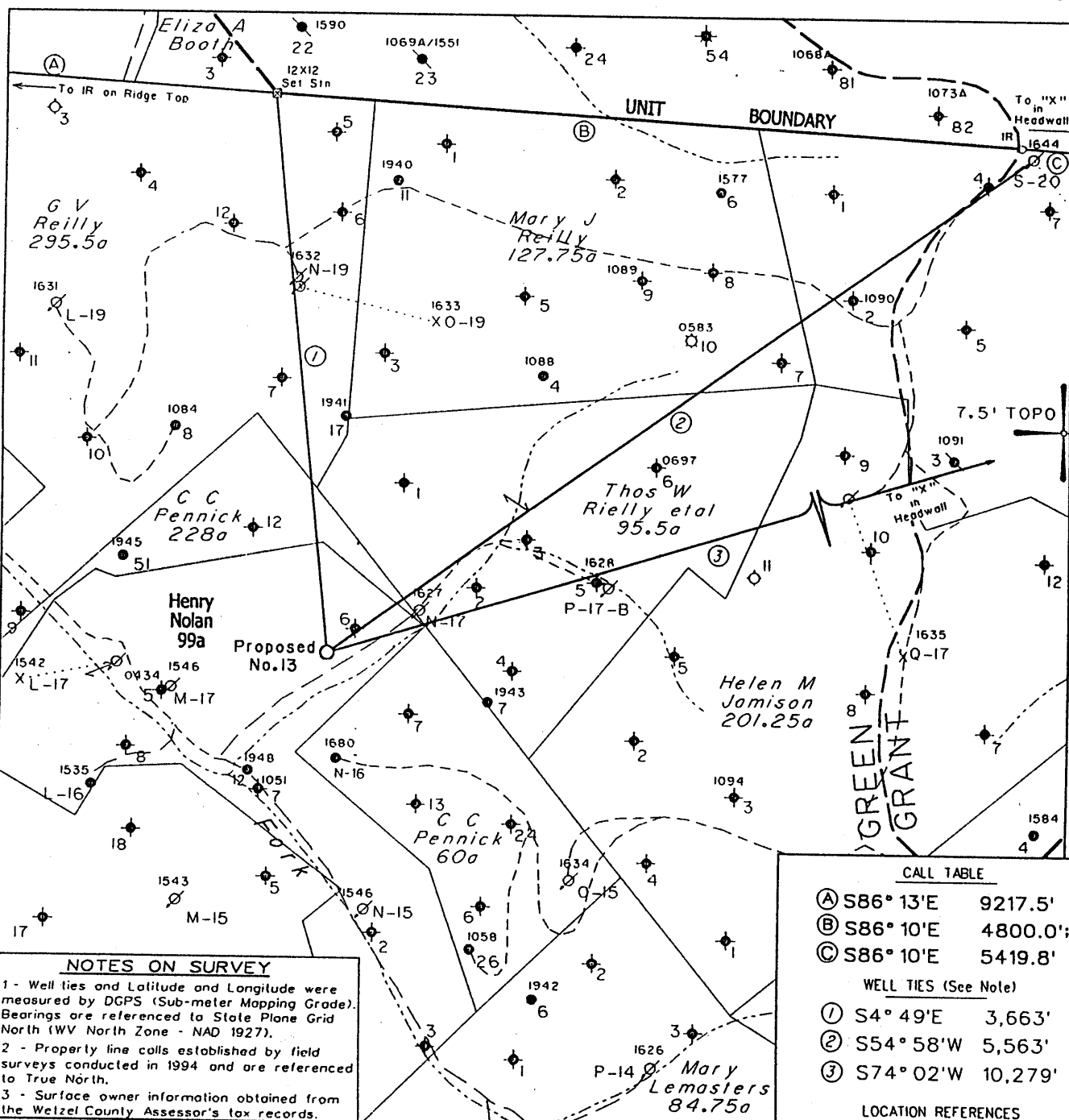


Longitude = 80° 40' 12.4" -975'

LATITUDE 39° 30' 00"



LONGITUDE 80° 40' 00"

Latitude = 39° 29' 00.6"

WET 2020-5

NOTES ON SURVEY

1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to State Plane Grid North (WV North Zone - NAD 1927).

2 - Property line calls established by field surveys conducted in 1994 and are referenced to True North.

3 - Surface owner information obtained from the Wetzel County Assessor's tax records.

CALL TABLE

Ⓐ	S86° 13'E	9217.5'
Ⓑ	S86° 10'E	4800.0'
Ⓒ	S86° 10'E	5419.8'

WELL TIES (See Note)

①	S4° 49'E	3,663'
②	S54° 58'W	5,563'
③	S74° 02'W	10,279'

LOCATION REFERENCES (Magnetic Bearing - Slope Dist.)

N83°W 107' 8" Maple
N24°E 114' 4" Ash

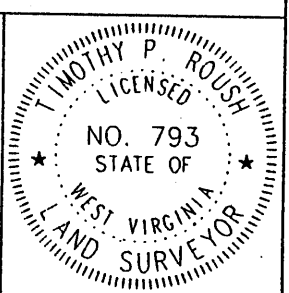
NOTE: No known water supply sources are located within 1000' of proposed well.
 ⬤ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

⬤ Denotes Water Supply Source.

FILE NO. 1038-62
 MAP NO. N S E W
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION DGPS Survey
12/5/03

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 MINES.

(SIGNED) *Timothy P. Roush*
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 356 Hansford St.
 Charleston, West Virginia 25301



DATE December 8, 2003
 FARM Henry Nolan NO. 13
 API WELL NO. 47-103-020205

WELL TYPE: OIL GAS LIQUID INJECTION X WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,005' WATERSHED Piney Fork
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Centerpoint 7.5'
 SURFACE OWNER W.Va. Public Lands Corp. ACREAGE 228 Ac.
 OIL & GAS ROYALTY OWNER East Resources, et al. LEASE ACREAGE
 LEASE NO.
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Gordon ESTIMATED DEPTH 3.085'
 WELL OPERATOR East Resources, Inc. DESIGNATED AGENT Michael McCown
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W.Va. 26105 Vienna, W.Va. 26105

JAN 16 2004