MARTHA ENGLISH LEASE
102.37 OF 189.4 AC.±
WELL NO. 5H

LATITUDE 38° 55' 00"

LONGITUDE 80° 12' 30"

1,930'

1,115'

SURFACE HOLE

BOTTOM HOLE

WV SOUTH ZONE GRID NORTH

6J-19 S. ADAMS 42.27 AC.

6J-2.27 T. GOWER 1 AC.

6J-21 M. WAMSLEY 13.87 AC.

6J-63.1 J. BLACK 2.53 AC.

6J-63.4 R. HEAVER 8.2 AC.

6K-37 M. MODDY & B. BOLYARD 76.03 AC.

6K-2 S. ELBON 41.25 AC.

6K-3 D. TENNY 3 AC.

6K-4 D. TENNY 116.24 AC.

6J-27 J. HAMNER 7.02 AC.

6K-18 E. CASTLE 11.29 AC.

6K-20 J. THRAIN 10.27 AC.

6K-21 V. SCOTT 5 AC.

TRUBIE RUN

N 20°00' W BORE PATH 4487'

7001094

6K-23 W. GRIMM 50 AC.

6K-17 D. ZIRKLE 11.71 AC.

6K-5.3 J. SMITH 1 AC.

6K-5.2 D. HAMNER 9 AC.

6K-5.1 L. ELBON 10 AC.

6K-6 ELBON CEMETERY 1 AC.

1255734 001

6K-14 L. BLACK 12.06 AC.

6K-16 D. ZIRKLE 11.71 AC.

6K-24 M. STRADER 28.17 AC.

6K-5 R. SIPE 33.5 AC.

6K-7.1

6K-7.2

6K-7 D. STALNAKER 30 AC.

6K-13.1

20" OAK STUMP

HARA JOHNSON L.B.J. 0.84 AC.

6K-25 D. TACKETT 10.21 AC.

6K-26 M. CURRENCE 18.79 AC.

N 12°22' E 955.7'

TP

6K-13 E. CASTO 46.8 AC.

1258208

WELL NO. 5H

6K-27 L. BAKER 69.57 AC.

6K-12 M. GEORGE 102.37 AC.

S 21°31' E 1454.0'

1255734

25" WHITE OAK (HACKED)

REFERENCE NOTES

LEASE AS SHOWN TAKEN FROM DESCRIPTION RECORDED IN DEED BOOK 190 PAGE 188 AND OTHERS.

OWNERSHIP TAKEN FROM PUBLIC RECORDS OF UPSHUR COUNTY, WV IN JULY, 2009.

NAD 27 LAT./LONG. BY DIFFERENTIAL SUBMETER MAPPING GRADE GPS

DRAFTED BY: J.M.S.

SURFACE HOLE
X) 2,223,341
Y) 697,774
NAD 27
DEC. LAT.) 38.91361
DEC. LONG.) 80.21513
LAT.) 38-54-49.0
LONG.) 80-12-54.5

NOTE: BORE PATH BASED ON GRID NORTH.

REFERENCES

Fence Post

Fence Post

N 55° W 266.7'

N 65°07' W 278.5'

WELL NO. 5H

WOODS

WOODS

MAG. 02/02/10

1" = 200'

BOTTOM HOLE

WEST 3075'

SOUTH 1193.30' OF LAT. 38-57-30

BORE PATH

2208

1112

1573

WELL NO. 5H

2400'

1421

1155

2992

TARGET POINT
X) 2,223,693
Y) 697,902
NAD 27
DEC. LAT.) 38.91395
DEC. LONG.) 80.21389
LAT.) 38-54-50.2
LONG.) 80-12-50.0

BOTTOM HOLE
X) 2,222,158
Y) 702,119
NAD 27
DEC. LAT.) 38.92557
DEC. LONG.) 80.21916
LAT.) 38-55-32.0
LONG.) 80-13-09.0

(+)DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER W090196 (WB14-70)

DRAWING NUMBER W090196_5Hrev.dwg

SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1/2500

PROVEN SOURCE OF ELEVATION SUBMETER MAPPING GRADE GPS

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

P.S. 1006 Terry A. Shreve

TERRY A. SHREVE LICENSED No. 1006 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

STATE OF WEST VIRGINIA

ANGLE RIGHT LAND SURVEYING, LLC.
GRANTSVILLE, WV 26147 (304) 354-0065
WESTON, WV 26452 (304) 269-5608

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

DATE: March 11, 2010

OPERATORS WELL NO. 832040 MARTHA ENGLISH 5H

API WELL NO. 47 - 097 - 03735
STATE COUNTY PERMIT

CANCELLED

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

LOCATION ELEVATION 1755' WATERSHED BUCKHANNON RIVER

DISTRICT WASHINGTON COUNTY UPSHUR

QUADRANGLE BUCKHANNON 7.5' LEASE NUMBER 1255734

SURFACE OWNER MARTHA J. ENGLISH ACREAGE 102.37

OIL & GAS ROYALTY OWNER WILLIAM G. HAMNER, et al LEASE ACREAGE 96±

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) ___
PLUG & ABANDON ___ CLEAN OUT & REPLUG ___

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7231' + Horizontal Leg

WELL OPERATOR CHESAPEAKE APPALACHIA, L.L.C. DESIGNATED AGENT Eric B. Gillespie

ADDRESS P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496 ADDRESS P.O. BOX 6070 CHARLESTON, WV 25362

COUNTY NAME PERMIT

form ww6

A.R.L.S