

LONG. 81° 29' 25.7"

9250' W

LATITUDE 37° 57' 30"

NOTE: LEASE LINE IS WELL BEYOND 400 FEET FROM PROPOSED WELL AND DOES NOT APPEAR ON PLAT ALSO THERE ARE NO DEEP WELLS WITHIN 1 MILE OF PROPOSED WELL

WESTERN POCAHONTAS PROPERTIES LTD. TM 3 P 3 DB 718 P 305

WESTERN POCAHONTAS PROPERTIES LTD. TM 3 P 6 DB 718 P 305

WESTERN POCAHONTAS PROPERTIES LTD. TM 3 P 5.1 DB 718 P 305

WESTERN POCAHONTAS PROPERTIES LTD. TM 3 P 5 DB 718 P 305

LONGITUDE 81° 27' 30"

S 10650'

LAT. 37° 55' 44.9"

NORTH

PROPOSED 45NDS EXISTING MINE ROAD

N 81°31' E 4177.26'

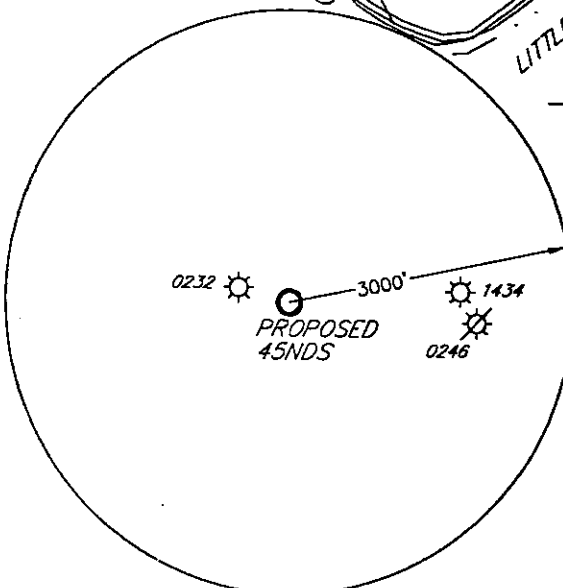
S 82°46' E 3247.45'

LITTLE MARSH FORK

BACON HOLLOW

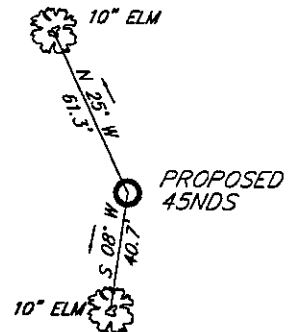
119 NDS (0137)

42NDS (1368)



NAD '27 WV STATE PLANE COORDINATES N. 338693 E. 1858538 LAT. 37°-55'-44.9" LONG. 81°-29'-25.7"

REFERENCES

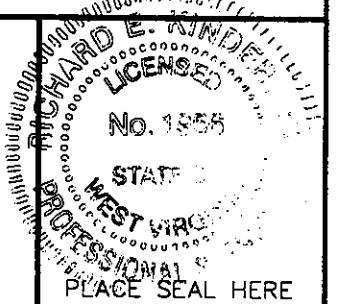


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 07021 DRAWING NO. SCALE 1" = 1000' MINIMUM DEGREE OF ACCURACY 1 : 2500 PROVEN SOURCE OF ELEVATION GPS OBSERVATION

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) R.P.E. L.L.S. 1956



STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION



DATE OCTOBER 24, 2007 OPERATOR'S WELL NO. 45NDS API WELL NO. 47-081-01435 Revised STATE COUNTY PERMIT

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL (IF "GAS,") PRODUCTION STORAGE DEEP X SHALLOW LOCATION: ELEVATION 1493.4' WATERSHED LITTLE MARSH FORK DISTRICT MARSH FORK COUNTY RALEIGH QUADRANGLE DOROTHY

SURFACE OWNER WESTERN POCAHONTAS PROPERTIES LTD. ACREAGE 1261.75 OIL & GAS ROYALTY OWNER ENERGEN RESOURCES INC. ET. AL. LEASE ACREAGE 27236.96 LEASE NO.

