

LATITUDE 39°12'30"

9,398'

6,707' TO BOTTOM HOLE

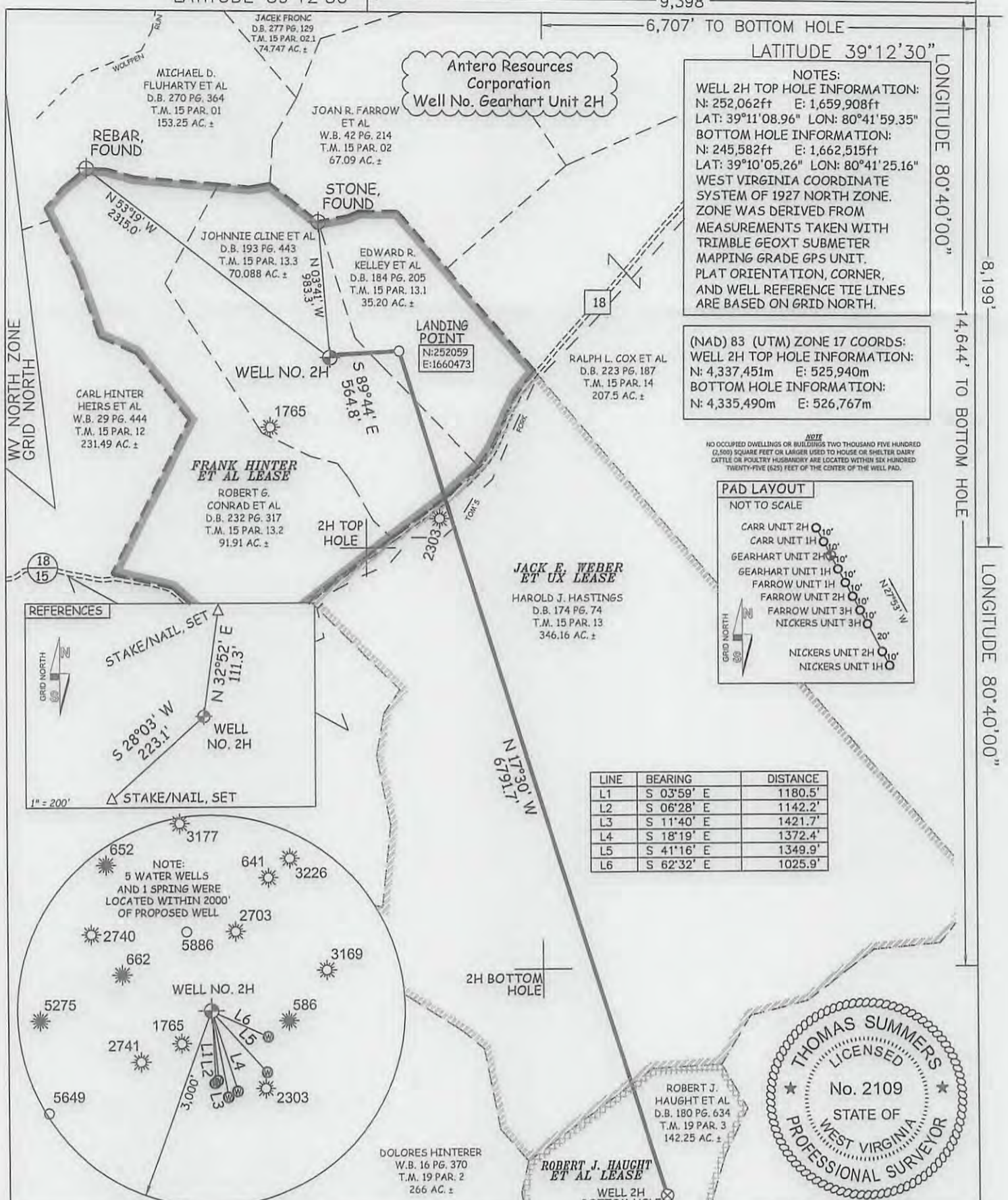
LATITUDE 39°12'30"

