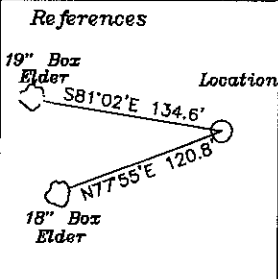


Top Hole 1,926'
Bottom Hole 5,000'

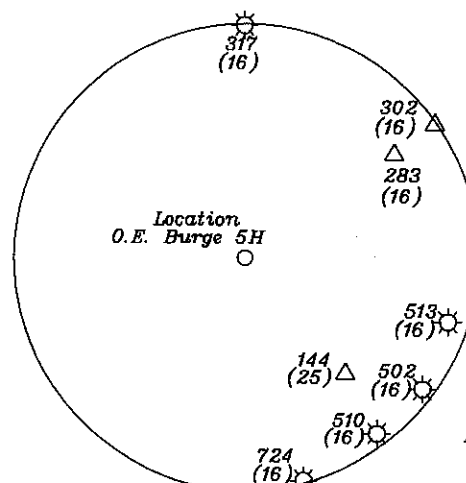
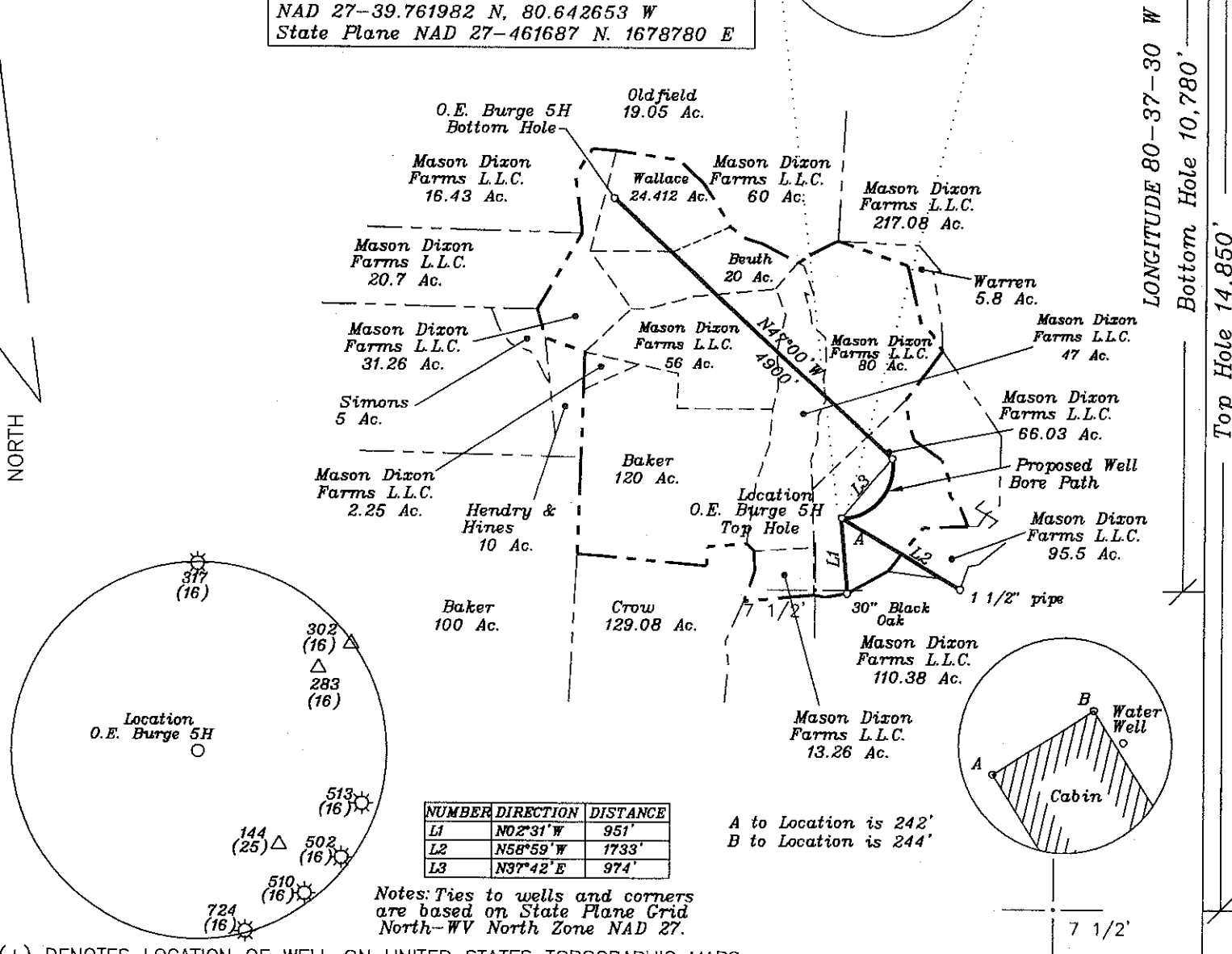
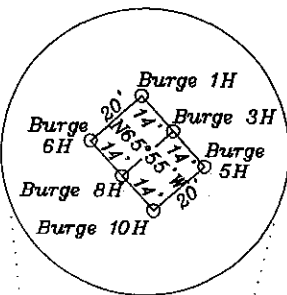
LATITUDE 39-47-30 N



Top Hole
NAD 27-39.750795 N, 80.631841 W
State Plane NAD 27-457573.7 N, 1681768.6 E

TP 1
NAD 27-39.752932 N, 80.629757 W
State Plane NAD 27-458345 N, 1682364 E

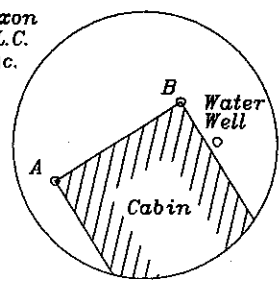
Bottom Hole
NAD 27-39.761982 N, 80.642653 W
State Plane NAD 27-461687 N, 1678780 E



NUMBER	DIRECTION	DISTANCE
L1	N02°31'W	951'
L2	N58°59'W	1733'
L3	N37°42'E	974'

Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

A to Location is 242'
B to Location is 244'



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

FILE NO. _____
DRAWING NO. 1
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION GPS
submeter unit

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 ENERGY.

(SIGNED) David L. Dalton
R.P.E. _____ L.L.S. 708

STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

DATE February 11 2010
OPERATOR'S WELL NO. O.E. Burge 5H
API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION X WASTE DISPOSAL _____ STATE 47 COUNTY 051 PERMIT 01341H

(IF "GAS") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION: ELEVATION 1,355' WATER SHED Laurel Run

DISTRICT Liberty COUNTY Marshall

QUADRANGLE Glen Easton 7 1/2'

SURFACE OWNER Mason Dixon Farms L.L.C. ACREAGE 66.03 ac.

OIL & GAS ROYALTY OWNER O. E. Burge et al LEASE ACREAGE 320.29 ac

LEASE NO. 1254850, 1254830, 1254777, & 1254783

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 Marcellus ESTIMATED DEPTH 7056' + Horizontal leg

WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Eric Gillespie

ADDRESS P.O. Box 12496 Oklahoma City, OK 73154-0496 ADDRESS P.O. Box 6070 Charleston, WV 25362

08/10/2012