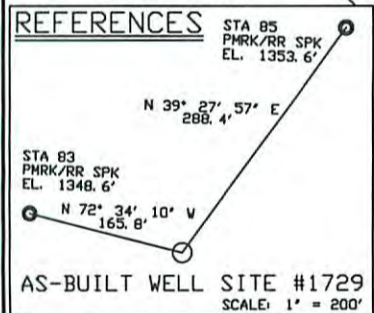
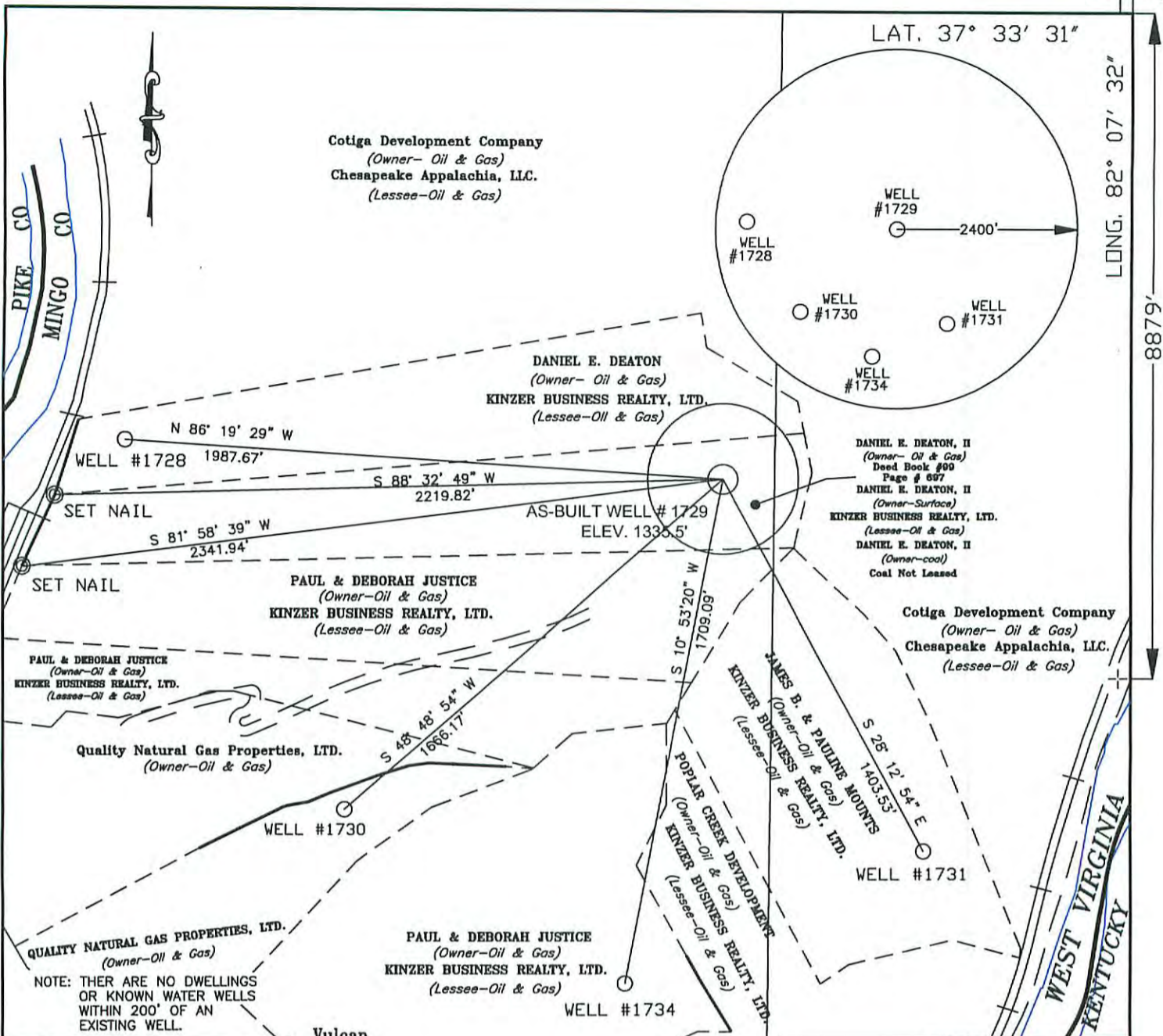


5901887W

1/3



Vulcan

State Plane
WV South Nad 27
N = 205,478
E = 1,673,717

Geographic Nad 27
LAT = 37° 33' 31"
LONG = 82° 07' 32"

UTM NAD 83
Zone 17 (Meter)

N = 4,157,478
E = 400,598

State Plane
WV South NAD 83
N = 205520
E = 1,642,267

LEGEND

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

DRAWING No. WVA1729.DWG

SCALE 1" = 500'

MINIMUM DEGREE OF ACCURACY 1 IN 2,500'

PROVEN SOURCE OF ELEVATION USGS B. M. MONUMENT # 722

REGISTERED PROFESSIONAL ENGINEER

WILLIAM B. BROWN, JR.