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION Gordon, Brushale, and Marcellus/Honover limestone ESTIMATED DEPTH 6316' WELL OPERATOR NORTH COAST ENERGY EASTERN INC. DESIGNATED AGENT GEORGE M. PUSKAS ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164 ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164 NOV 21 2007

COUNTY NAME

RALEIGH

PERMIT

1435 R

LONG. 81° 29' 25.7"

9250' W

LATITUDE 37° 57' 30"

WESTERN POCAHONTAS
PROPERTIES LTD.
TM 3 P 3
DB 718 P 305

WESTERN POCAHONTAS
PROPERTIES LTD.
TM 3 P 5.1
DB 718 P 305

WESTERN POCAHONTAS
PROPERTIES LTD.
TM 3 P 6
DB 718 P 305

WESTERN POCAHONTAS
PROPERTIES LTD.
TM 3 P 5
DB 718 P 305

LONGITUDE 81° 27' 30"

S 10650'

LAT. 37° 55' 44.9"

NORTH

PROPOSED 45NDS
EXISTING MINE ROAD

LITTLE MARSH FORK

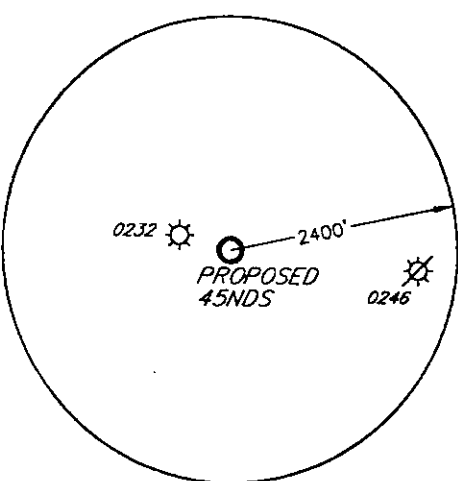
BACON HOLLOW

N 81°31' E
4177.26'

S 82°46' E
3247.45'

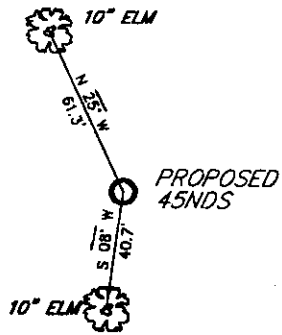
719 NDS (0137)

42NDS (1368)



NAD '27 WV STATE
PLANE
COORDINATES
N. 338693
E. 1858538
LAT. 37°-55'-44.9"
LONG. 81°-29'-25.7"

REFERENCES



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 07021
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF
ACCURACY 1:2500
PROVEN SOURCE OF
ELEVATION GPS OBSERVATION

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) _____
R.P.E. _____ I.L.S. 1956



STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION



DATE APRIL 12, 2007
OPERATOR'S WELL NO. 45NDS
API WELL NO. 47-081-01435
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION X STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1493.4' WATERSHED LITTLE MARSH FORK
DISTRICT MARSH FORK COUNTY RALEIGH
QUADRANGLE DOROTHY

SURFACE OWNER WESTERN POCAHONTAS PROPERTIES LTD. ACREAGE 1261.75
OIL & GAS ROYALTY OWNER ENERGEN RESOURCES INC. ET. AL. LEASE ACREAGE 27236.96
LEASE NO. _____

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

JUN 08 2007
PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION GORDON & SHALE ESTIMATED DEPTH 5225 FT.
WELL OPERATOR NORTH COAST ENERGY EASTERN INC. DESIGNATED AGENT DAVID L. COX
ADDRESS P.O. BOX 8 ADDRESS P.O. BOX 8
RAVENSWOOD, WV 26164 RAVENSWOOD, WV 26164

COUNTY NAME PERMIT

RAL 1435