

SURFACE HOLE

11,216'

Latitude: 39°45'00"

BOTTOM HOLE

2,115'

JACKSON SURVEYING INC.

P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

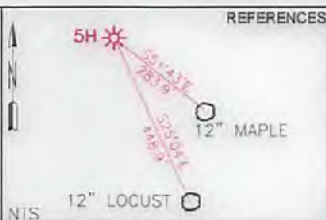
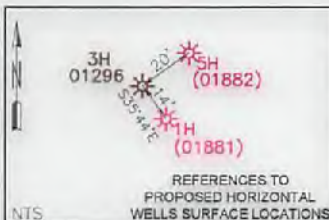
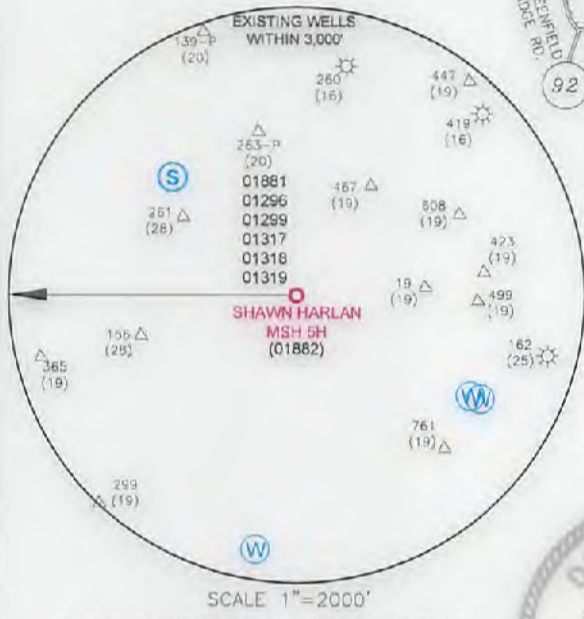
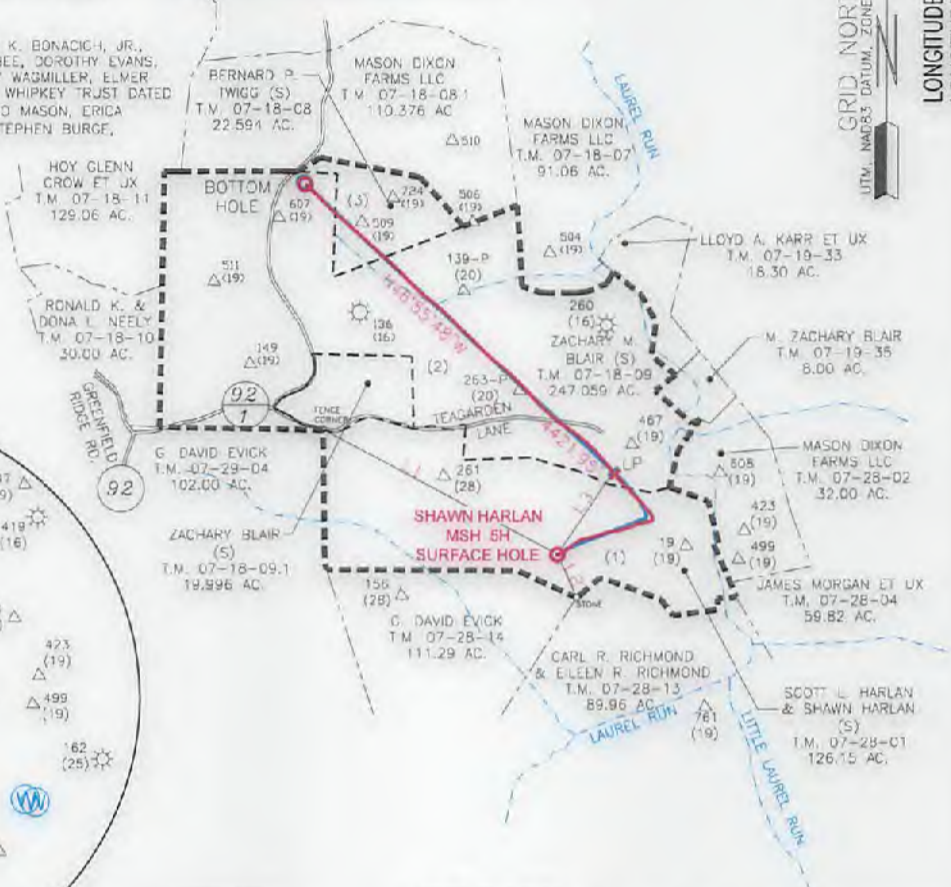


Table with columns: NUMBER, DIRECTION, DISTANCE. Rows L1, L2, L3.

Location data tables for SHL, LPL, and BHL with UTM coordinates.

ROYALTY OWNERS FOR (1): JANET E. WILBUR A/K/A JANET T. WILBUR, A/K/A JANET E. TEAGARDEN WILBUR, DAVID A. TEAGARDEN, EVA T. STALKER...



NOTES ON SURVEY: 1. NO DWELLINGS OR AGRICULTURAL BUILDINGS GREATER THAN 2,500 SQUARE FEET WITHIN 625 FEET OF PROPOSED CENTER OF PAD...

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708

Signature of David L. Jackson

COMPANY: SWN Production Company, LLC

Table with well details: (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS, WVDEP OFFICE OF OIL & GAS, MINIMUM DEGREE OF ACCURACY: 1/200, OPERATOR'S WELL #: 5H, API WELL #: 47, 051, 01882.

WELL TYPE: OIL, WASTE DISPOSAL, PRODUCTION, DEEP, GAS, LIQUID INJECTION, STORAGE, SHALLOW. WATERSHED: LAUREL RUN OF UPPER OHIO SOUTH. DISTRICT: LIBERTY, COUNTY: MARSHALL. SURFACE OWNER: SCOTT L. HARLAN AND SHAWN HARLAN. OIL & GAS ROYALTY OWNER: SEE NOTE 5. DRILL, DRILL DEEPER, REDRILL, FRACTURE OR STIMULATE, PLUG OFF OLD FORMATION, PERFORATE NEW FORMATION. CONVERT, PLUG & ABANDON, CLEAN OUT & REPLUG, OTHER CHANGE (SPECIFY) ASDRILLED. TARGET FORMATION: MARCELLUS. ESTIMATED DEPTH: 7,185' TVD, 12,059' TMD.

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC. ADDRESS: P.O. BOX 1300. CITY: JANE LEW. STATE: WV. ZIP CODE: 26378. DESIGNATED AGENT: DEE SOUTHALL. ADDRESS: P.O. BOX 1300. CITY: JANE LEW. STATE: WV. ZIP CODE: 26378.

LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE, EXISTING / PRODUCING WELLHEAD, LPL: LANDING POINT LOCATION, EXISTING WATER WELL, EXISTING SPRING. REVISIONS: SURVEYED BOUNDARY, DRILLING UNIT, LEASE BOUNDARY, ASDRILLED PATH, PROPOSED PATH. DATE: 04-20-2017. DRAWN BY: N. MANO. SCALE: 1" = 2000'. DRAWING NO: WELL LOCATION PLAT.