

LONG. 81-49-01.0

7225' W

LATITUDE 38° 42' 30"

LONGITUDE 81° 47' 30"

LAT. 38-42-25.0 525' S

PROPOSED NCEE 1081 HS

TOP HOLE

NAD 27 STATE
PLANE COORDINATES
WV SOUTH
N. 622584
E. 1766865
LAT. 38-42-25.0
LONG. 81-49-01.0

BOTTOM HOLE

NAD 27 STATE
PLANE COORDINATES
WV SOUTH
N. 620311
E. 1766995
LAT. 38-42-02.7
LONG. 81-48-34.1

TM 430 P 5

GRANT BARNETT
DB 368 PG 422
TM 430 P 14

GRANT BARNETT
DB 210 PG 31
TM 430 P 6

GRANT BARNETT
DB 210 PG 31
TM 430 P 7

GRANT BARNETT
DB 210 PG 31
TM 430 P 12

DEBRA SARGENT
DB 362 PG 548
TM 430 P 15

GRANT BARNETT
WB 15 PG 233
TM 450 P 5

GRANT BARNETT
DB 368 PG 422
TM 430 P 111

GRANT BARNETT
DB 271 PG 663
TM 450 P 4

GRANT BARNETT
DB 288 PG 233
TM 430 P 10

HEARTWOOD FORESTLAND
DB 366 PG 599
TM 450 P 12.1

GRANT BARNETT
DB 310 PG 494
TM 450 P 10

NCEE 1081 HS
TOP HOLE

NCEE 1081 HS
BOTTOM HOLE

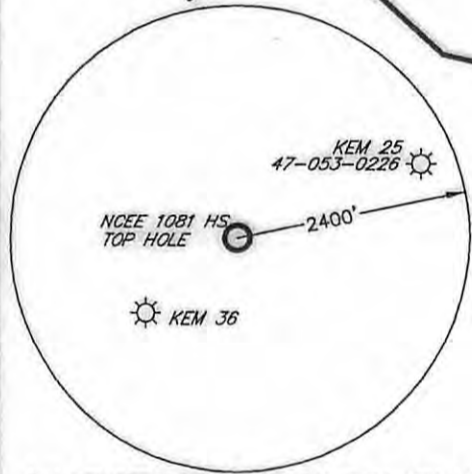
REFERENCES

23" WHITE OAK
N 64° W
142.9'

S 84° W
221.8'

NCEE 1081 HS
TOP HOLE

GUY WIRE



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

FILE NO. 08072
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. _____ L.L.S. 1956



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



DATE JULY 23, 20 08
OPERATOR'S WELL NO. NCEE 1081 HS
API WELL NO. _____

47 053 00512-H
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 909.2 WATERSHED SAPSUCKER RUN

DISTRICT UNION COUNTY MASON

QUADRANGLE ELMWOOD 7.5'

SURFACE OWNER GRANT BARNETTE ACREAGE 147.56

OIL & GAS ROYALTY OWNER GRANT BARNETTE ET. AL. LEASE ACREAGE _____

LEASE NO. _____

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION LOWER HURON

ESTIMATED DEPTH TVD: 4,232'
TMD: 7,150'

WELL OPERATOR EXCO - NORTH COAST ENERGY EASTERN DESIGNATED AGENT SHARON BARTH

ADDRESS P.O. BOX 8 ADDRESS 707 VIRGINIA STREET EAST
RAVENSWOOD, WV 26164 CHARLESTON, WV 25314

07/19/2013

COUNTY NAME

PERMIT