

PETRA 6/26/2012 2:24:13 PM

Antero Resources Corporation

APPALACHIAN BASIN

Pullman Unit 1H
Ritchie County



REMARKS
 QUADRANGLE: PULLMAN
 WATERSHED: LEFT FORK
 DISTRICT: UNION

Date: 6/26/2012

JUL 10 2012

05/31/2024

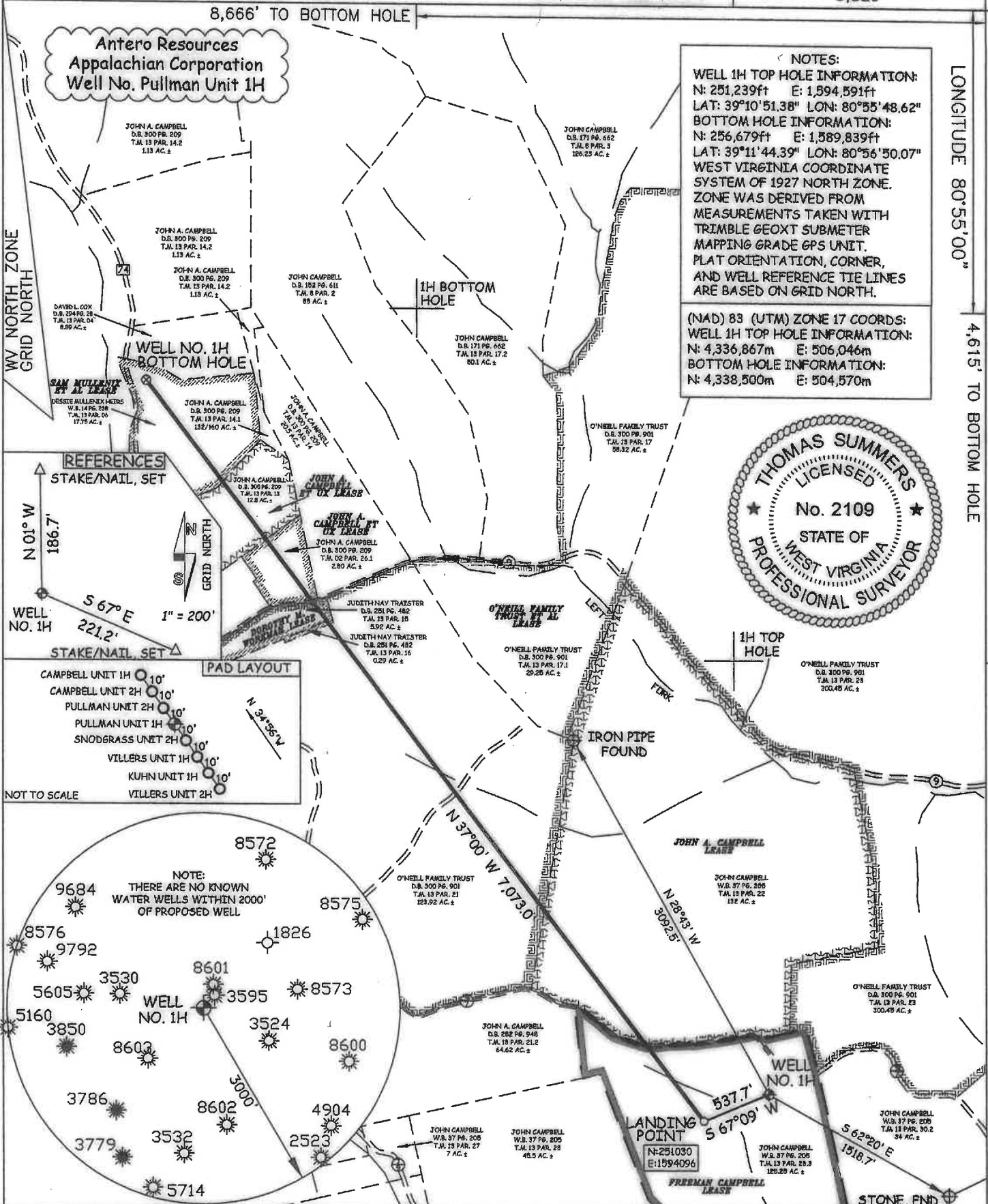
LATITUDE 39°12'30"

3,829'

LONGITUDE 80°55'00"

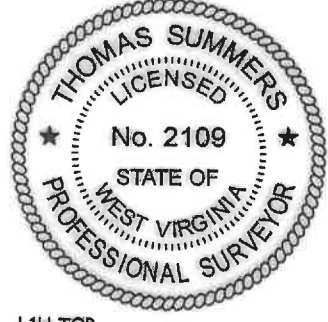
9,978'

4,615' TO BOTTOM HOLE

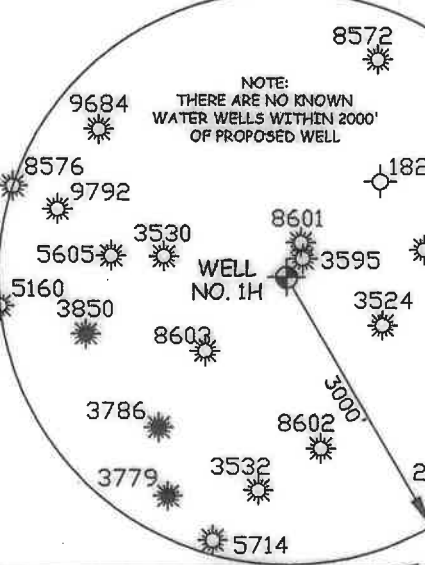
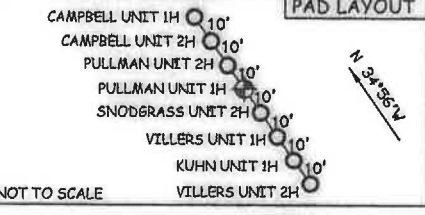


NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 251,239ft E: 1,594,591ft
 LAT: 39°10'51.38" LON: 80°55'48.62"
 BOTTOM HOLE INFORMATION:
 N: 256,679ft E: 1,589,839ft
 LAT: 39°11'44.39" LON: 80°56'50.07"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,336,867m E: 506,046m
 BOTTOM HOLE INFORMATION:
 N: 4,338,500m E: 504,570m



REFERENCES
 STAKE/NAIL, SET
 N 01° W 186.7'
 S 67° E 221.2'
 STAKE/NAIL SET
 1" = 200'



JOB # 12-042
 DRAWING # PULLMANUNIT1HR1
 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 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
 266 HUSHERS RUN RD 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 02/20/13
 OPERATOR'S WELL # PULLMAN UNIT #1H

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 1,014' WATERSHED LEFT FORK
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE

API WELL # 47 - 085 - 09981 MOD
 STATE COUNTY PERMIT

SURFACE OWNER JOHN A. & LINDA J. CAMPBELL ACREAGE 120.25 ACRES +/- 05/31/2024
 OIL & GAS ROYALTY OWNER FREEMAN CAMPBELL (KEY 25): LEASE ACREAGE 58 ACRES +/-
 JOHN A. CAMPBELL (ARAC); O'NEILL FAMILY TRUST ET AL.; DOROTHY M. WORKMAN; JOHN A. CAMPBELL ET UX; JOHN A. CAMPBELL ET UX; SAM MULLEN ET AL. 132 AC +/-; 517.83 AC +/-; 2.80 AC +/-; 12.8 AC +/-; 17.6 +/-
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) Permit Modification - Extend Lateral Borehole PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 14,000' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 CT CORPORATION SYSTEM
 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT