

Latitude: 40°10'00" SURFACE HOLE 6,698'

Latitude: 40°10'00" BOTTOM HOLE 5,387'

JACKSON SURVEYING INC.

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

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

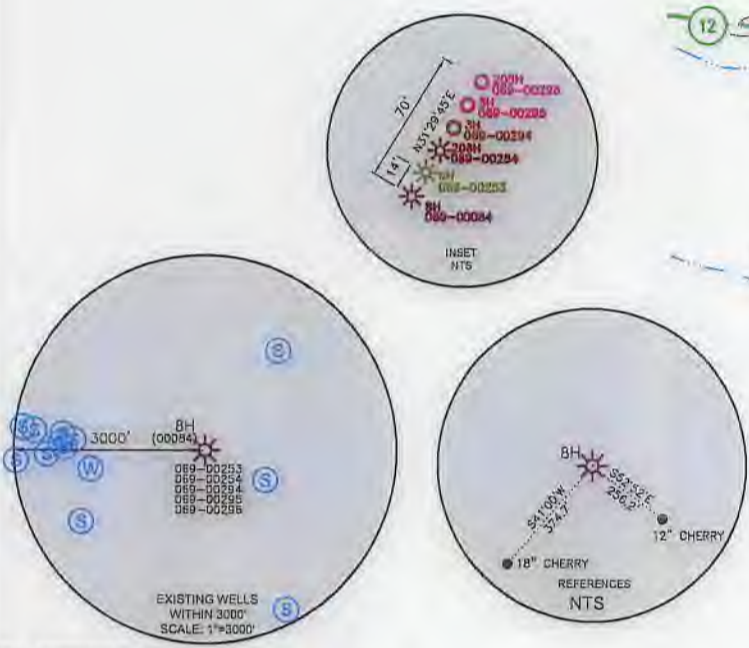
WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS
Table with 3 columns: TRACT, SURFACE OWNER (S) / ROYALTY OWNER (R), TAX PARCEL

06/07/2019

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,444,677.621
EASTING: 540,544.318

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT

Longitude: 80°30'00" SURFACE HOLE 5,536'
Longitude: 80°30'00" BOTTOM HOLE 10,619'

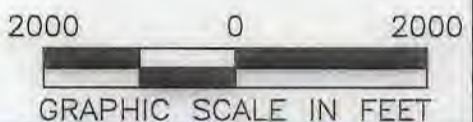
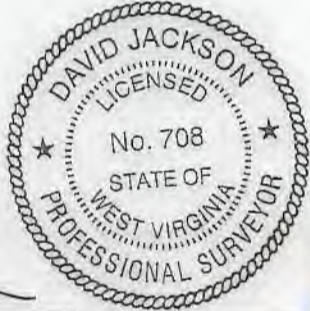


WELL RESTRICTIONS

- 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 825 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 PLAT 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 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.



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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

ROY RIGGLE OHI
OPERATOR'S WELL #: 8H
API WELL #: 47 069 00084F
STATE COUNTY PERMIT

WELL TYPE: OIL [ ] WASTE DISPOSAL [ ] PRODUCTION [X] DEEP [ ] GAS [X] LIQUID INJECTION [ ] STORAGE [ ] SHALLOW [X]
WATERSHED: CASTLEMAN RUN OF BUFFALO CREEK (HUC-10) ELEVATION: 1,251.8'
DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: BETHANY, WV-PA
SURFACE OWNER: ROY & DEBRA R. RIGGLE ACREAGE: ±171.18
OIL & GAS ROYALTY OWNER: ROY & DEBRA R. RIGGLE ACREAGE: ±171.18
DRILL [ ] DRILL DEEPER [ ] REDRILL [ ] FRACTURE OR STIMULATE [ ] PLUG OFF OLD FORMATION [ ] PERFORATE NEW FORMATION [ ]
CONVERT [ ] PLUG & ABANDON [ ] CLEAN OUT & REPLUG [ ] OTHER CHANGE [X] (SPECIFY) RE-FRACTURE/STIMULATE
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,499' TVD 11,472' TMD

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

LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE, EXISTING / PRODUCING WELLHEAD, LPL, EXISTING WATER WELL, EXISTING SPRING, SURVEYED BOUNDARY, DRILLING UNIT, LEASE BOUNDARY, ASDRILLED PATH, REVISIONS, DATE: 03-12-2019, DRAWN BY: N. MANO, SCALE: 1" = 2000', DRAWING NO., WELL LOCATION PLAT

