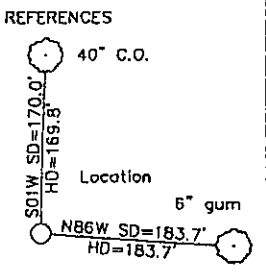
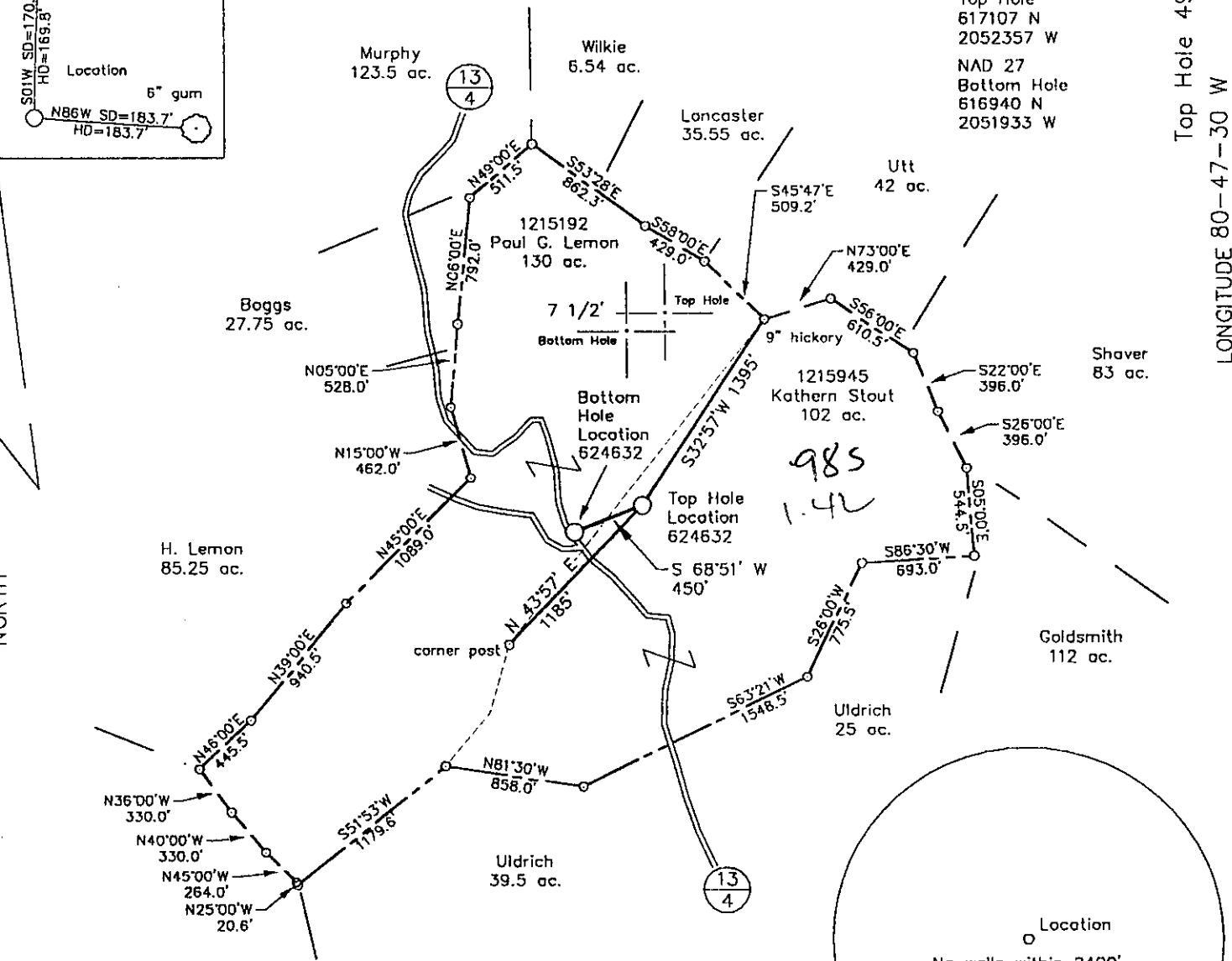


Top Hole 7075' LATITUDE 38-42-30 N

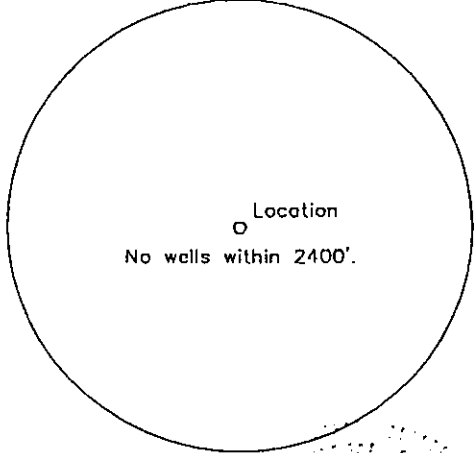


NAD 27
 Top Hole
 617107 N
 2052357 W
 NAD 27
 Bottom Hole
 616940 N
 2051933 W

Top Hole 4975'
 LONGITUDE 80-47-30 W
 5200'



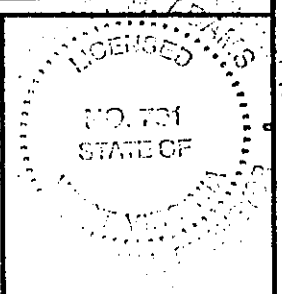
Note: Location is at least 400' from all outside lease lines.
 No wells within 3000' of this location.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Top of knob 1400' NE of location; Elev. 1575

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 ENERGY.
 (SIGNED) [Signature]
 R.P.E. _____ L.L.S. 791



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE December 4, 2000
 OPERATOR'S WELL NO. 624632
 API WELL NO. 047-007-02236
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1216 WATER SHED Sugar Creek
 DISTRICT Otter COUNTY Braxton
 QUADRANGLE Gassaway

SURFACE OWNER Kathern Stout ACREAGE 102
 OIL & GAS ROYALTY OWNER Paul G. Lemon, et ux. LEASE ACREAGE 130
 LEASE NO. 1215192

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL 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 Basement ESTIMATED DEPTH 15,000
 WELL OPERATOR Columbia Natural Resources, Inc. DESIGNATED AGENT W. A. Watson, Jr.
 ADDRESS P.O. Box 6070, Charleston, WV 25362 ADDRESS P.O. Box 6070, Charleston, WV 25362

COUNTY NAME BRA
 PERMIT 2236

DEEP WELL 3-01202)

APR 06 2001