

1706279

LATITUDE 39°15'00"

10,615'

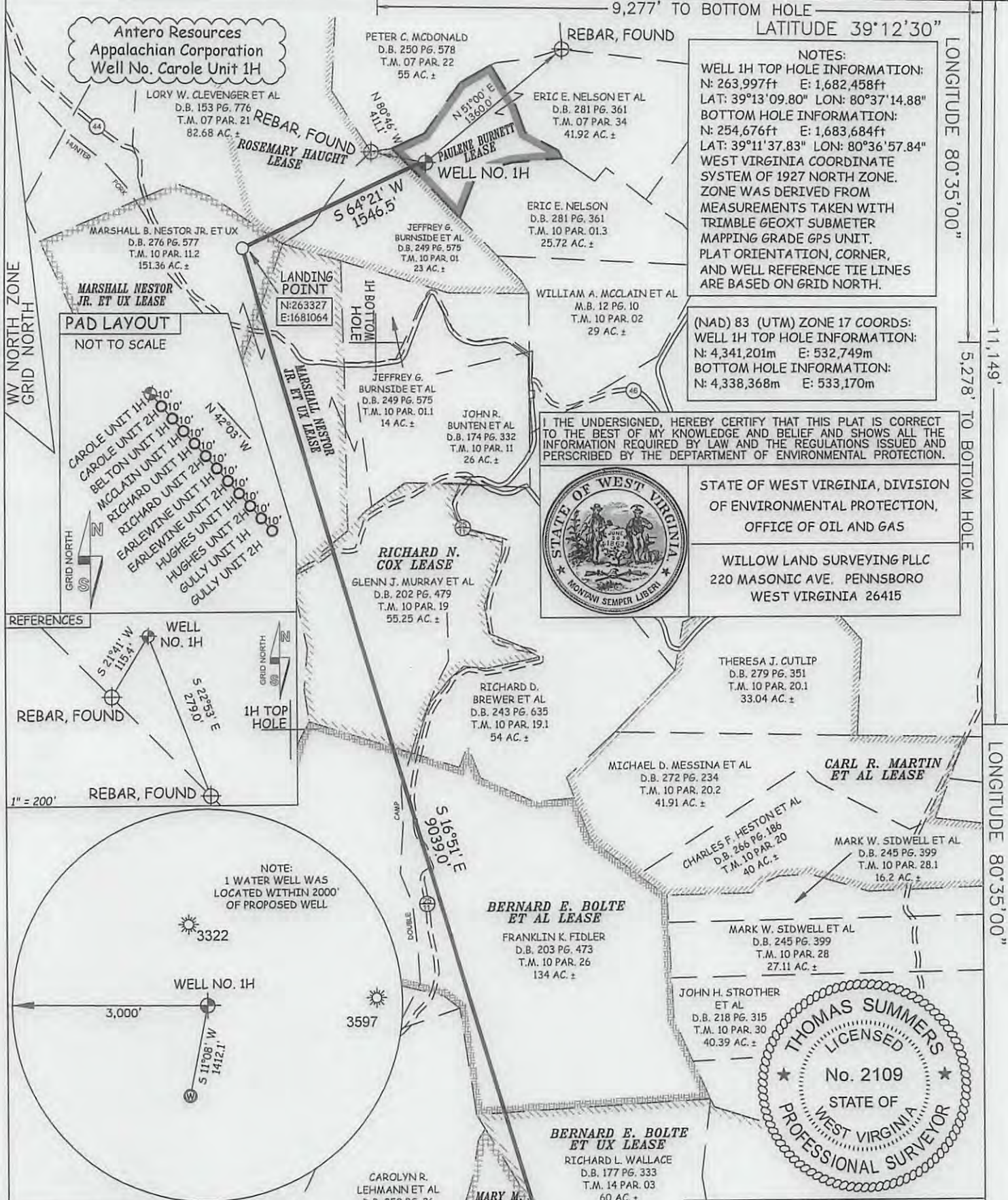
9,277' TO BOTTOM HOLE

LATITUDE 39°12'30"

LONGITUDE 80°35'00"

5,278' TO BOTTOM HOLE

LONGITUDE 80°35'00"



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 263,997ft E: 1,682,458ft
 LAT: 39°13'09.80" LON: 80°37'14.88"
 BOTTOM HOLE INFORMATION:
 N: 254,676ft E: 1,683,684ft
 LAT: 39°11'37.83" LON: 80°36'57.84"
 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.

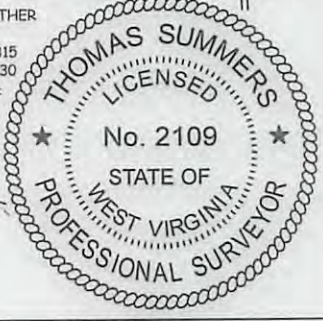
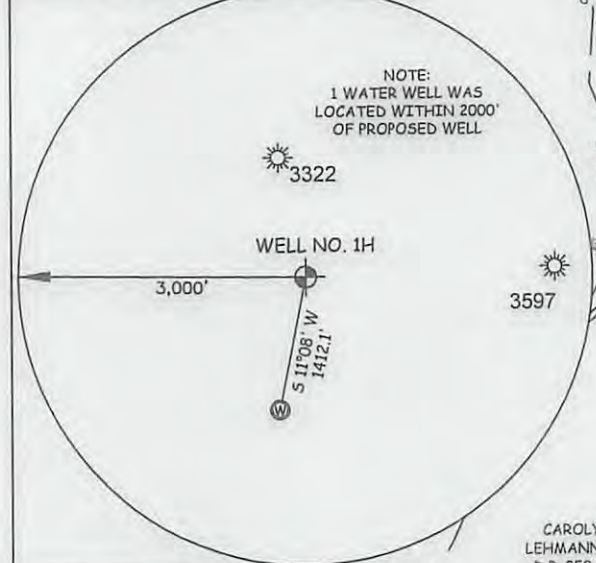
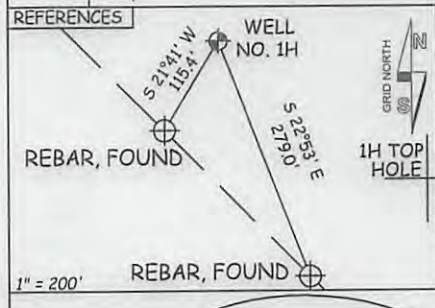
(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,341,201m E: 532,749m
 BOTTOM HOLE INFORMATION:
 N: 4,338,368m E: 533,170m

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
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 12-145WA
 DRAWING # CAROLE1HR1
 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

