

SURFACE HOLE DEC. LONG: 80.568793
SURVEYED LONG: 80° 34' 07.7"

7,500'

Latitude: 40° 12' 30"

Longitude: 80° 32' 30"

11,870'

SURFACE HOLE DEC. LAT: 40.176452
SURVEYED LAT: 40° 12' 30.0"

REFERENCE LINES
RL #1
S 64°00'00" W 824'

JOHN W. AND JOSEPH T. HUPP AND LINDA H. DOUBLE
184 ACRES
LEASE NUMBER 1-254309-001
PARCEL ID 845-16

LOCUST GROVE ROAD
KOP
S 76°01'29" E 942'

TOP HOLE (HOLE #3)
N) 612408.2
E) 1669848.9
LAT.) 40°10'35.2"
LONG.) 80°34'07.7"
DEC. LAT.) 40.176452
DEC. LONG.) 80.568792

TOP HOLE (HOLE #2)
N) 612371.1
E) 1701281.4
LAT.) 40°10'34.9"
LONG.) 80°34'08.4"
DEC. LAT.) 40.176380
DEC. LONG.) 80.568997

KOP (HOLE #3)
N) 612278.3
E) 1668793.2
LAT.) 40°10'33.8"
LONG.) 80°34'21.2"
DEC. LAT.) 40.176061
DEC. LONG.) 80.572558

KOP (HOLE #2)
N) 612241.2
E) 1700227.7
LAT.) 40°10'33.6"
LONG.) 80°34'21.9"
DEC. LAT.) 40.175989
DEC. LONG.) 80.572763

TP (HOLE #3)
N) 611810.4
E) 1668868.4
LAT.) 40°10'29.2"
LONG.) 80°34'18.9"
DEC. LAT.) 40.174782
DEC. LONG.) 80.571907

TP (HOLE #2)
N) 611773.3
E) 1700403.5
LAT.) 40°10'28.9"
LONG.) 80°34'19.6"
DEC. LAT.) 40.174710
DEC. LONG.) 80.572112

TH (HOLE #HOLE #3)
N) 4447431.1
E) 536712.9

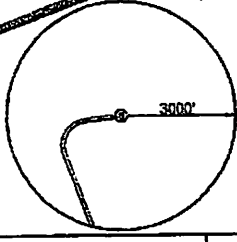
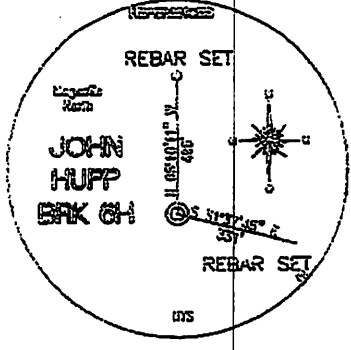
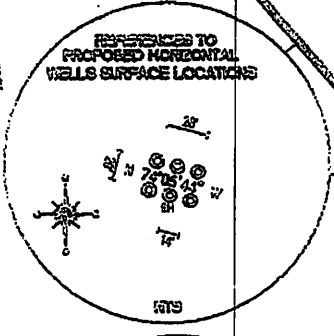
BT (HOLE #HOLE #3)
N) 4445958.0
E) 536998.0

JOHN HUPP BRK 6H
BROOKE COUNTY
OHIO COUNTY

LARRY G. BALL
130.457 ACRES
LEASE NUMBER 1-324702-000
PARCEL ID L1-38

SCOTT AND MARK SONDA
182.97 ACRES
LEASE NUMBER 1-324672-000
PARCEL ID L2-2

BLAIR KLOSS
112.403 ACRES
LEASE NUMBER 1-324180-000
PARCEL ID L2-1



BOTTOM HOLE (HOLE #2)
N) 607560.7
E) 1670570.5
LAT.) 40°09'47.4"
LONG.) 80°33'57.6"
DEC. LAT.) 40.163170
DEC. LONG.) 80.565997

BOTTOM HOLE (HOLE #3)
N) 607523.6
E) 1702004.6
LAT.) 40°09'47.2"
LONG.) 80°33'58.3"
DEC. LAT.) 40.163098
DEC. LONG.) 80.566203

REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Brooke County, West Virginia OCTOBER 2011
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Drafted by: E.A.M.

FILE #: CHE 026
DRAWING #: 1866
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: 1/200
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.
Signed:
L.L.S. #2124 : Ernest J. Benchek III

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow

WATERSHED: UPPER OHIO SOUTH
COUNTY/DISTRICT: BROOKE / BUFFALO
SURFACE OWNER: JOHN W. AND JOSEPH T. HUPP AND LINDA H. DOUBLE
OIL & GAS ROYALTY OWNER: JOHN W. AND JOSEPH T. HUPP AND LINDA H. DOUBLE
LEASE NUMBERS:

DATE: DECEMBER 8, 2011
OPERATOR'S WELL #: JOHN HUPP BRK 6H
API WELL #: 47 09 0013046A
STATE COUNTY PERMIT

CANCELLED

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):
TARGET FORMATION: MARCELLUS
WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC.
ADDRESS: PO BOX 18496
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496

ESTIMATED DEPTH: TVD: 6204' TMD: 11160'
DESIGNATED AGENT: ERIC GILLESPIE
ADDRESS: PO BOX 6070
CITY: CHARLESTON STATE: WV ZIP CODE: 25362

05/01/2015