

2545'

LAT. 37° 33' 21"

LONG. 82° 07' 1"

9869'

Cotiga Development Company
(Owner- Oil & Gas)
Chesapeake Appalachia, LLC.
(Lessee-Oil & Gas)

DANIEL E. DEATON
(Owner- Oil & Gas)
KINZER BUSINESS REALTY, LTD.
(Lessee-Oil & Gas)

DANIEL E. DEATON, II
(Owner-Oil & Gas)
KINZER BUSINESS REALTY, LTD.
(Lessee-Oil & Gas)

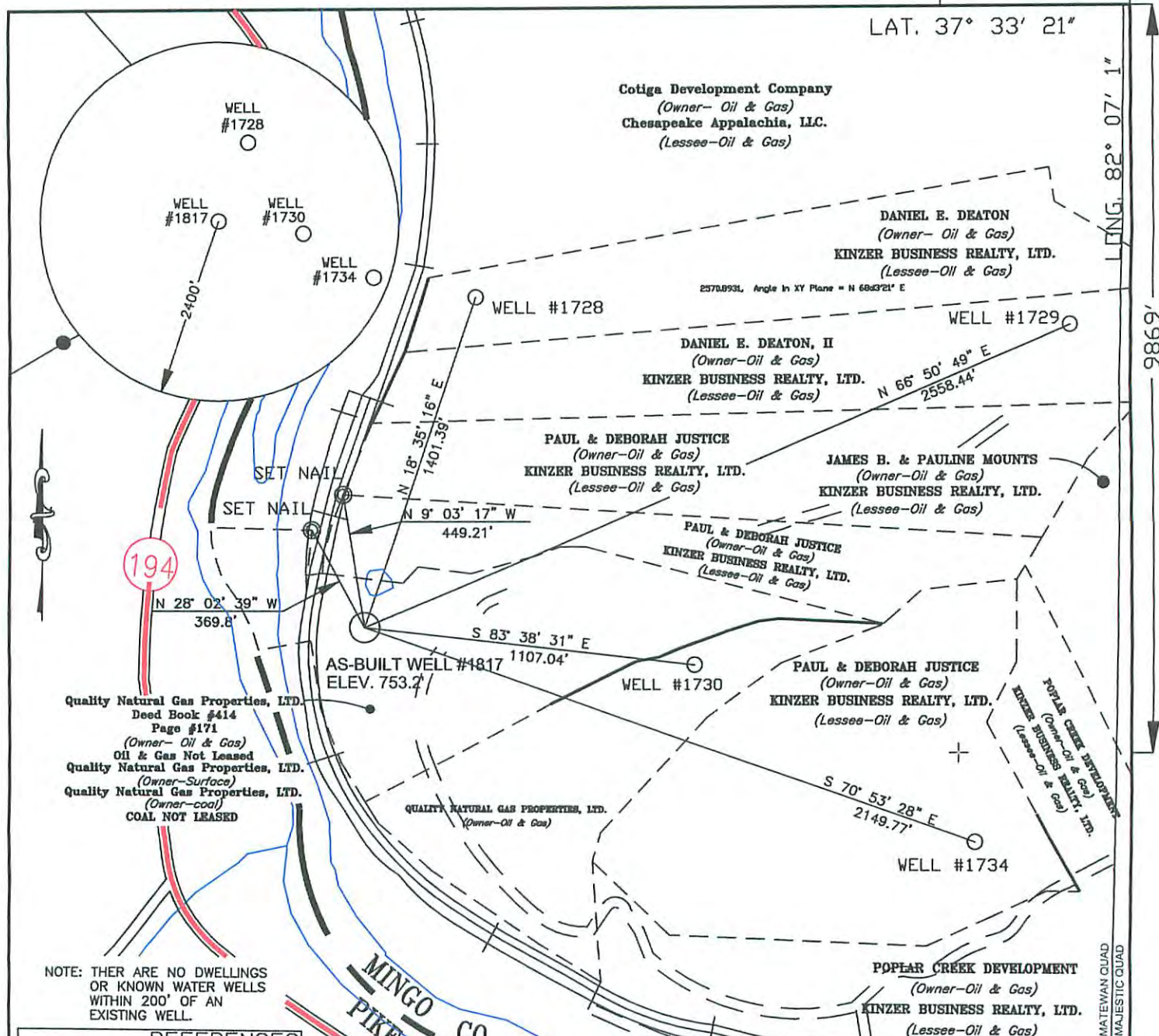
PAUL & DEBORAH JUSTICE
(Owner-Oil & Gas)
KINZER BUSINESS REALTY, LTD.
(Lessee-Oil & Gas)

JAMES B. & PAULINE MOUNTS
(Owner-Oil & Gas)
KINZER BUSINESS REALTY, LTD.
(Lessee-Oil & Gas)

PAUL & DEBORAH JUSTICE
(Owner-Oil & Gas)
KINZER BUSINESS REALTY, LTD.
(Lessee-Oil & Gas)

PAUL & DEBORAH JUSTICE
(Owner-Oil & Gas)
KINZER BUSINESS REALTY, LTD.
(Lessee-Oil & Gas)

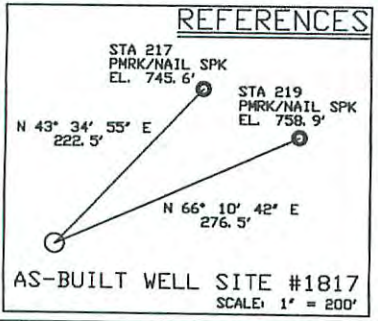
POPLAR CREEK DEVELOPMENT
(Owner-Oil & Gas)
KINZER BUSINESS REALTY, LTD.
(Lessee-Oil & Gas)



Quality Natural Gas Properties, LTD.
Deed Book #414
Page #171
(Owner- Oil & Gas)
Oil & Gas Not Leased
Quality Natural Gas Properties, LTD.
(Owner-Surface)
Quality Natural Gas Properties, LTD.
(Owner-coal)
COAL NOT LEASED

QUALITY NATURAL GAS PROPERTIES, LTD.
(Owner-Oil & Gas)

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



State Plane
WV South Nad 27
N = 204,503
E = 1,671,363
Geographic Nad 27
LAT = 37° 33' 21"
LONG = 82° 08' 01"

UTM NAD 83
Zone 17 (Meter)
N = 4,157,181
E = 399,881
State Plane
WV South NAD 83
N = 204545
E = 1671363

LEGEND

- DENOTES LOCATION WELL IN UNITED STATES TOPOGRAPHICAL MAPS
- PROPOSED WELL
- PLUGGED WELL
- EXISTING WELL
- SURVEY STATION
- TREE
- ROADS
- RAILROAD
- STREAM, DRAIN, CREEK

Received
Office of Oil & Gas
SEP 10 2015

DRAWING No. WVA1817.DWG
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 IN 2,500'
PROVEN SOURCE OF ELEVATION USGS B. M.
MONUMENT # 722

WILLIAM A. BROWN, JR.
REGISTERED PROFESSIONAL ENGINEER
17834 STATE OF WEST VIRGINIA

WAB

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: 08/06/15
OPERATOR'S WELL NO. 1817
API WELL NO. 47059018940000
47 -- 59 -- 01894W
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 753' WATER SHED TUG FORK of BIG SANDY RIVER
DISTRICT MAGNOLIA COUNTY MINGO
QUADRANGLE MATEWAN

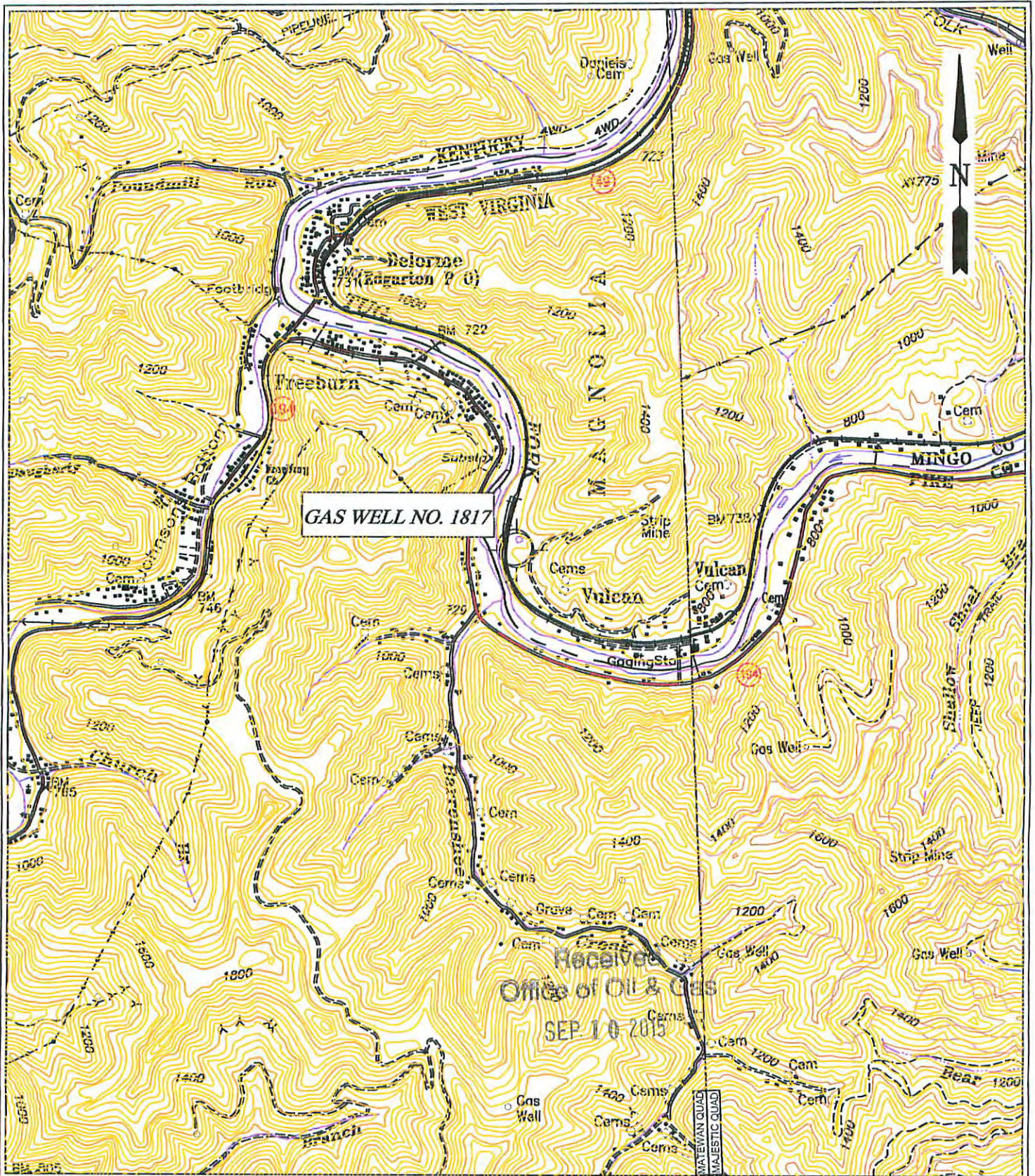
SURFACE OWNER QUALITY NATURAL GAS PROPERTIES, LTD. ACREAGE +/- 18
OIL & GAS ROYALTY OWNER QUALITY NATURAL GAS PROPERTIES, LTD. LEASE ACREAGE +/- 18
LEASE No. 1005

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 5000'
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



GAS WELL NO. 1817

Received
Office of Oil & Gas
SEP 10 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. 1817

QUAD: MATEWAN
SCALE: 1" = 2000'
Date: 08/25/2015
FILE NAME: WVAVIC1817.DWG