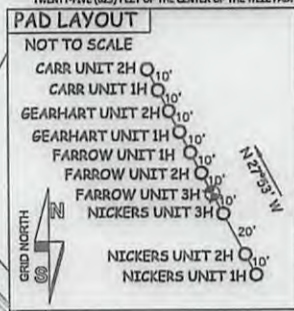
LONGITUDE 80°40'00"



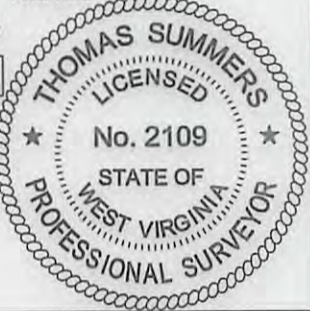
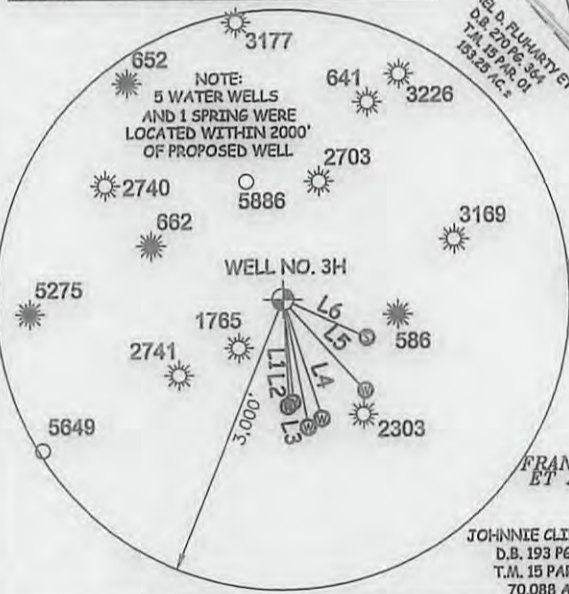
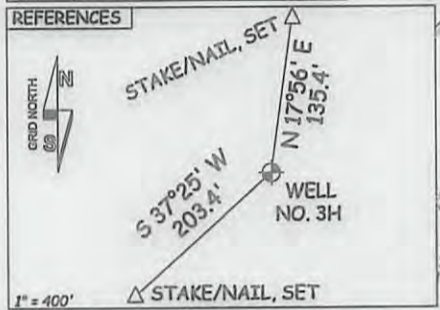
NOTES:
WELL 3H TOP HOLE INFORMATION:
 N: 252,027ft E: 1,659,927ft
 LAT: 39°11'08.62" LON: 80°41'59.11"
BOTTOM HOLE INFORMATION:
 N: 259,708ft E: 1,659,445ft
 LAT: 39°12'24.48" LON: 80°42'06.53"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,337,440m E: 525,946m
BOTTOM HOLE INFORMATION:
 N: 4,339,778m E: 525,760m

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



LINE	BEARING	DISTANCE
L1	S 03°10' E	1144.0'
L2	S 05°43' E	1105.1'
L3	S 11°12' E	1383.4'
L4	S 18°02' E	1332.9'
L5	S 41°40' E	1311.0'
L6	S 63°51' E	993.3'



JOB # 13-067WA
 DRAWING # FARROW3HR1
 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 11/18/13

