SURFACE HOLE
UTM, NA083, ZONE 17
IN METERS
N 4,400,518.5
E 516,910.7
N 14,437,368
E 1,695,898

LATITUDE 39° 47' 30"

TARGET POINT 1
UTM, NA083, ZONE 17
IN METERS
N 4,400,279.7
E 515,639.5
N 14,433,584
E 1,695,008

NOTE: BORE PATH
BASED ON GRID NORTH.

Burch Ridge Lease
Well No. 4H
436.296± Acres

Burch Ridge Lease
Well No. 4H
436.296± Acres

NOTES:

Burch Ridge South No. 4H

REFERENCES

FILE NUMBER W0110308 W01-10
DRAWING NUMBER W0110308.WPH
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

WVDEN
OFFICE OF OIL & GAS
601 7TH STREET
CHARLESTON, WV 25304

DATE: JULY 28, 2011
OPERATORS WELL NO.
Burch Ridge
South No. 4H
API WELL NO.
47-051-0508
STATE COUNTY PERMIT

WELL TYPE: OM GAS X LIQUID INJECTION WASTE DISPOSAL
(IP "GAS") PRODUCTION X STORAGE DEEP SHALLOW X

LOCATION ELEVATION 1328' WATERSHED TRIBUTARY OF COON RUN

WATTS
Canton

COUNTY MARSHALL

COUNTRY NAME

DISTRICT FRANKLIN

COUNTY MARSHALL

QUADRANGLE POWHATAN POINT 7.5'

LEASE NUMBER W016-0001-000
W016-0045-000 W016-0005-000

ACREAGE 147.3

LEASE ACREAGE 436.296

PROPOSED WORK: DRILL X CONVERT X DRILL DEEPER X REDRILL X FRACTURE OR STIMULATE X X PLUG OFF OLD FORMATION X

PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE (SPECIFY)

PERMIT PLUG & ABANDON X CLEAN OUT & REPLUG X

ESTIMATED DEPTH 6700' + Horizontal Leg

TARGET FORMATION MARCELLUS

WELL OPERATOR GASTAR EXPLORATION USA, INC.

ADDRESS 229 W MAIN STREET, SUITE 301
CLARKSVILLE WV, 26331

DESIGNATED AGENT: MICHAEL McCOWN

ADDRESS 229 W MAIN STREET, SUITE 301
CLARKSVILLE WV, 26331

09/30/2011