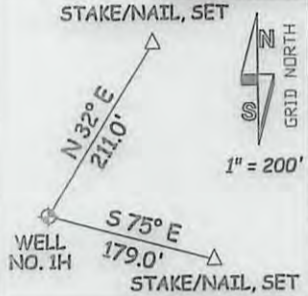


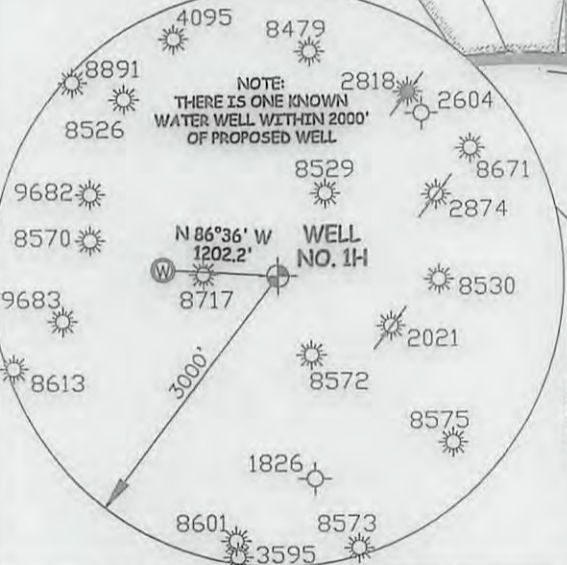
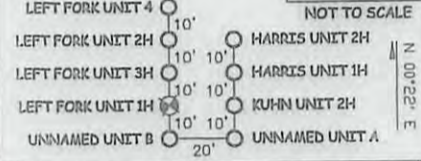
NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 254,331ft E: 1,595,213ft
 LAT: 39°11'22.04" LON: 80°55'41.35"
BOTTOM HOLE INFORMATION:
 N: 260,225ft E: 1,590,473ft
 LAT: 39°12'19.54" LON: 80°56'42.75"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,337,813m E: 506,219m
BOTTOM HOLE INFORMATION:
 N: 4,339,584m E: 504,745m

REFERENCES

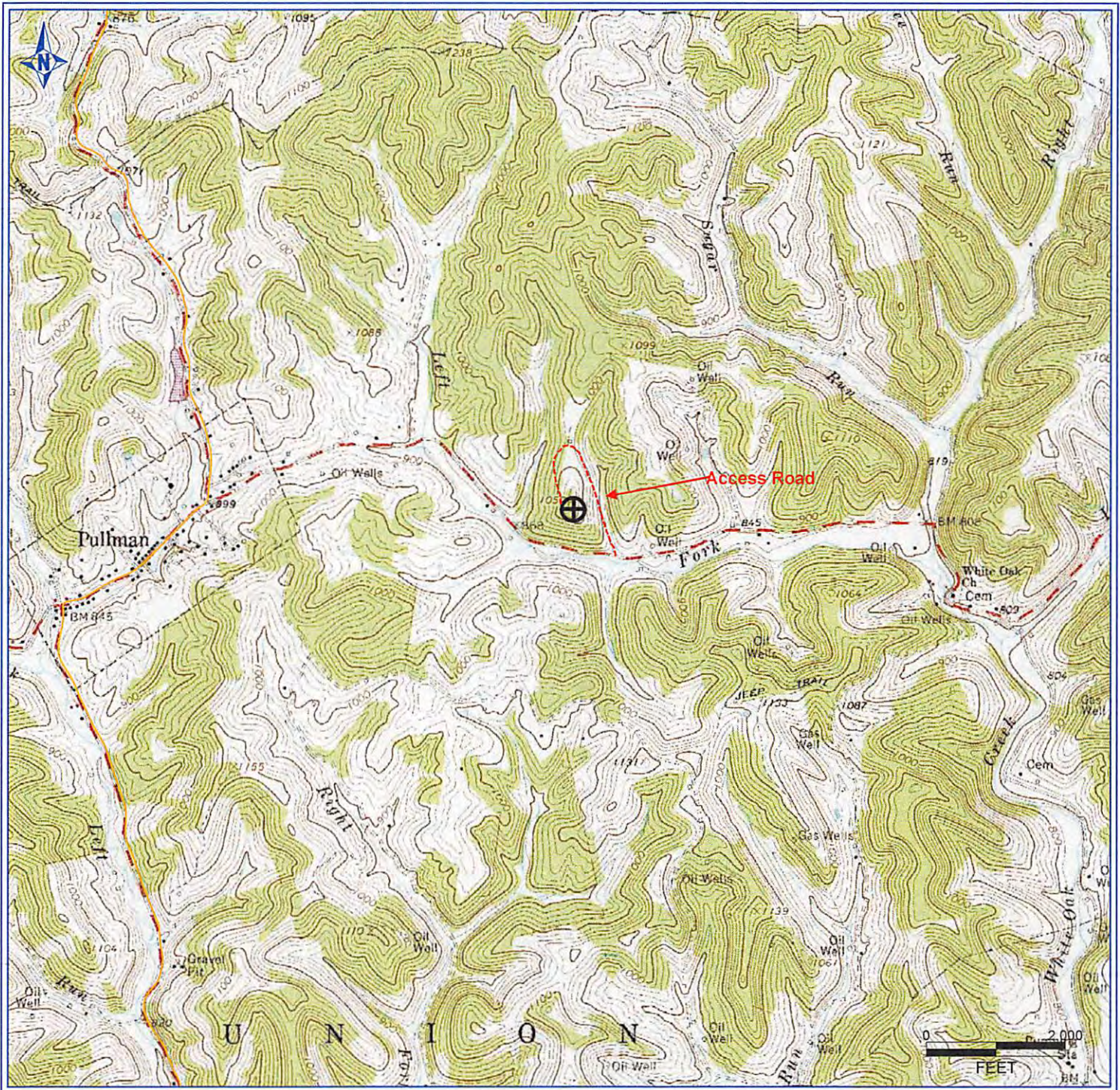


PAD LAYOUT



JOB # 12-045 DRAWING # LEFTFORKUNIT1HR1 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 DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS WELL TYPE: OIL ___ GAS <input checked="" type="checkbox"/> LIQUID INJECTION ___ WASTE DISPOSAL ___ (IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE ___ DEEP ___ SHALLOW <input checked="" type="checkbox"/> LOCATION: ELEVATION <u>1,022'</u> WATERSHED <u>LEFT FORK</u> QUADRANGLE <u>PULLMAN 7.5'</u> DISTRICT <u>UNION</u> COUNTY <u>RITCHIE</u>		 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	
SURFACE OWNER <u>O'NEILL FAMILY TRUST ET AL</u> ACREAGE <u>300.45 ACRES +/-</u> OIL & GAS ROYALTY OWNER <u>O'NEILL FAMILY TRUST ET AL;</u> LEASE ACREAGE <u>517.83 ACRES+;</u> <u>W. G. BURGAN ET AL; CLIFTON G. VALENTINE ET AL; JOHN CAMPBELL; W.M. DRUMMOND ET UX</u> <u>126.23 ACRES+; 80.1 ACRES+; 88 ACRES+; 58 ACRES+;</u>		LEGEND --- Surface Owner Boundary Lines +/- - - - Interior Surface Tracts +/- X Existing Fence ⊕ Found monument, as noted D & L R R DOUGLAS R. ROWE P.S. 2202 DATE <u>04/29/13</u> OPERATOR'S WELL# <u>LEFT FORK UNIT #1H</u> API WELL # <u>MOD</u> <u>47 - 085 - 09985 H6A</u> STATE COUNTY PERMIT COUNTY NAME PERMIT	
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) <u>BHL - permit Modification</u> PLUG & ABANDON ___ CLEAN OUT & REPLUG ___ TARGET FORMATION <u>MARCELLUS</u> ESTIMATED DEPTH <u>6,700' TVD 14,600' MD</u>		WELL OPERATOR <u>ANTERO RESOURCES APPALACHIAN CORP.</u> DESIGNATED AGENT <u>CT CORPORATION SYSTEM</u> ADDRESS <u>1625 17TH STREET</u> ADDRESS <u>5400 D BIG TYLER ROAD</u> FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313	

10/11/2013

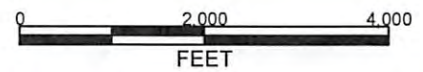


PETRA 6/26/2012 2:36 01 PM

Antero Resources Corporation

APPALACHIAN BASIN

Left Fork Unit 1H
Ritchie County



REMARKS
QUADRANGLE: PULLMAN
WATERSHED: LEFT FORK
DISTRICT: UNION

Date: 7/05/2012