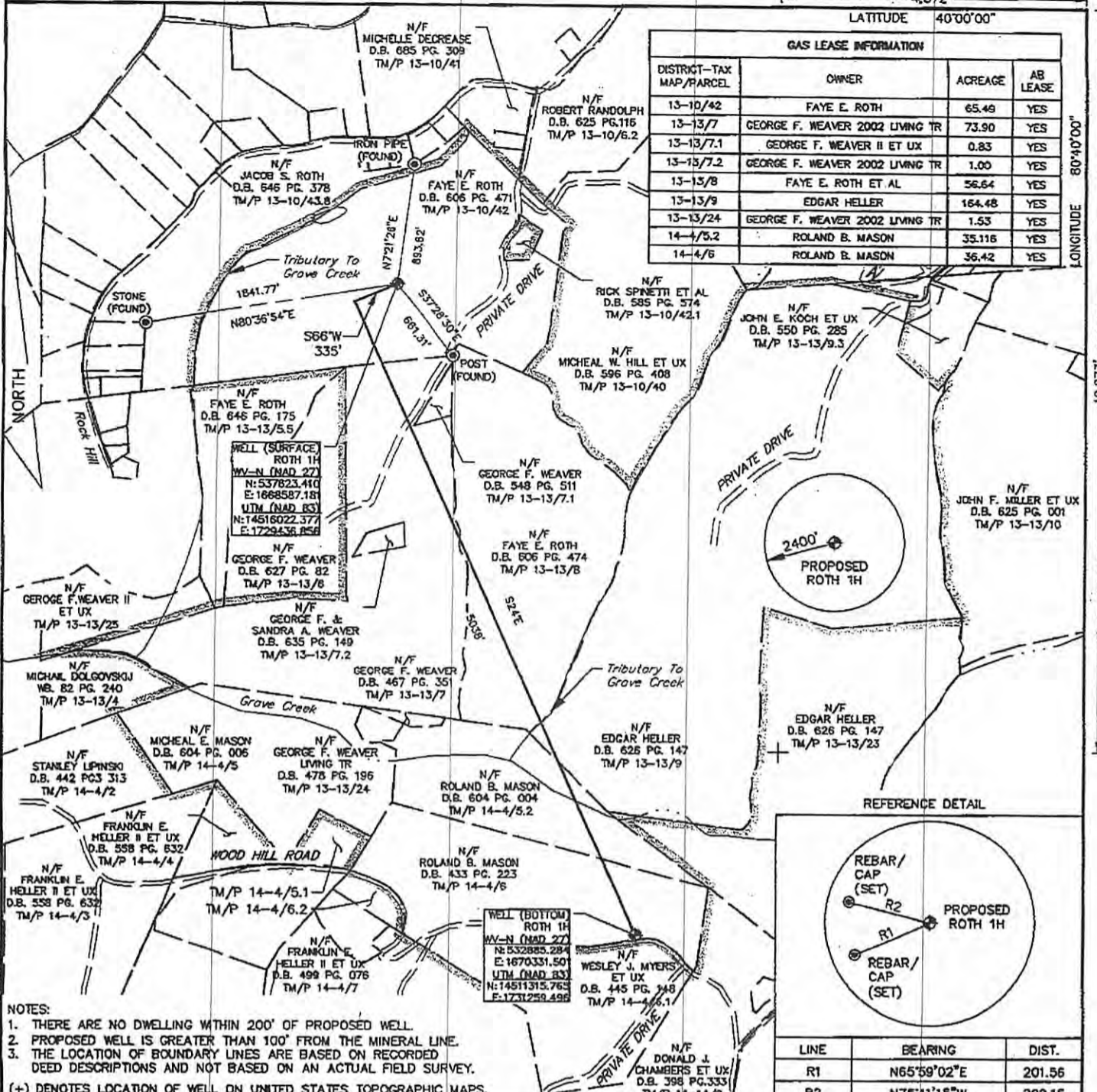


LATITUDE 40°00'00"

GAS LEASE INFORMATION			
DISTRICT-TAX MAP/PARCEL	OWNER	ACREAGE	AB LEASE
13-10/42	FAYE E. ROTH	65.49	YES
13-13/7	GEORGE F. WEAVER 2002 LIVING TR	73.90	YES
13-13/7.1	GEORGE F. WEAVER II ET UX	0.83	YES
13-13/7.2	GEORGE F. WEAVER 2002 LIVING TR	1.00	YES
13-13/8	FAYE E. ROTH ET AL	56.64	YES
13-13/9	EDGAR HELLER	164.48	YES
13-13/24	GEORGE F. WEAVER 2002 LIVING TR	1.53	YES
14-4/5.2	ROLAND B. MASON	35.116	YES
14-4/6	ROLAND B. MASON	36.42	YES



NOTES:
 1. THERE ARE NO DWELLING WITHIN 200' OF PROPOSED WELL.
 2. PROPOSED WELL IS GREATER THAN 100' FROM THE MINERAL LINE.
 3. THE LOCATION OF BOUNDARY LINES ARE BASED ON RECORDED DEED DESCRIPTIONS AND NOT BASED ON AN ACTUAL FIELD SURVEY.
 (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.



200 West Kanawher Drive, Suite 400
 Cranberry Township, PA 16066
 (724) 778-4773
 Fax: (724) 778-4711
 hrgeinc.com
 www.hrgeinc.com

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.

(SIGNED) *[Signature]*
 R.P.E. _____ L.L.S. _____ 1969



FILE NO. R005935.0456
 DRAWING NO. ROTH 1H PLAT
 SCALE 1" = 1000
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION GPS (SURVEY GRADE)

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



DATE 6/15, 2011
 OPERATOR'S WELL NO. ROTH 1H
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1323 WATERSHED: UNNAMED TRIBUTARY TO GRAVE CREEK
 DISTRICT: UNION COUNTY: MARSHALL
 QUADRANGLE: MOUNDSVILLE

47 - 51 - 01482H
 STATE COUNTY PERMIT
CANCELLED

SURFACE OWNER: FAYE E. ROTH ACREAGE: ±69.87
 OIL & GAS ROYALTY OWNER: SEE ABOVE TABLE LEASÉ ACREAGE: ±435.41
 LEASE NO. _____

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___
 CLEAN OUT AND REPLUG ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 6,433'
 WELL OPERATOR: AB RESOURCES DESIGNATED AGENT: CT CORPORATION SYSTEM
 ADDRESS: 6802 W. SNOWHILL ROAD, SUITE E ADDRESS: 5400 D BIG TYLER ROAD
 BRECKSVILLE, OH 44141 CHARLESTON, WV 25313

File name: C:\Civ 3D\Projects\005935_0456\Plan Set\K\K\K\0059350456PLAT.dwg Layout: Form WW-8 Jun 15, 2011 9:35am Jobid: FORM WW-8

02/13/2015