

LATITUDE 39°12'30"

9,379'

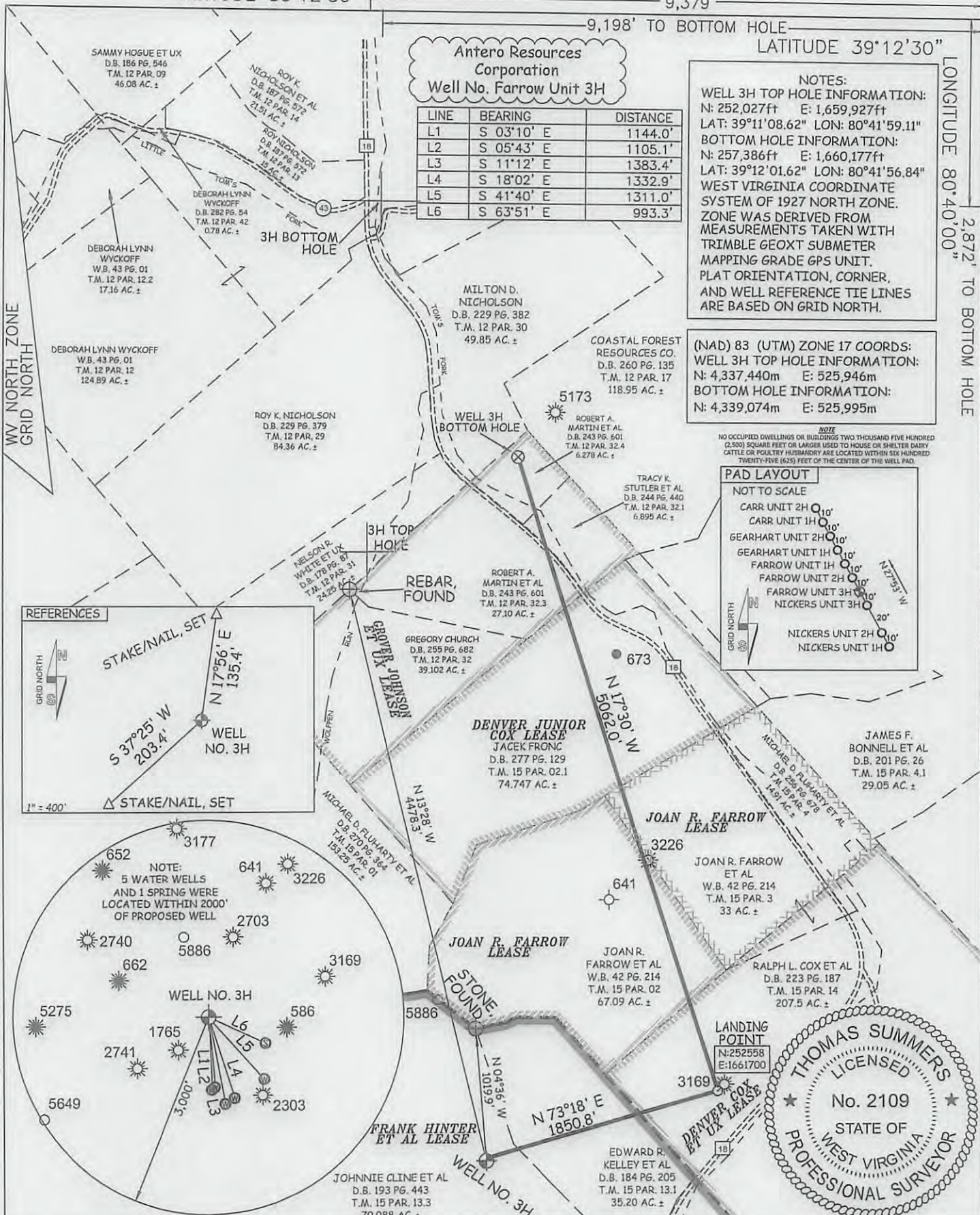
9,198' TO BOTTOM HOLE

LATITUDE 39°12'30"

LONGITUDE 80°40'00"

2,872' TO BOTTOM HOLE

LONGITUDE 80°40'00"



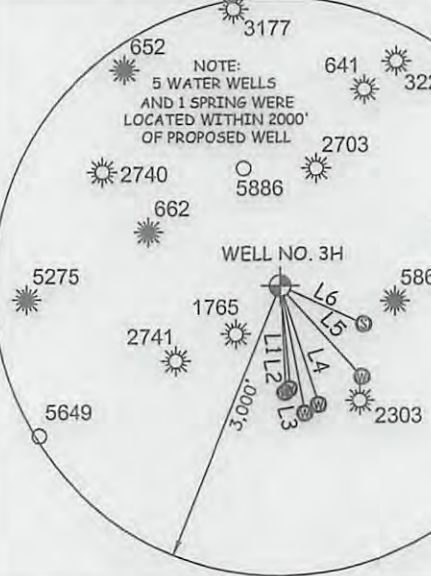
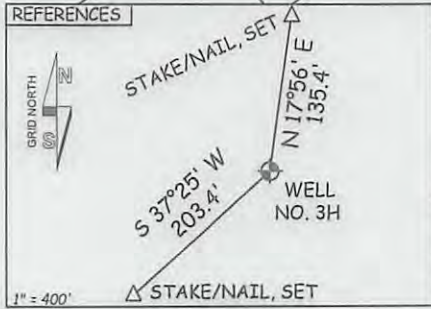
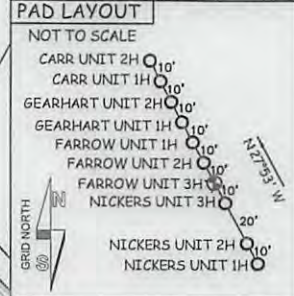
Antero Resources Corporation  
Well No. Farrow Unit 3H

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'

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: 257,386ft E: 1,660,177ft  
LAT: 39°12'01.62" LON: 80°41'56.84"  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.  
ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT GPS METER 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: 4,339,074m E: 525,995m

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 # 13-067WA  
DRAWING # FARROW3H  
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.

