

SURFACE OWNER
Logan Coal & Timber
C. W. Campbell Co.
JLCLCT, Inc.

OWNER OF OIL & GAS
Logan Coal & Timber
C. W. Campbell Co.
JLCLCT, Inc.

LEASEE OF OIL & GAS
Quality Natural Gas
OWNER OF COAL
Logan Coal & Timber
C. W. Campbell Co.
JLCLCT, Inc.

LEASEE OF COAL
Cam of KY Realestate
COAL OPERATOR
Cam Mining, LLC

PROPOSED WELL #2408

SURFACE OWNER
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Cam of KY Realestate
COAL OPERATOR
Cam Mining, LLC

BETTY DOTSON
(Surface Owner)

OWNER OF OIL & GAS
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OWNER OF COAL
Logan Coal & Timber
C. W. Campbell Co.
JLCLCT, Inc.

LEASEE OF COAL
Cam of KY Realestate
COAL OPERATOR
Cam Mining, LLC

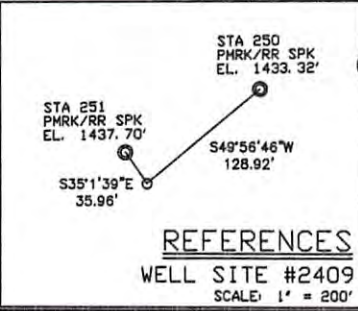
ALEX BLANKENSHIP
(Surface owner)

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NOTE: THERE ARE NO DWELLINGS OR KNOWN WATER WELLS WITHIN 200' OF AN EXISTING WELL.



PERMIT #4705901887
WELL #1729

State Plane
WV South Nad 27
N = 206,858
E = 1,674,022

Geographic Nad 27
LAT = 37° 33' 46"
LONG = 82° 07' 29"

UTM NAD 83 Zone 17 (Meter)	
N = 4,157,899	E = 400,691
State Plane WV South NAD 83	
N = 206901	E = 1,642,573

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. WVA2409.DWG

SCALE 1" = 500'

MINIMUM DEGREE OF ACCURACY 1 IN 2,500'

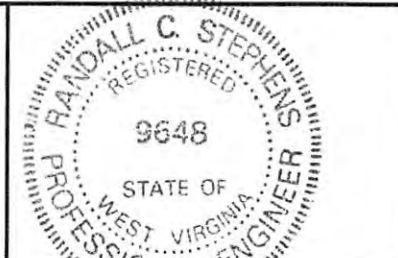
PROVEN SOURCE OF ELEVATION USGS B. M.

MONUMENT # 738

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL INFORMATION REQUIRED BY LAWS AND REGULATION ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION AGENCY.

Randall C Stephens

PE # 9648



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

DATE: 08/26/17
OPERATOR'S WELL NO. 2409

47 -- 59 -- 02264
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1435' WATER SHED TUG FORK OF BIG SANDY RIVER
DISTRICT MAGNOLIA COUNTY MINGO
QUADRANGLE MAJESTIC

