

NCEE1146HN
BOTTOM HOLE
STATE PLANE
COORDINATES
NORTH ZONE
(N) 241035
(E) 1381327

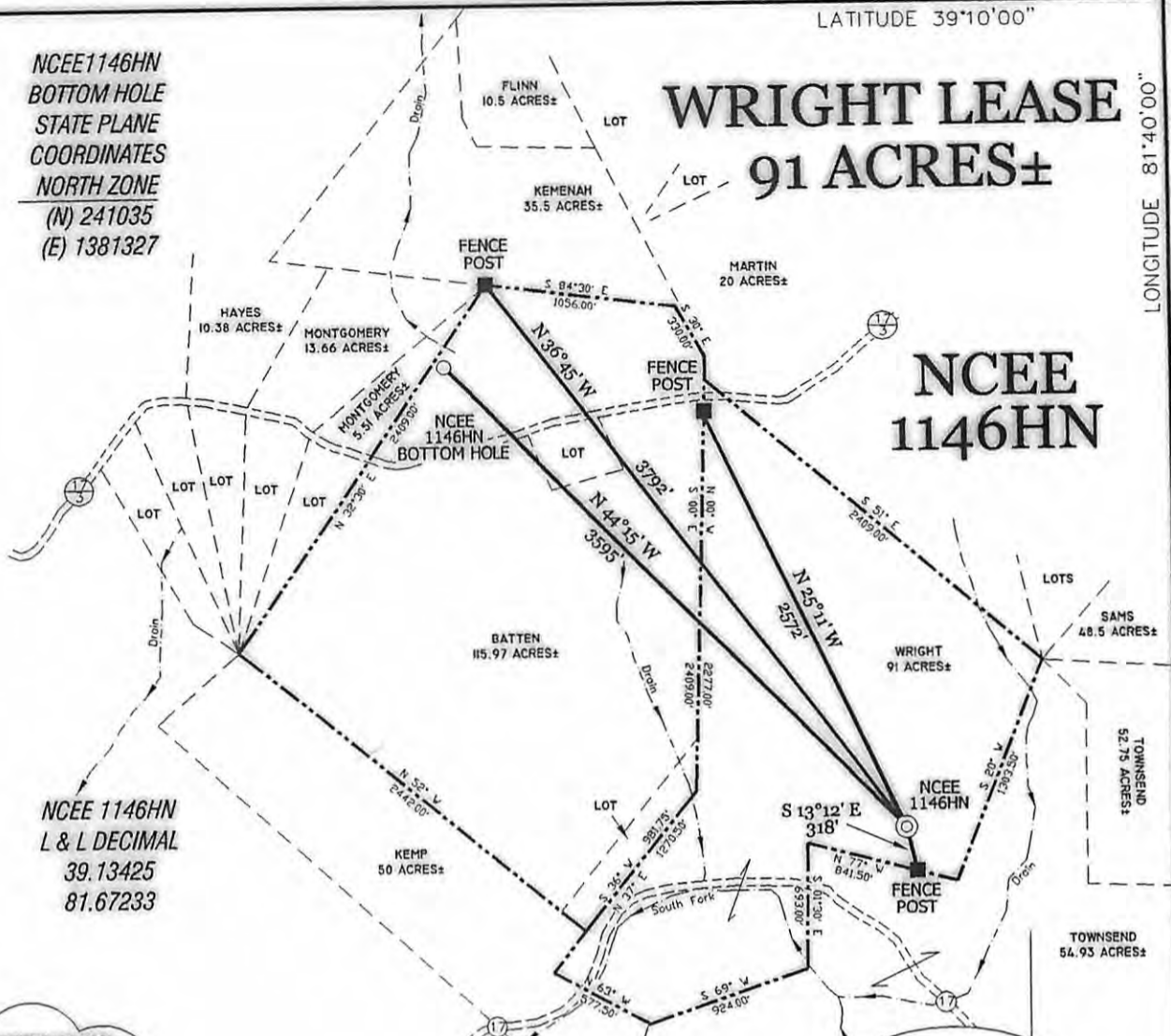
WRIGHT LEASE 91 ACRES±

NCEE 1146HN

NCEE 1146HN
BOTTOM HOLE
L & L DECIMAL
39.14116
81.68139

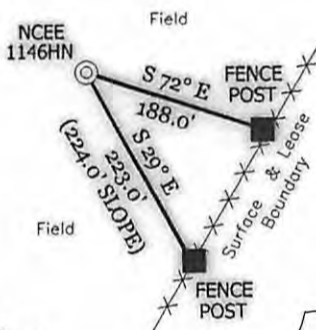
NCEE 1146HN
STATE PLANE
COORDINATES
NORTH ZONE
(N) 238461
(E) 1383836

NCEE 1146HN
L & L DECIMAL
39.13425
81.67233



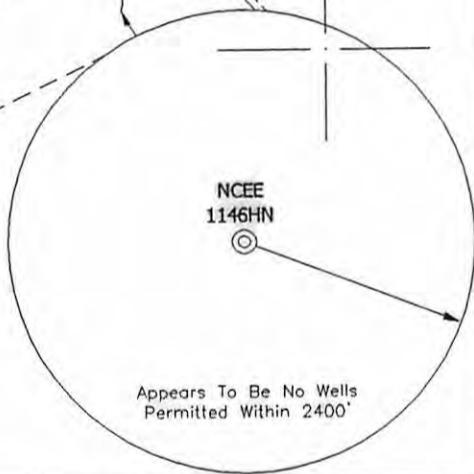
REFERENCES

1" = 200'



NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 07-30-08.
LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED AT DEED BOOK 860 AT PAGE 141 AND INFORMATION PROVIDED BY EXCO-NORTH COAST ENERGY EASTERN, INC. SURFACE OWNER AND ADJOINER.
INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WOOD COUNTY IN JULY, 2008 AND INFORMATION PROVIDED BY EXCO-NORTH COAST ENERGY EASTERN, INC.
WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 834

Doyle Hupp

HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 354-7035 EMAIL: hupp@frontiernet.net



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

DATE: SEPTEMBER 15, 2008
OPERATORS WELL NO. NCEE 1146HN

API WELL NO. 47-107-01703H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1793 (BK37-17)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 1000'

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



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

LOCATION: ELEVATION 815' WATERSHED SOUTH FORK
DISTRICT HARRIS COUNTY WOOD QUADRANGLE LUBECK 7.5'

SURFACE OWNER DARRELL WRIGHT ACREAGE 91±
ROYALTY OWNER DARRELL WRIGHT LEASE ACREAGE 91±

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___
PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION LOWER HURON
ESTIMATED DEPTH TVD-3744' TMD-7500'

WELL OPERATOR EXCO - NORTH COAST ENERGY EASTERN, INC. DESIGNATED AGENT SHARON BARTH
ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164 ADDRESS 707 VIRGINIA ST. EAST CHARLESTON, WV 25301

07/19/2013