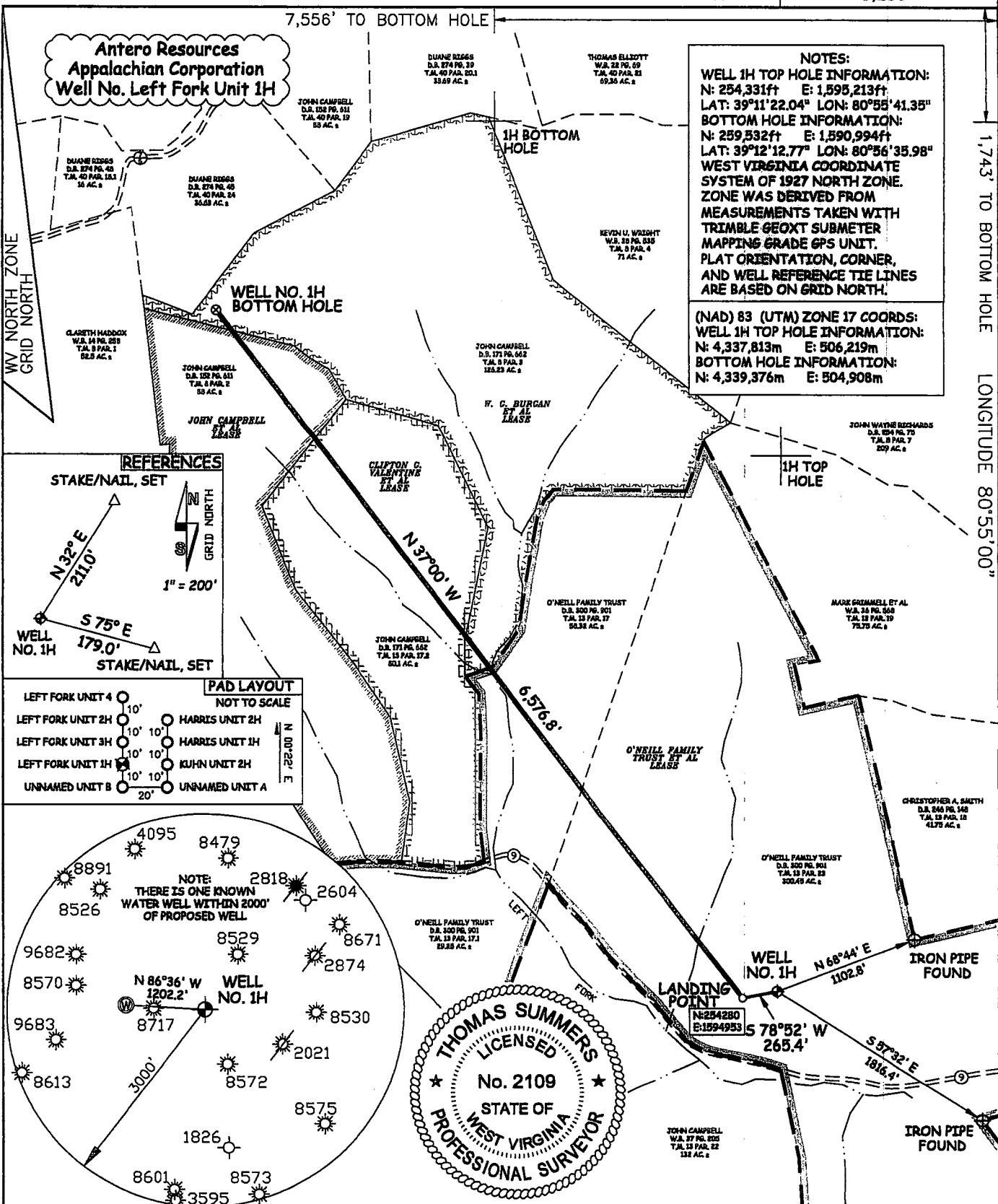
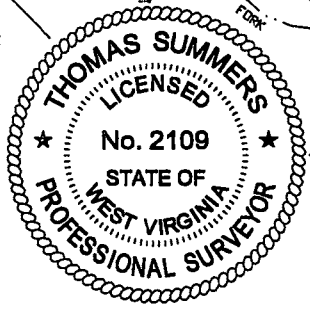
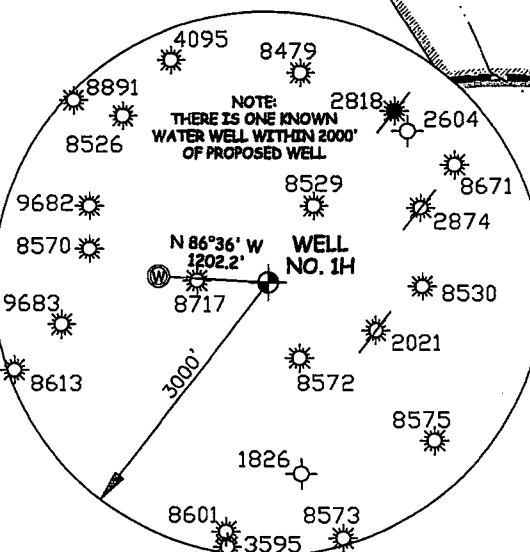
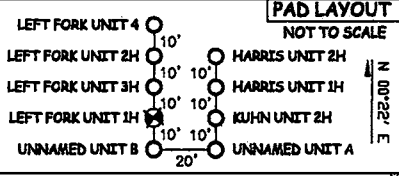
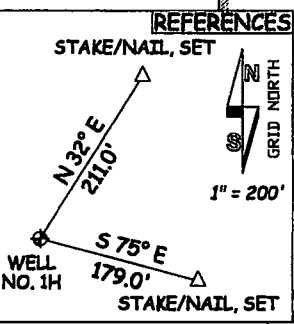


LATITUDE 39°12'30" 3,256'

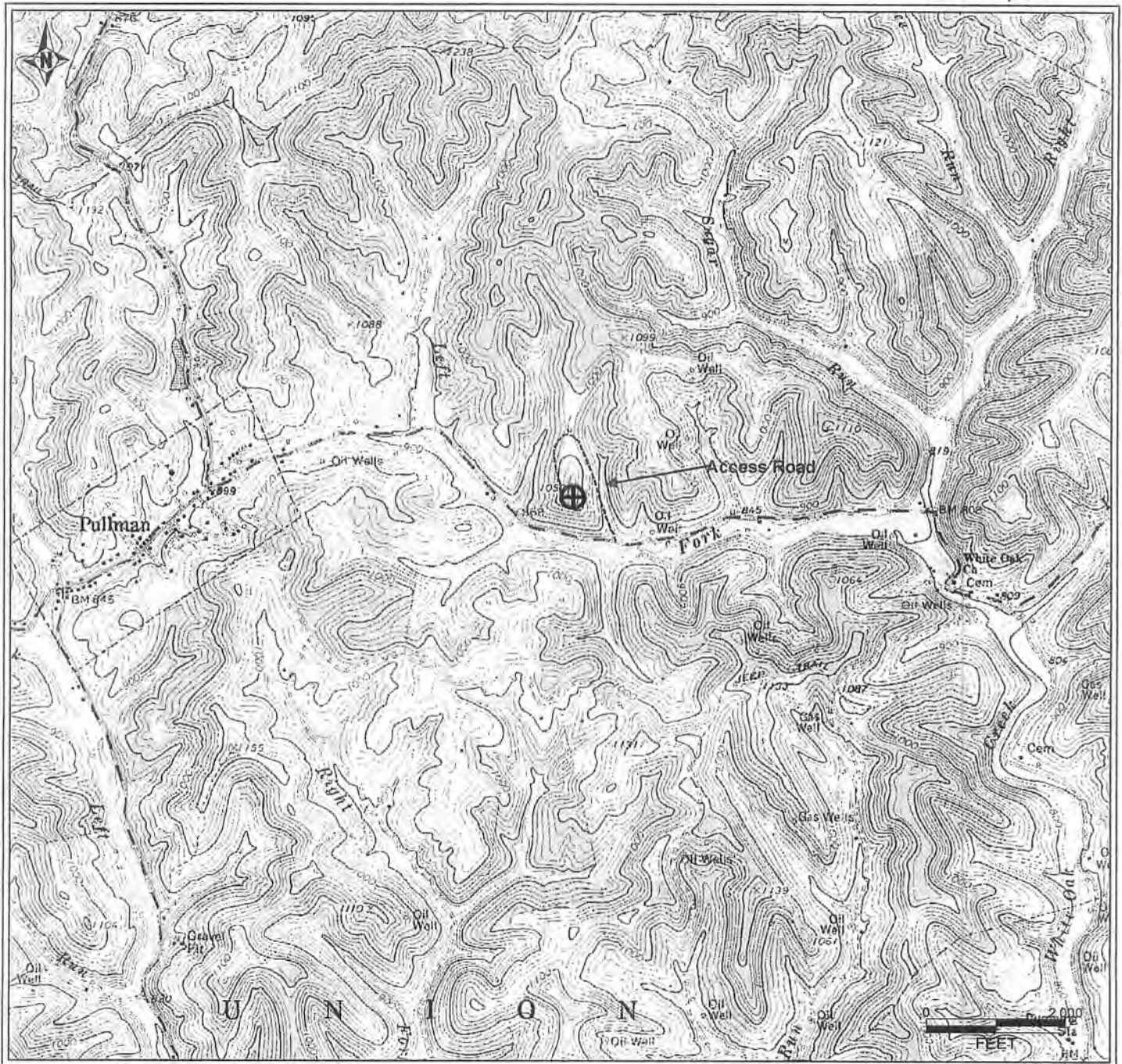


NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 254,331ft E: 1,595,213ft
 LAT: 39°11'22.04" LON: 80°55'41.35"
 BOTTOM HOLE INFORMATION:
 N: 259,532ft E: 1,590,994ft
 LAT: 39°12'12.77" LON: 80°56'35.98"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,339,376m E: 504,908m



JOB # 12-045	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.	<p>LEGEND</p> <p>--- Surface Owner Boundary Lines +/-</p> <p>--- Interior Surface Tracts +/-</p> <p>X Existing Fence</p> <p>⊕ Found monument, as noted</p> <p>THOMAS SUMMERS P.S. 2109</p>
DRAWING # LEFTFORKUNIT#1H		
SCALE 1" = 1000'	<p>STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS</p> <p>WILLOW LAND SURVEYING PLLC 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415</p>	DATE 07/03/12
MINIMUM DEGREE OF ACCURACY SUBMETER		OPERATOR'S WELL # LEFT FORK UNIT #1H
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS	<p>STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS</p> <p>WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X</p> <p>LOCATION: ELEVATION 1,022' WATERSHED LEFT FORK QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE</p> <p>SURFACE OWNER O'NEILL FAMILY TRUST ET AL ACREAGE 300.45 ACRES +/-</p> <p>OIL & GAS ROYALTY OWNER O'NEILL FAMILY TRUST ET AL; W. G. BURGAN ET AL; CLIFTON G. VALENTINE ET AL; JOHN CAMPBELL LEASE ACREAGE 517.83 ACRES+; 128.23 ACRES+; 80.1 ACRES+; 88 ACRES+</p> <p>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</p> <p>TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 13,700' MD</p>	API WELL # 47 - 085 09985 HGA
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS		STATE COUNTY PERMIT
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. ADDRESS 1625 17TH STREET DENVER, CO 80202	DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25310	COUNTY NAME PERMIT

85-09985

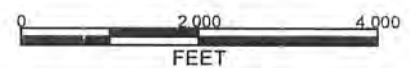


PETRA 6/26/2012 2:36:01 PM

Antero Resources Corporation

APPALACHIAN BASIN

Left Fork Unit 1H
Ritchie County



REMARKS
QUADRANGLE: PULLMAN
WATERSHED: LEFT FORK
DISTRICT: UNION

Date: 7/05/2012

10/19/2012