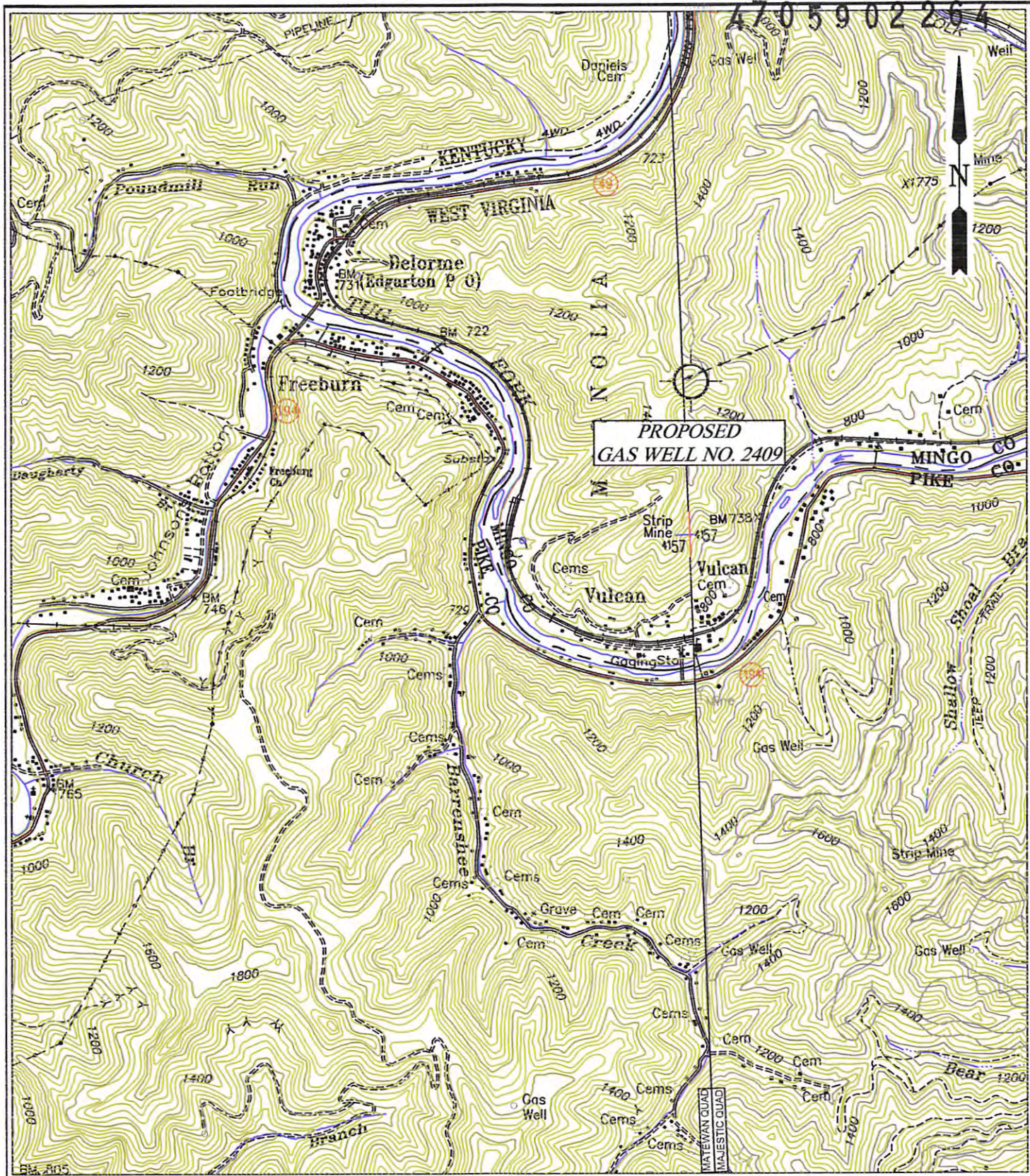
SURFACE OWNER ALWYN ALEX BLANKENSHIP ACREAGE +/- 260 **10/27/2017**
OIL & GAS ROYALTY OWNER LOGAN COAL & TIMBER CORP., C.W. CAMPBELL CO. & JLCLCT, INC LEASE ACREAGE +/- 260
LEASE No. 855

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 HARRELL SHALE ESTIMATED DEPTH 4898

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 WHARNCLIFFE, WV 25651



Randall Stephens, LLC
 P.O. Box 267
 Hager Hill, KY 41222
 Phone: (423) 736-4572

QUALITY NATURAL GAS, LLC.
LOCATION MAP
 PROPOSED GAS WELL NO. 2409

QUAD: MAJESTIC
 SCALE: 1" = 2000'
 DATE: 08-26-17
 FILE NAME: WWAVIC2409.DWG