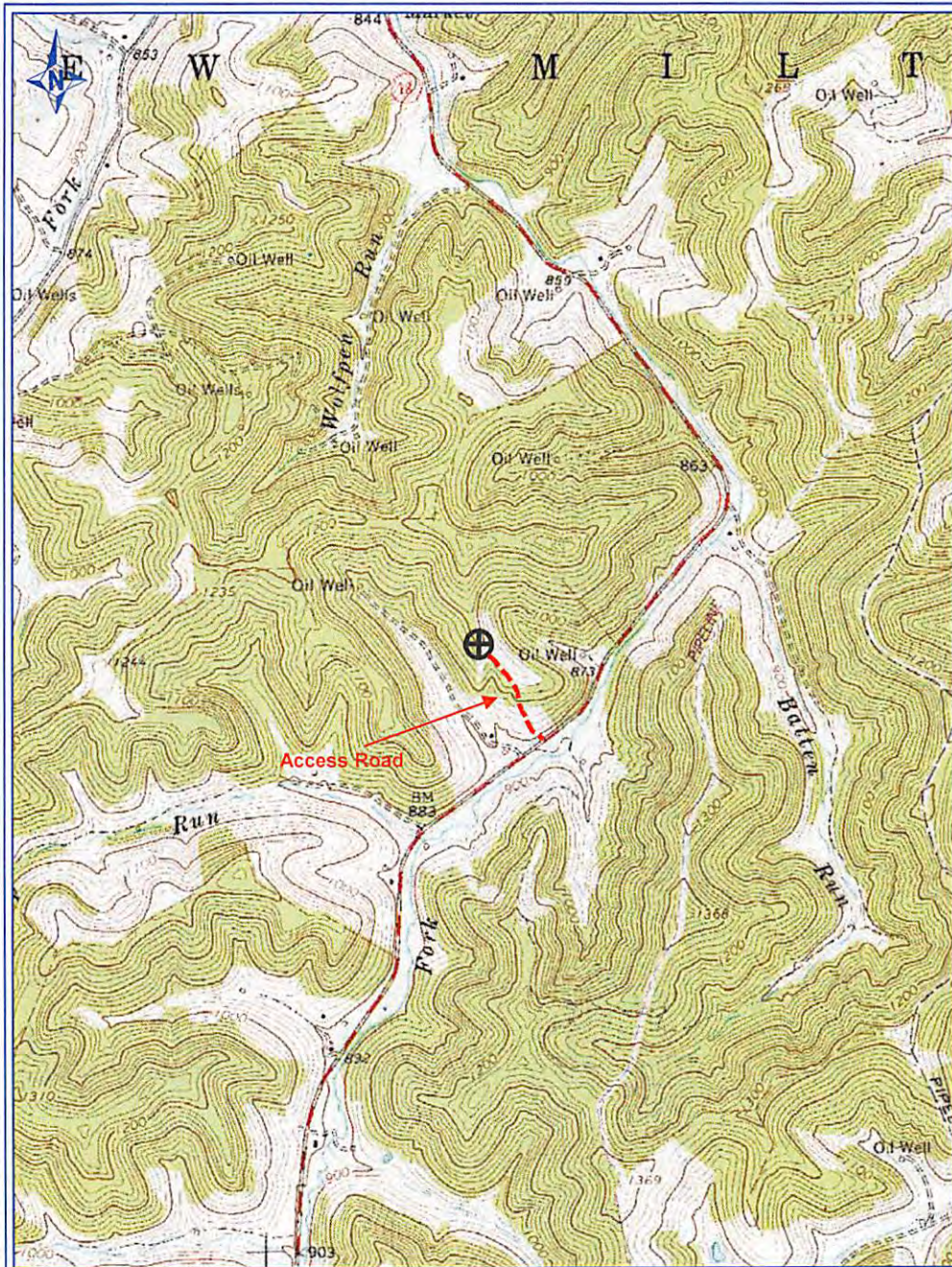


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

THOMAS SUMMERS P.S. 2109  
DATE 08/19/13  
OPERATOR'S WELL# FARROW UNIT 3H  
API WELL # 47-017  
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; DENVER COX ET UX; JOAN R. FARROW; LEASE ACREAGE 329.73 ACRES±; 206 ACRES±; 67 ACRES±; JOAN R. FARROW; DENVER JUNIOR COX; GROVER JOHNSON ET UX 52.4033 ACRES±; 80 ACRES±; 81 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 12,500' 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 25312



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**Antero Resources Corp**

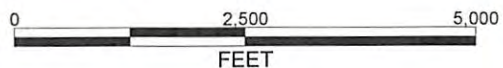
APPALACHIAN BASIN

Farrow Unit 3H

**REMARKS**

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

By: ECM



Received

AUG 30 2013

Office of Oil and Gas  
WV Dept. of Environmental Protection