

LOGAN COAL AND TIMBER CORP., et.al.  
 Deed Book #27  
 Page #208  
 (Owner- Oil & Gas)  
 LOGAN COAL AND TIMBER CORP., et.al.  
 (Owner-Surface)  
 KINZER BUSINESS REALTY, LTD.  
 (Lessee-Oil & Gas)  
 LOGAN COAL & TIMBER CORP., et.al.  
 (Owner-Cool)  
 CAM OF KENTUCKY REAL ESTATE, LLC.  
 (Lessee-Cool)

J.S. CLINE, et.al.  
 (Owner-Oil & Gas)  
 KINZER BUSINESS REALTY, LTD.  
 (Lessee-Oil & Gas)

LOGAN COAL & TIMBER CORP., et.al.  
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 (Lessee-Oil & Gas)

NOTE: THERE ARE NO DWELLINGS  
 OR KNOWN WATER WELLS  
 WITHIN 200' OF THE  
 PROPOSED WELL

**REFERENCES**

STA 502  
 PK NAIL IN 10" MAPLE  
 N 49° 43' 38" E  
 174.1'

STA 501  
 PK NAIL IN 18" POPLAR  
 N 53° 27' 27" E  
 144.4'

PROPOSED WELL SITE #2359  
 SCALE: 1" = 200'

State Plane  
 WV South Nad 27  
 N = 211,179.381  
 E = 1,675,652.335

Geographic Nad 27  
 LAT = 37° 34' 28.50"  
 LONG = 82° 07' 08.95"

State Plane  
 UTM NAD 83  
 Zone 17 (Meter)  
 N = 4,159,215.997  
 E = 401,187.918

**LEGEND**

- + DENOTES LOCATION WELL ON UNITED STATES TOPOGRAPHICAL MAPS
- PROPOSED WELL
- ⊙ PLUGGED WELL
- ⊛ EXISTING WELL
- SURVEY STATION
- TREE
- == ROADS
- RAILROAD
- STREAM, DRAIN, CREEK

DRAWING No. 2359.DWG  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 IN 2,500  
 PROVEN SOURCE OF ELEVATION USGS BM J47 (TOPD BM 722) 721.7'

