

Latitude: 40°15'00" SURFACE HOLE 6,235'

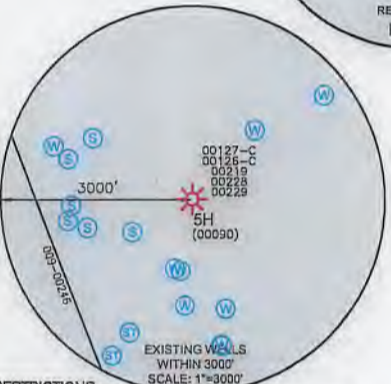
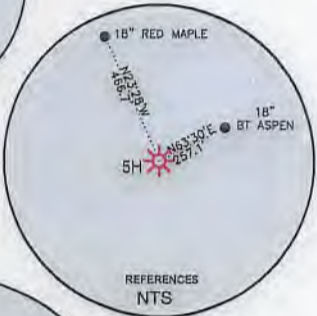
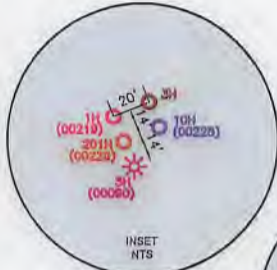
JACKSON SURVEYING INC. Latitude: 40°15'00"

P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-6851

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 19°48'29" E	2,757.04'	SHL TO LANDMARK	SIGN POST FOUND
L2	S 04°57'28" W	6,118.75'	SHL TO LANDMARK	FENCE POST FOUND
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 31°26'41" E	1213.34'	1541.68	SHL TO LPL

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,453,519.472 EASTING: 540,635.518
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,453,834.986 EASTING: 540,828.448
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,454,962.654 EASTING: 540,338.320

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



WELL RESTRICTIONS

1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD; LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

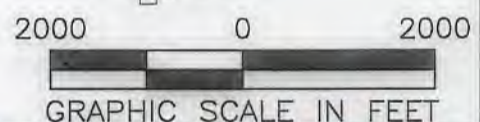
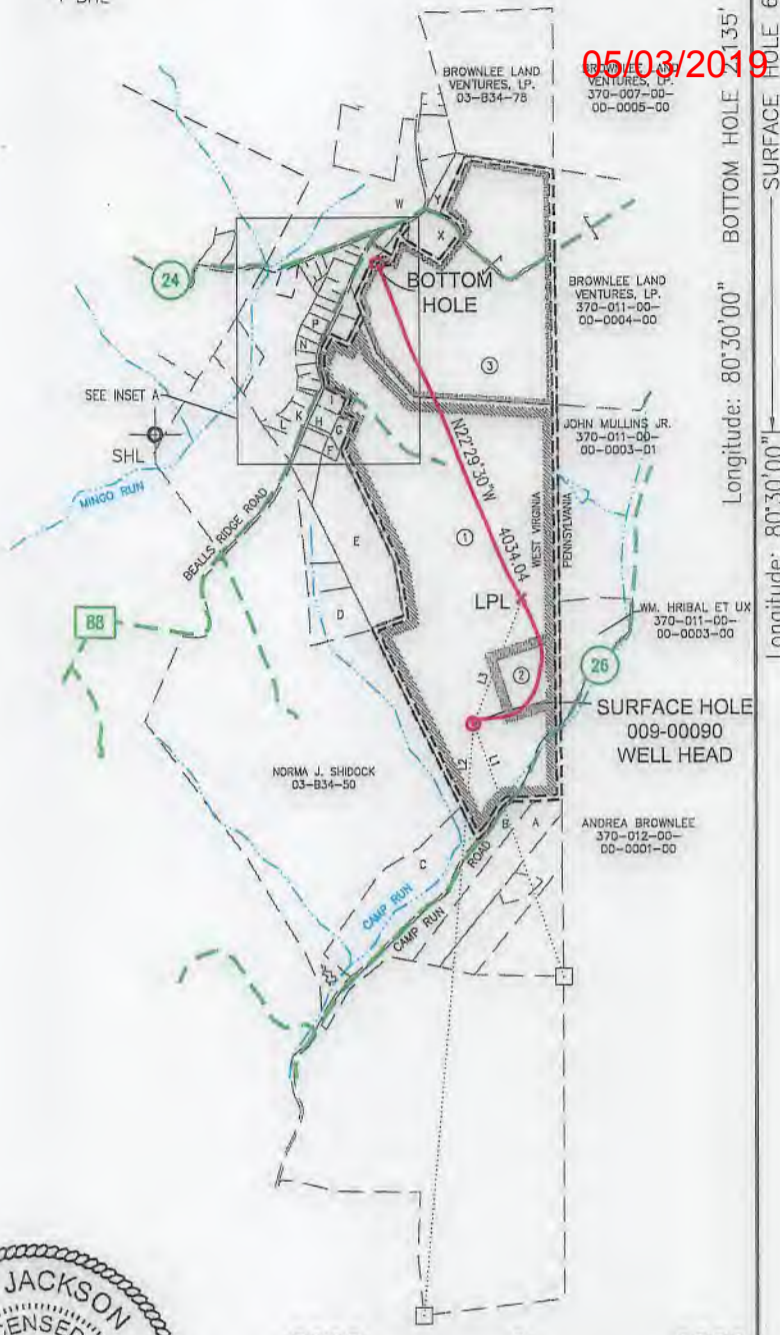
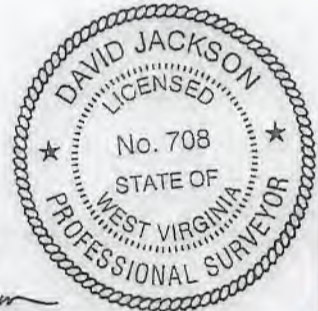
NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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

David L Jackson



COMPANY: **SWN** Production Company, LLC

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SURVEY GRADE GPS SOURCE OF ELEVATION: (NAVD 88, US FT)

MARGARET CORBIN BRK
OPERATOR'S WELL #: 5H
API WELL #: 47 009 00090
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: CAMP RUN OF BUFFALO CREEK (HUC-10) ELEVATION: 1150.1'

DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: BETHANY, WV

SURFACE OWNER: LOUIS W. HENSLER, JR. & MARGARET HENSLER ACREAGE: ±183.13

OIL & GAS ROYALTY OWNER: MARGARET H. CORBIN, WIDOW ACREAGE: ±183.13

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) RE-FRACTURE/STIMULATE

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,078' TVD 11,030' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPOINT ROAD, SUITE 200 ADDRESS: 1300 FORT PIERPOINT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:	— SURVEYED BOUNDARY	REVISIONS:	DATE: 03-22-2019
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		
⊗ EXISTING / PRODUCING WELLHEAD	== LEASE BOUNDARY		
LPL* LANDING POINT LOCATION	— ASDRILLED PATH		
⊙ EXISTING WATER WELL			DRAWN BY: N. MANO
⊙ EXISTING SPRING			SCALE: 1" = 2000'
			DRAWING NO:
			WELL LOCATING PLAT

JACKSON SURVEYING

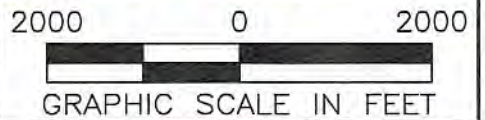
INC.

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

05/03/2019



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.231123°
LONGITUDE: -80.522336°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.249213°
LONGITUDE: -80.532125°



NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ✱ EXISTING / PRODUCING WELLHEAD
- LPL ✱ LANDING POINT LOCATION
- ▭ FLOOD PLAN
- ACCESS ROAD
- - - PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- = = = LEASE BOUNDARY
- ASDRILLED PATH

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC
ADDRESS:
1300 FORT PIERPONT ROAD, SUITE 200, MORGANTOWN, WV 26508
SURFACE OWNER:
LOUIS W. HENSLER, JR. & MARGARET HENSLER

WELL (FARM) NAME: MARGARET CORBIN BRK	WELL # 5H	SERIAL #
COUNTY - CODE BROOKE - 009	DISTRICT: BUFFALO	
USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV		