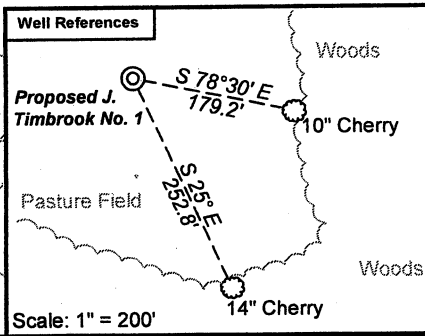
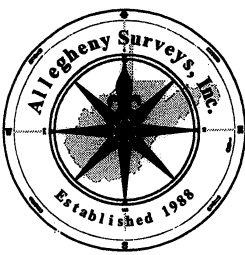


Notes:
 Well site coordinates are
 N: 295,622 Lat: 39-18-30.3
 E: 2,248,863 Long: 78-37-12.8

West Virginia Coordinate System of 1927 (North Zone) based upon Differential GPS Measurements.
 Plat orientation, corner and well ties are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

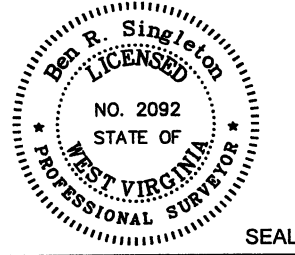


(-o-) Denotes Location of Well on United States Topographic Maps



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 prescribed by the Department of Environmental Protection.

Ben R. Singleton
 P.S. 2092



FILE NO: 78-00-00-09 (Car 1 - 9)
 DRAWING NO: 78-09 J Timbrook No 1 Plat
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: August 31 20 09
 OPERATOR'S WELL NO. J. Timbrook No. 1
 API WELL NO
 47 - 027 - 00046P
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1,201' WATERSHED Bearwallow Creek QUADRANGLE: Hanging Rock
 DISTRICT: Gore COUNTY: Hampshire
 SURFACE OWNER: Jerry Timbrook ACREAGE: 59.25
 OIL AND GAS ROYALTY OWNER: Jerry and Dixie Timbrook LEASE NO: ACREAGE: 210.95
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Oriskany ESTIMATED DEPTH: 7500'

WELL OPERATOR: Carrizo (Marcellus) LLC DESIGNATED AGENT: Sharon Barth
 ADDRESS: 1000 Louisiana Street, Suite 1500 ADDRESS: 707 Virginia Street
 Houston, TX 77002 East Charleston, WV 25301

Topo Quad: Hanging Rock 7.5'

Scale: 1" = 2000' 27-00046 P

County: Hampshire

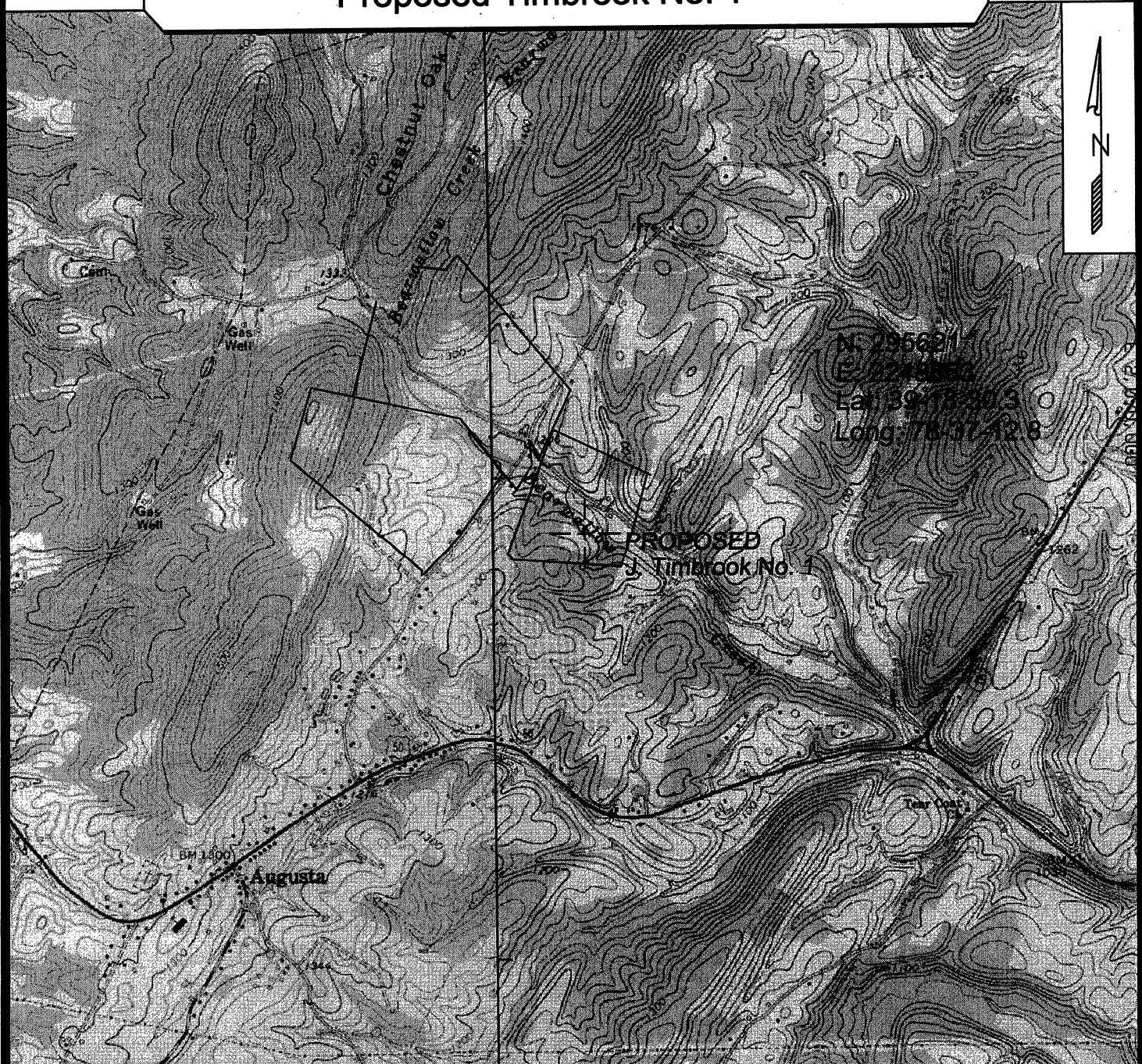
Date: June 23, 2009

District: Gore

Project No: 78-00-00-09

Proposed Timbrook No. 1

Topo



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 P.O. BOX 438
 BIRCH RIVER, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

RECEIVED
 Office of Oil & Gas

DEC 09 2011

PREPARED FOR:

Corrizzo Oil and Gas
 1000 Louisiana Street, Suite 1500
 Houston, TX 77002

WV Department of
 Environmental Protection