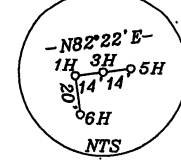


- A- Ferrell TM.31-3 22.055 Ac.
- B- Morris TM.31-15 27.058 Ac.
- C- Ferrell TM.31-3.2 5.0 Ac.
- D- Liddell TM.31-23 61.75 Ac.
- E- Hurley TM.31-17 43.37 Ac.
- F- Swaim TM.33-14 25.53 Ac.
- G- Laurita TM.33-16 0.759 Ac.
- H- Yost TM.33-17 25.21 Ac.
- J- Rowan TM.33-9 20.5 Ac.
- K- King TM.33-7 0.5 Ac.
- L- King TM.33-8.1 1.6 Ac.
- M- Cottrell TM.31-15.4 2.933 Ac.
- N- Cottrell TM.31-15.3 2.933 Ac.
- O- Layman TM.31-15.2 2.933 Ac.
- P- Carpenter TM.31-15.1 2.933 Ac.
- Q- Hurley TM. 31-22 8.89 Ac.



L1- N53°36' E 386.5'
L2- S87°04' W 994.2'

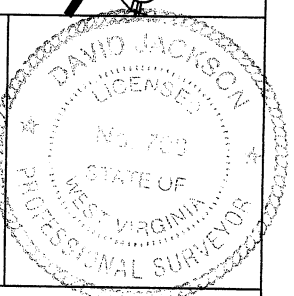
Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

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

FILE NO. _____
DRAWING NO. 1
SCALE 1" = 1000'
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 Jackson
R.P.E. _____ L.L.S. 708



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

DATE June 22, 2011
OPERATOR'S WELL NO. Daniel Morris MRN 3H
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
STATE 47 COUNTY 049 PERMIT D2173H

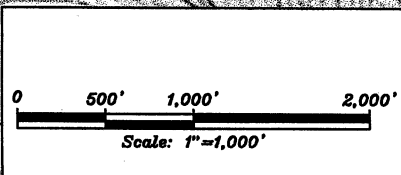
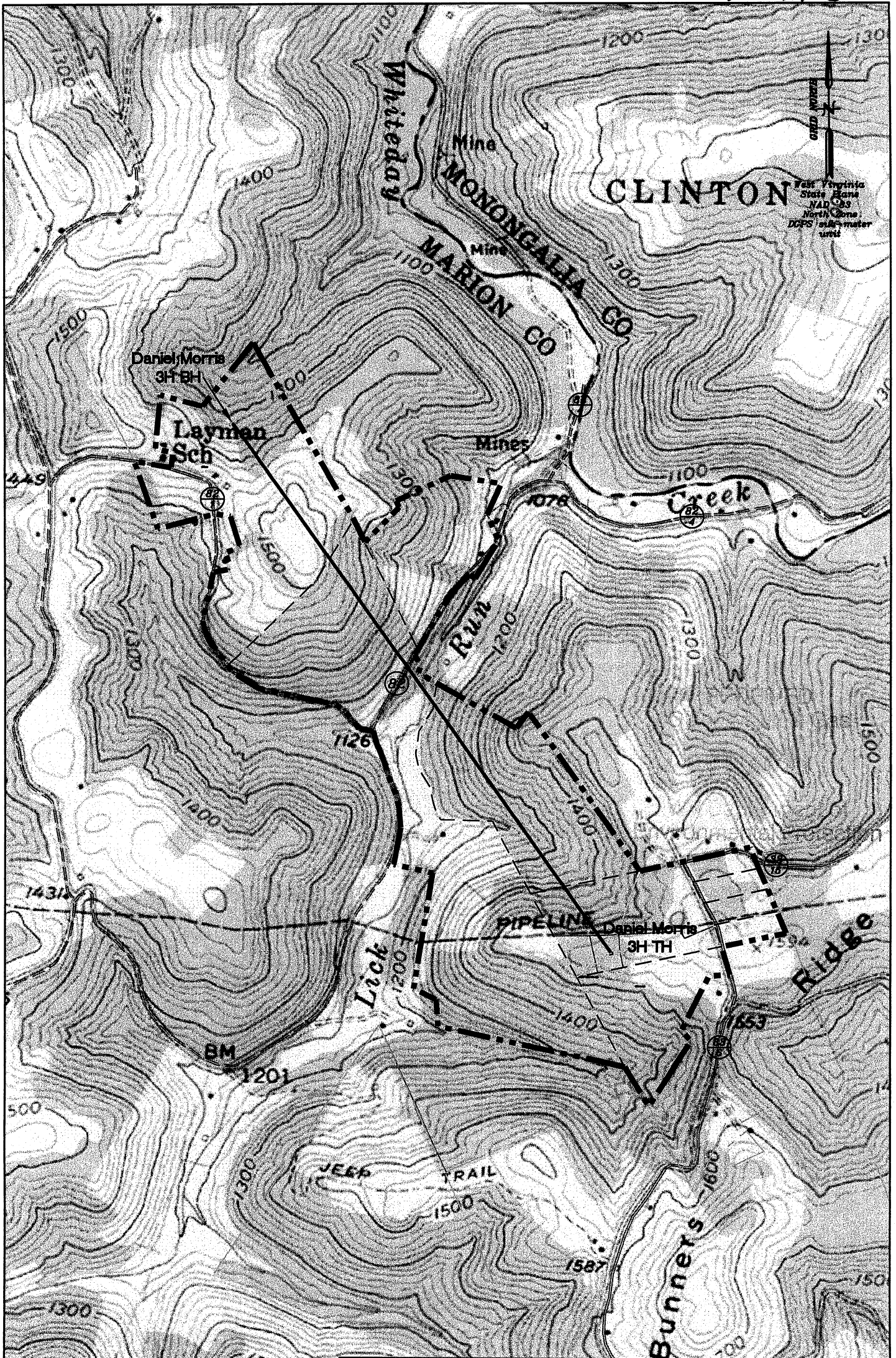
LOCATION: ELEVATION 1567' WATER SHED Lick Run
DISTRICT Winfield COUNTY Marion
QUADRANGLE Fairmont East 7-1/2'

SURFACE OWNER Daniel Morris ACREAGE 27.058 Ac.
OIL & GAS ROYALTY OWNER Daniel Morris LEASE ACREAGE 272.915 Ac.
LEASE NO. 1-250345-00 (TM 31/15), 1-290251-000 (TM 31/17, TM 31/22, & TM 33/13), 1-237226-000 (TM 31/23), 1-241677-001 thru 004 (TM 33/8)

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 7414' + Horizontal Leg

WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Eric B. Gillespie
ADDRESS P.O. Box 6070 Charleston, WV 25362 ADDRESS P.O. Box 6070 Charleston, WV 25362



Well: Daniel Morris MRN 3H
 Quad: Fairmont East 7 1/2'
 District: Winfield
 County: Marion