17834

STATE OF WEST VIRGINIA

642267

WFB

B & B Engineering, LLC

P.O. Box 1596
Prestonsburg, KY 41653
Phone: (606) 874-7005

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

DATE: 07/28/15
OPERATOR'S WELL NO. 1729
API WELL NO. 47059018870000

47 -- 59 -- 01887
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1335' WATER SHED TUG FORK of BIG SANDY RIVER
DISTRICT MAGNOLIA COUNTY MINGO
QUADRANGLE MATEWAN

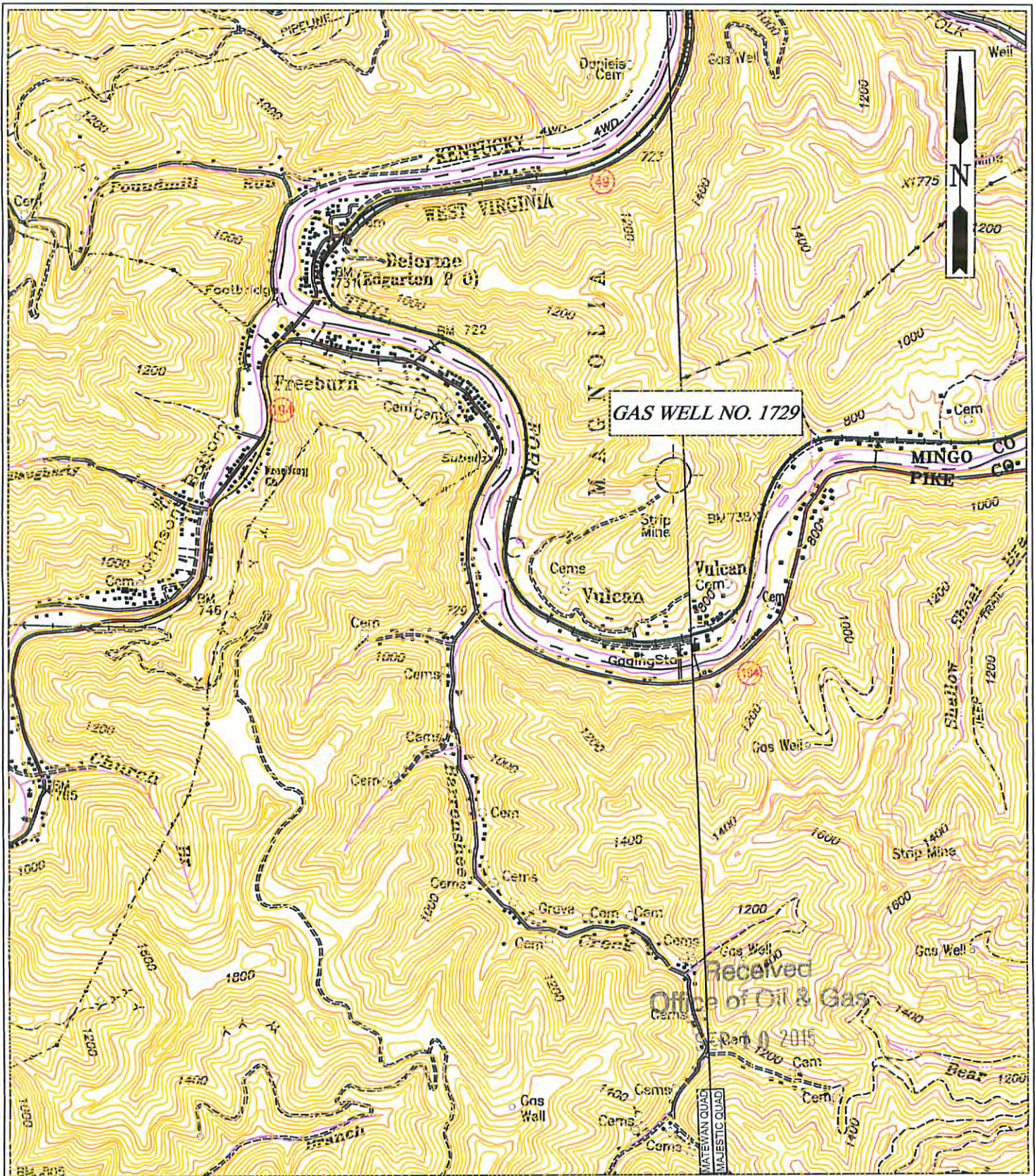
SURFACE OWNER DANIEL E. DEATON, II ACREAGE +/- 18
OIL & GAS ROYALTY OWNER DANIEL E. DEATON, II LEASE ACREAGE +/- 18
LEASE No. 848

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 DEVONIAN SHALE ESTIMATED DEPTH 4893'
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

12/11/2015



B & B Engineering, LLC
 P.O. Box 1596
 Prestonsburg, KY 41653
 Phone: (606) 285-3400

QUALITY NATURAL GAS, LLC.
LOCATION MAP
 PROPOSED GAS WELL NO. 1729

QUAD: MATEWAN
SCALE: 1" = 2000'
DATE: 08/25/2015
FILE NAME: WWAVIC1729.DWG

12/11/2015