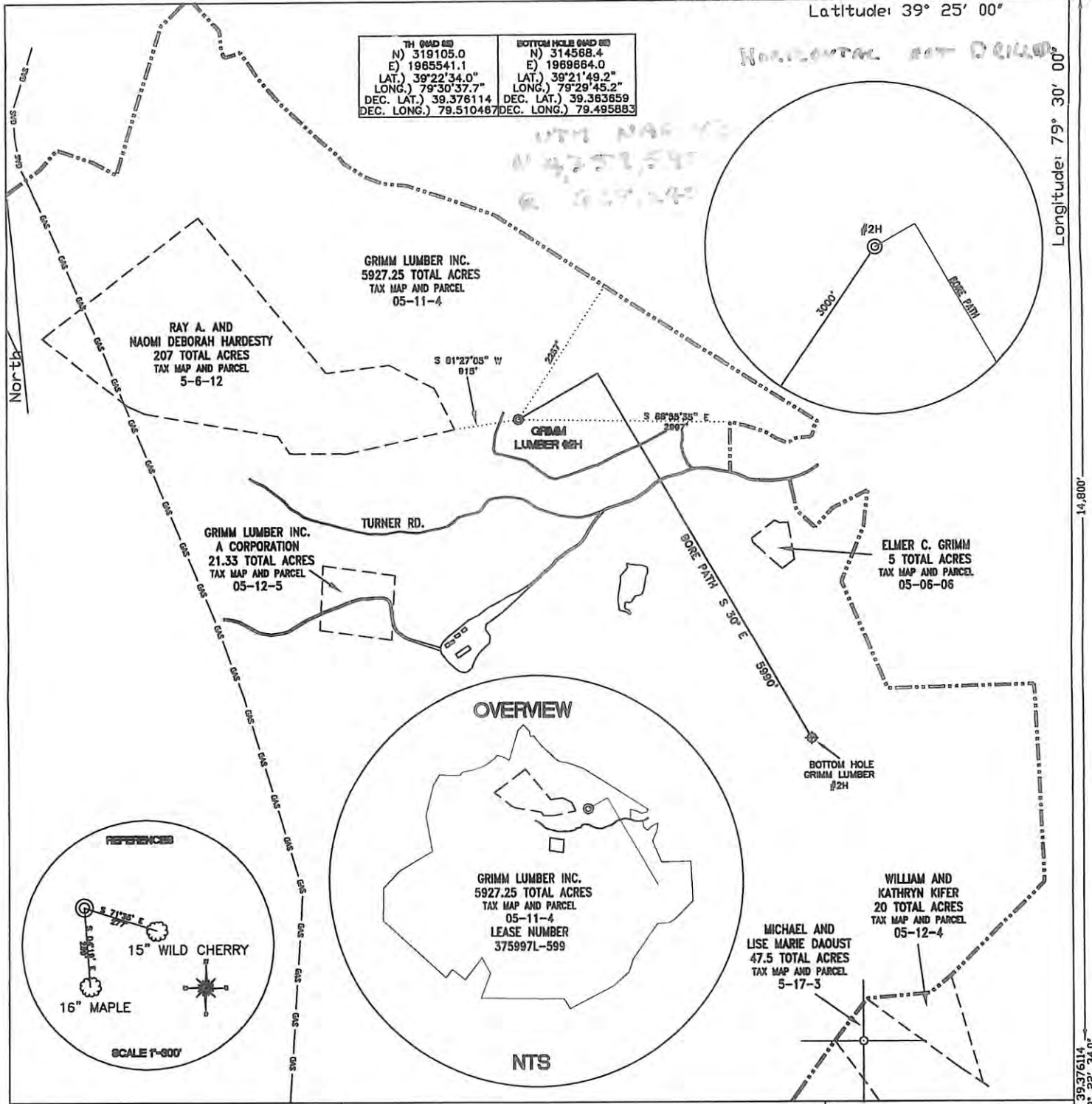


TH (MWD) #	BOTTOM HOLE (MWD) #
N) 319105.0	N) 314568.4
E) 1965541.1	E) 1969664.0
LAT.) 39°22'34.0"	LAT.) 39°21'49.2"
LONG.) 79°30'37.7"	LONG.) 79°29'45.2"
DEC. LAT.) 39.376114	DEC. LAT.) 39.363659
DEC. LONG.) 79.510467	DEC. LONG.) 79.495883

HORIZONTAL SET DRILL



FILE #: CHIEF 002  
 DRAWING #: BBA 001457  
 SCALE: 1"=2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE GPS

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: \_\_\_\_\_  
 L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304

Well Type:  Oil  Waste Diposal  Production  Deep  Gas  Liquid Injection  Storage  Shallow

WATERSHED: CHEAT ELEVATION : 2635'

COUNTY/DISTRICT: PRESTON/UNION QUADRANGLE: TERRA ALTA 7.5'

SURFACE OWNER: GRIMM LUMBER INC. ACREAGE: 5,927

OIL & GAS ROYALTY OWNER: GRIMM LUMBER INC. ACREAGE: 5,927

LEASE NUMBERS: 375997L-599

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY):

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 12,350'

WELL OPERATOR : CHIEF OIL & GAS LLC. DESIGNATED AGENT : CHAD S. LOVEJOY

ADDRESS: 5956 SHERRY LANE ADDRESS: 522 NINTH STREET

CITY: DALLAS STATE: TX ZIP CODE: 75225 CITY: HUNTINGTON STATE: WV ZIP CODE: 25701

DATE: OCTOBER 02, 2010  
 OPERATOR'S WELL #: GRIMM LUMBER  
 API WELL #: 47 077  
 STATE COUNTY PERMIT  
 77-00568HP

12/14/2012

SURFACE HOLE DEC. LATI. 39.376114 SURVEYED LATI. 39° 22' 34.0"