OPERATOR'S WELL # FARROW UNIT #3H
 API WELL # 47 - 017 - 06366 H6A

STATE WV COUNTY WV PERMIT 06366 H6A

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

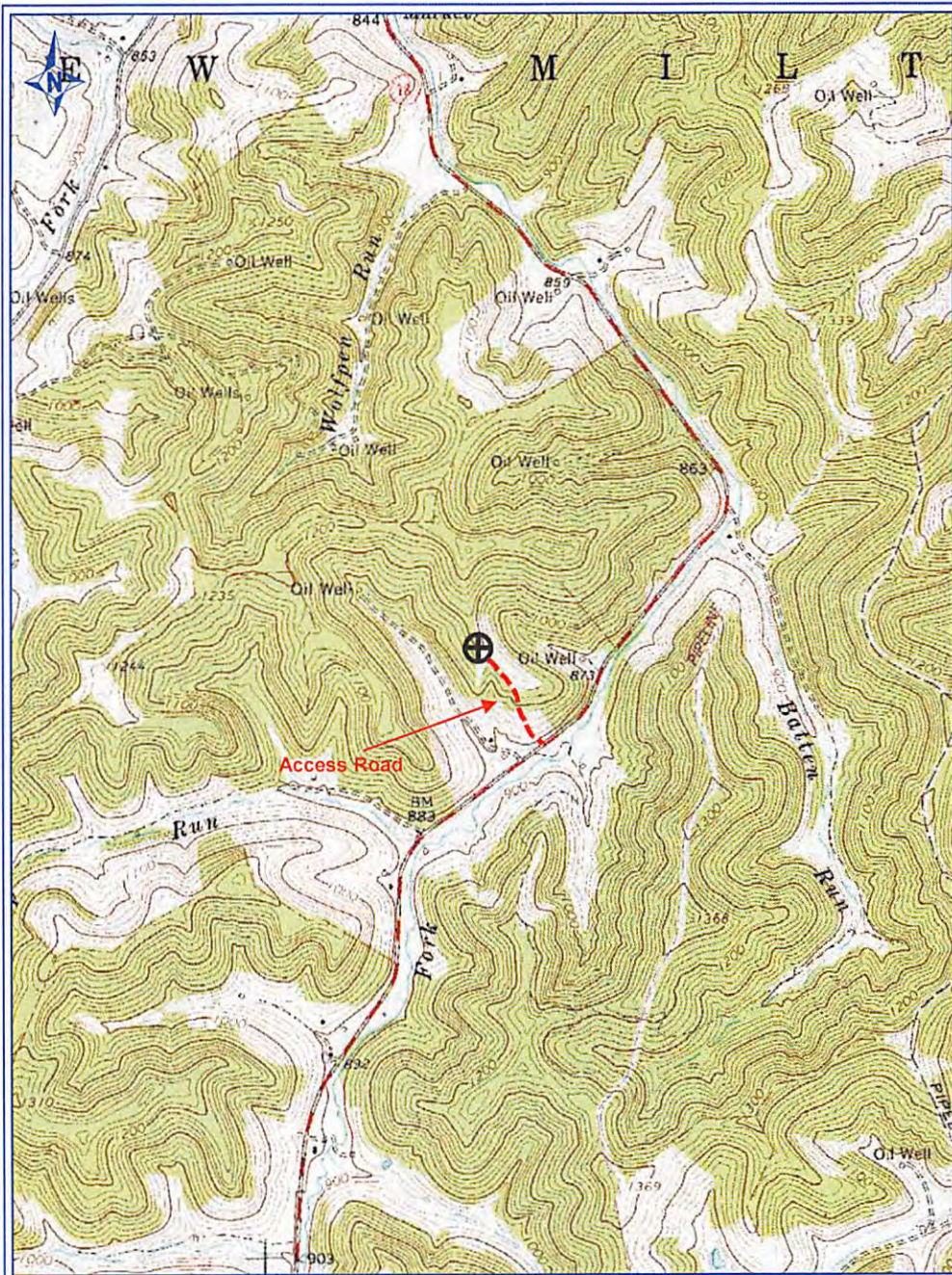
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,096' WATERSHED TOMS FORK

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; DENVER COX ET UX; JOAN R. FARROW; JOAN R. FARROW; DENVER JUNIOR COX; GROVER JOHNSON ET UX; MILTON D. NICHOLSON; RUBY GENE DICKS; KAREN M. HENDERSON; JAMES F. BONNELL ET UX LEASE ACREAGE 329.73 AC±; 206 AC±; 67 AC±; 52.4033 AC±; 80 AC±; 81 AC±; 5.9 AC±; 117.197 AC±; 84.96 AC±; 27.163 AC±

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 15,800' MD

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



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Received

AUG 30 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

Antero Resources Corp

APPALACHIAN BASIN

Farrow Unit 3H

REMARKS

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

By: ECM