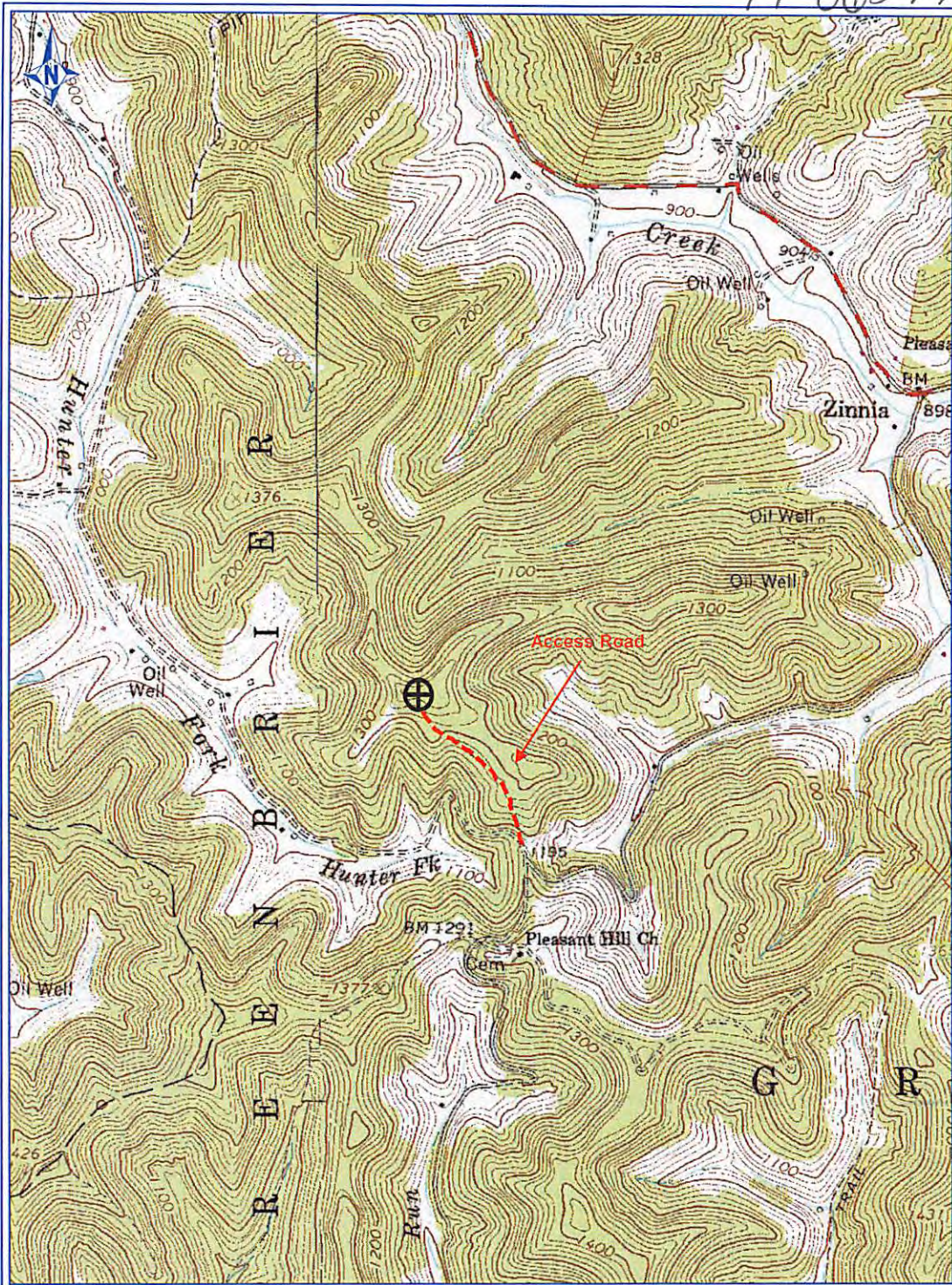
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,331' WATERSHED STANDINGSTONE RUN OF MEATHOUSE FORK

QUADRANGLE BIG ISSAC 7.5' DISTRICT GREENBRIER COUNTY DODDRIDGE
 SURFACE OWNER ERIC E. NELSON, ET AL ACREAGE 41.92 ACRES +/-
 OIL & GAS ROYALTY OWNER PAULENE BURNETT; ROSEMARY HAUGHT; MARSHALL NESTOR JR ET UX; LEASE ACREAGE 14.29 ACRES±; 115 ACRES±; 42.89 ACRES±;
MARSHALL NESTOR JR ET UX; RICHARD N. COX; BERNARD E. BOLTE ET AL; BERNARD E. BOLTE ET UX; MARY M. WELCH; E. JENNINGS VANSKOY ET AL 50 ACRES±; 63.578 ACRES±; 134 ACRES±; 80 ACRES±; 70 ACRES±; 65 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 7,500' TVD 17,000' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
DENVER, CO 80202 5400 D BIG TYLER ROAD
CHARLESTON, WV 25312

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

THOMAS SUMMERS P.S. 2109
 DATE 05/09/13
 OPERATOR'S WELL# CAROLE UNIT #1H
 API WELL # 47 - 017 - 06279H6A
 STATE COUNTY PERMIT

17-060279



PETRA 5/1/2013 4:54:52 PM

Antero Resources Corp

APPALACHIAN BASIN

Carole Unit 1H

Doddridge County

REMARKS

QUADRANGLE: BIG ISAAC
 WATERSHED: STANDINGS RUN OF
 MEATHOUSE FORK
 DISTRICT: GREENBRIER

By: ECM

Received
 Office of Oil & Gas

MAY 16 2013