LONGITUDE 80°40'00"

8,199'

14,644' TO BOTTOM HOLE

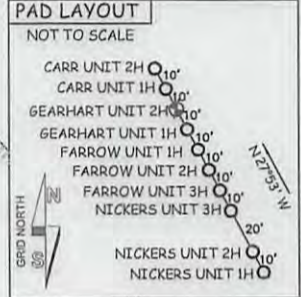
LONGITUDE 80°40'00"



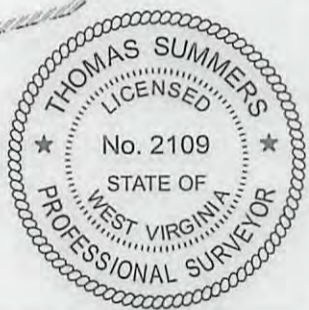
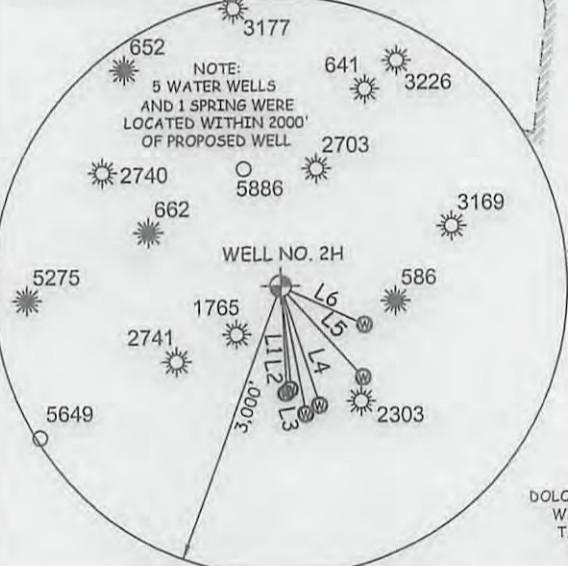
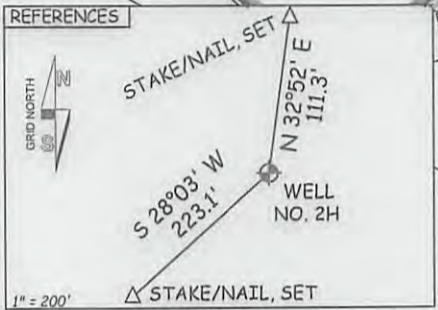
NOTES:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 252,062ft E: 1,659,908ft  
 LAT: 39°11'08.96" LON: 80°41'59.35"  
 BOTTOM HOLE INFORMATION:  
 N: 245,582ft E: 1,662,515ft  
 LAT: 39°10'05.26" LON: 80°41'25.16"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN 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 2H TOP HOLE INFORMATION:  
 N: 4,337,451m E: 525,940m  
 BOTTOM HOLE INFORMATION:  
 N: 4,335,490m E: 526,767m

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.



LINE	BEARING	DISTANCE
L1	S 03°59' E	1180.5'
L2	S 06°28' E	1142.2'
L3	S 11°40' E	1421.7'
L4	S 18°19' E	1372.4'
L5	S 41°16' E	1349.9'
L6	S 62°32' E	1025.9'



JOB # 13-021WA  
 DRAWING # GEARHART2HR1  
 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 # GEARHART UNIT #2H

API WELL # 47-017-06334  
 STATE COUNTY PERMIT

DISTRICT NEW MILTON COUNTY DODDRIDGE

ACREAGE 70.088 ACRES +/-

LEASE ACREAGE 329.73 ACRES±; 210.25 ACRES±; 143 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 7,200' TVD 14,700' MD