**B & B Engineering, LLC**  
 36 Hatfield Lane  
 Prestonsburg, KY 41653  
 Phone: (606) 874-7005

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 CHARLESTON, WV. 25304

DATE: 05/20/14  
 OPERATOR'S WELL NO. 2359  
 API WELL NO. 47 -- 59 -- 02252  
 STATE COUNTY PERMIT

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

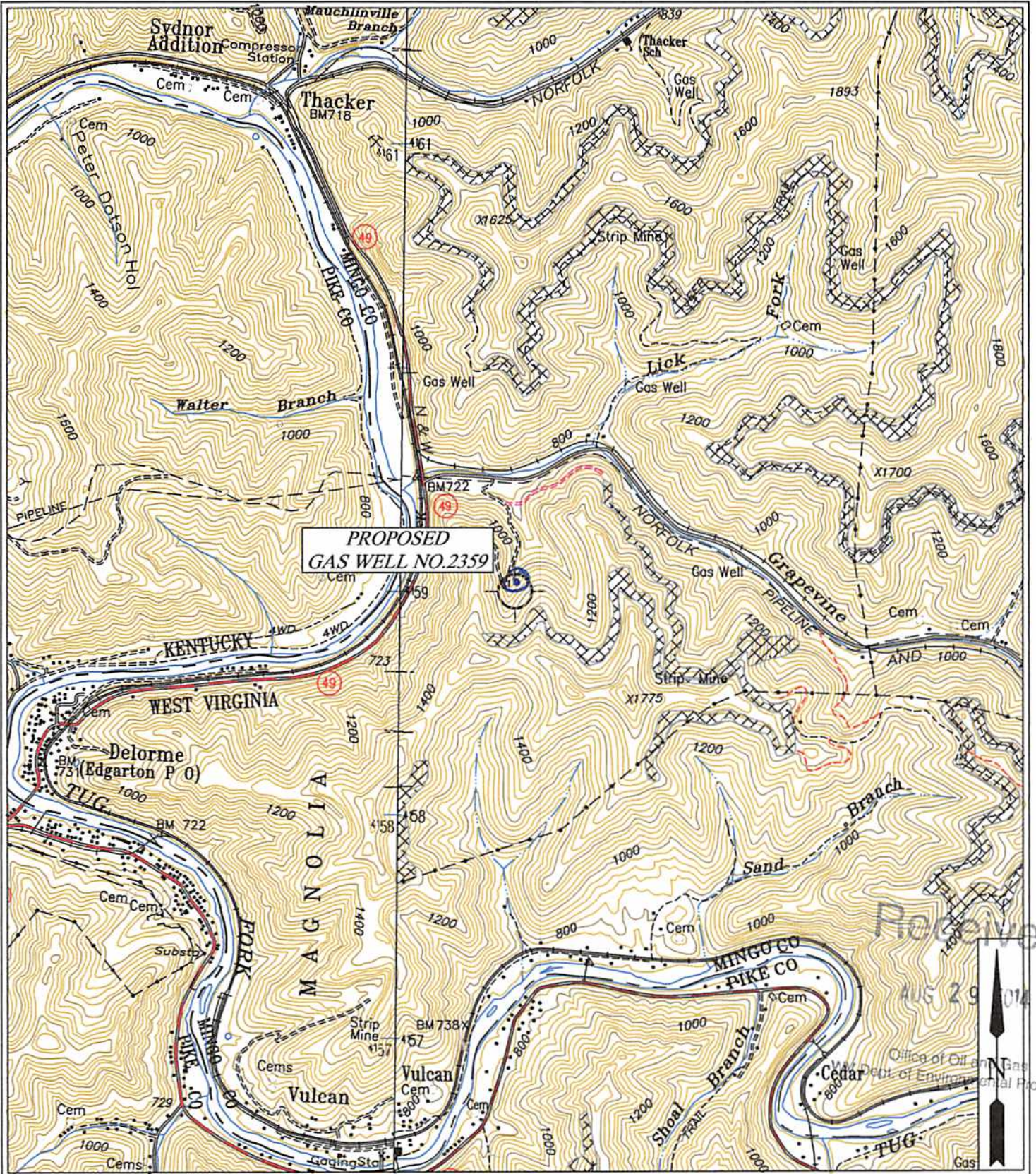
LOCATION: ELEVATION 1,076.9' WATER SHED GRAPEVINE  
 DISTRICT MAGNOLIA CREEK OF THE COUNTY MINGO  
 QUADRANGLE MAJESTIC TUG FORK RIVER

SURFACE OWNER LOGAN COAL & TIMBER CORP., et.al. ACREAGE ± 401  
 OIL & GAS ROYALTY OWNER LOGAN COAL & TIMBER CORP., et.al. LEASE ACREAGE ± 401  
 LEASE No. \_\_\_\_\_

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 B.LIME, WEIR, BEREA, B.SHALE ESTIMATED DEPTH 4540'  
 WELL OPERATOR QUALITY NATURAL GAS, LLC DESIGNATED AGENT JAMES HILL  
 ADDRESS P.O. BOX 480 ADDRESS HC 71 RT. 4 BOX 87A  
Allen, Kentucky 41601 WHARNCLIFF, WV 25851



**PROPOSED  
GAS WELL NO.2359**

Received

AUG 29 2014

Office of Oil and Gas  
West Virginia Dept. of Environmental Protection



B & B Engineering, LLC  
36 Hatfield Lane  
Prestonsburg, KY 41653  
Phone: (606) 784-7005

**QUALITY NATURAL GAS, LLC.**  
**LOCATION MAP**  
PROPOSED GAS WELL NO. 2359

QUAD: MAJESTIC  
SCALE: 1" = 2000'  
DATE: 05/20/2014  
FILE NAME: 2359VicMap.DWG