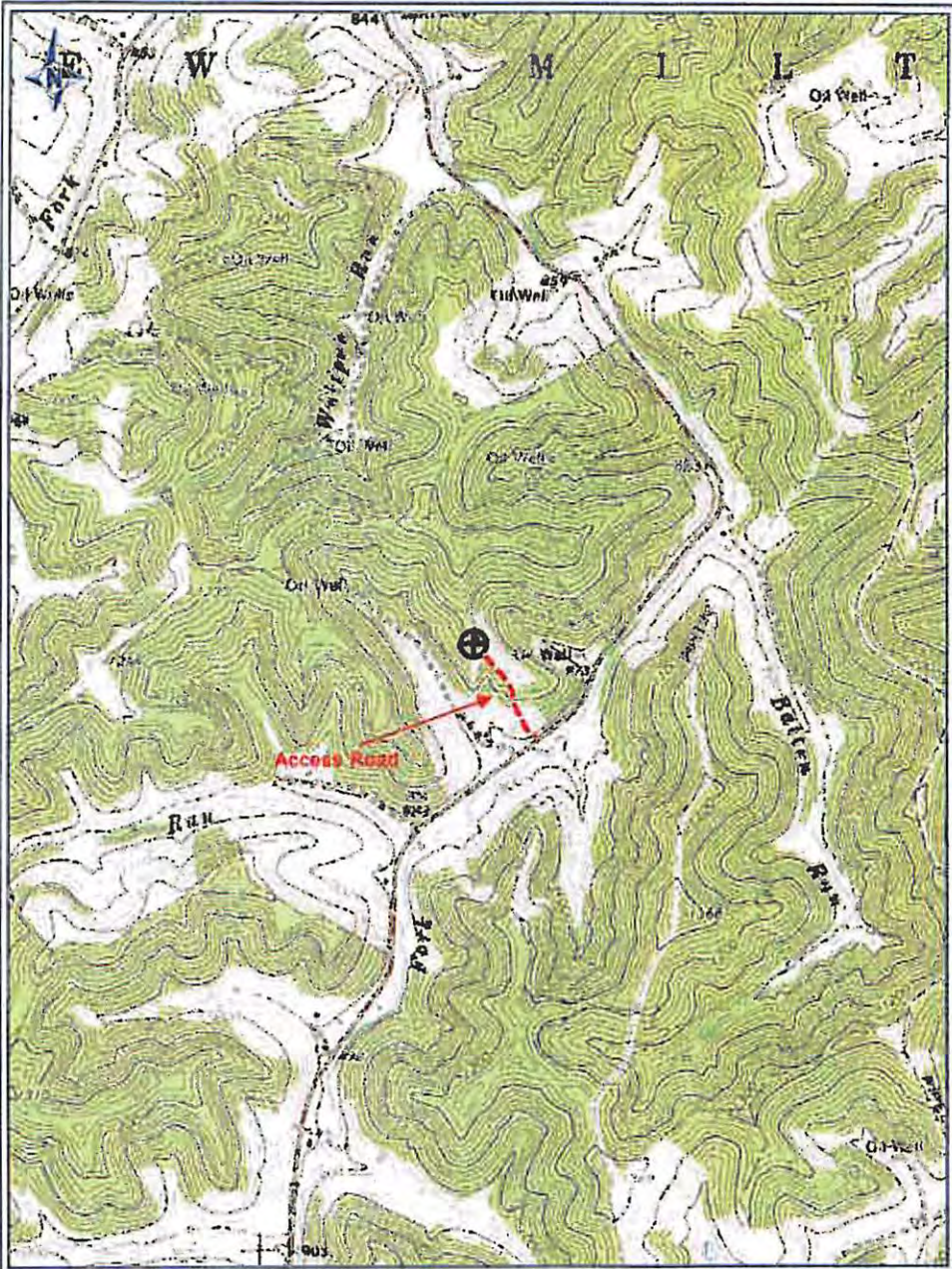
DIANNA STAMPER  
 CT CORPORATION SYSTEM  
 5400 D BIG TYLER ROAD  
 CHARLESTON, WV

DATE 8/10/2013

COUNTY NAME PERMIT

17

Plat 06334 Spotted Owl



PETRA 6/3/2013 2:37:31 PM

DCU  
8-21-2013

**Antero Resources Corp**

APPALACHIAN BASIN

**Gearhart Unit 2H**

Doddridge County

**REMARKS**

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

By: ECM