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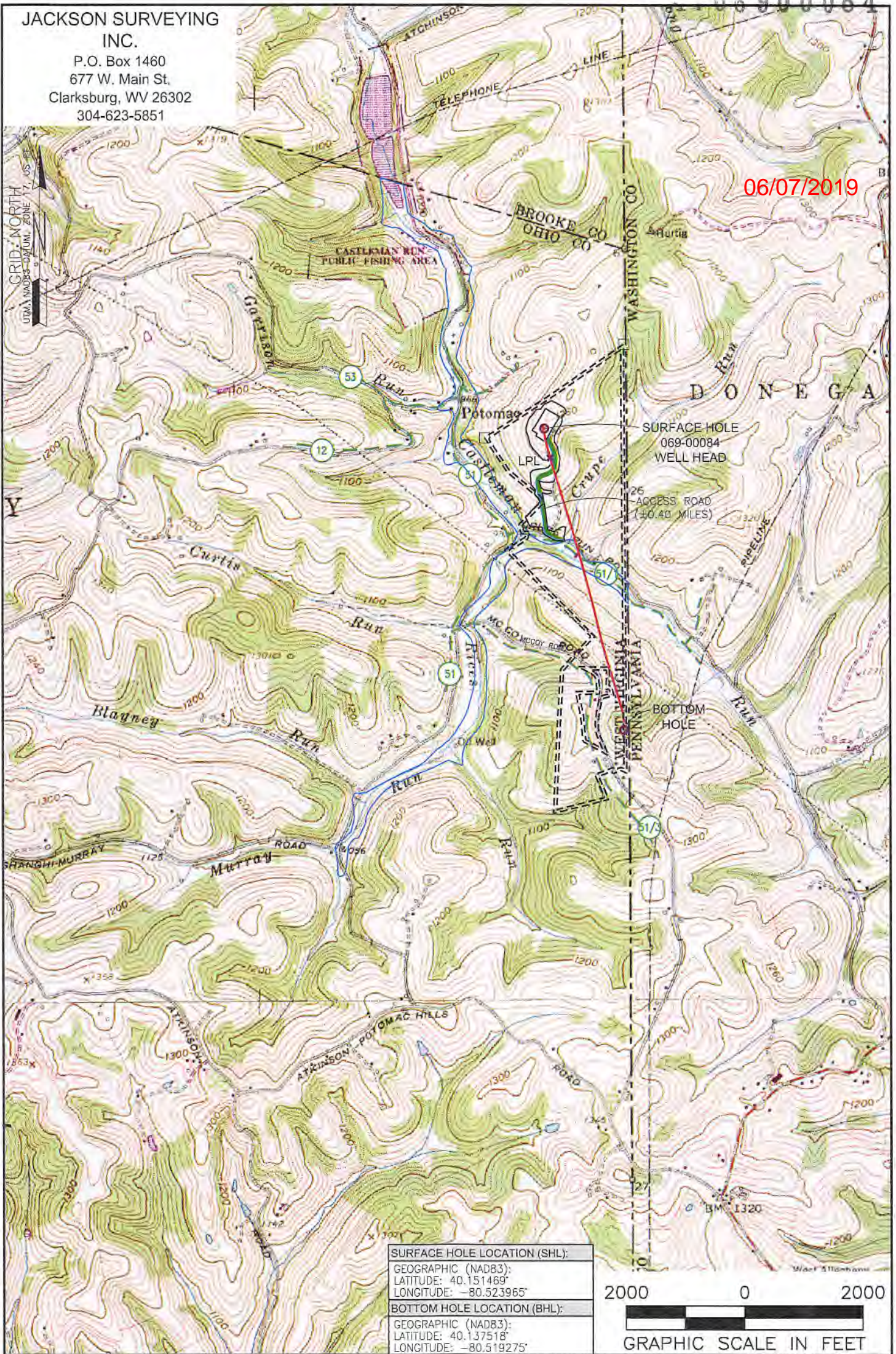
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	SHIRLEY J. SCHLEICHER	03-L6-00020-0005
B	FRED C. SCHLEICHER & S. J. SCHLEICHER	03-L6-00020-0001
C	JACK C. KNUTH JR. & A. M. KNUTH	03-L6-00020-0003
D	JAMES T. BOUNCE, SR., & PATRICIA BOUNCE	03-L6-00020-0004
E	BRITTANY E. SMITH & DUSTIN W. HUTSON	03-L9-00019-0000
F	SCOTT A. WILHELM	03-L6-00020-0007
G	WILLIAM I. RODGERS (LIFE) & WILLIAM E. RODGERS (REMAINDER)	03-L6-00017-0000
H	WILLIAM I. RODGERS (LIFE) & LEWIS IRWIN RODGERS (REMAINDER)	03-L6-00016-0000

REVISIONS:	COMPANY:				
	OPERATOR'S	ROY RIGGLE OHI	API #:	DATE: 03-12-2019	
	WELL #:	8H	069-00084	DRAWN BY: N. MANO	
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A	
	LIBERTY	OHIO	WV	DRAWING NO:	
				WELL LOCATION PLAT 2	

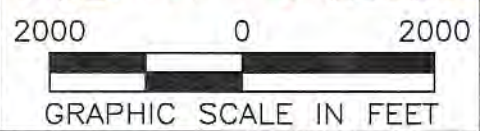
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<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.151469°
LONGITUDE: -80.523965°
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.137518°
LONGITUDE: -80.519275°



NOTES ON SURVEY

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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	WELL (FARM) NAME: ROY RIGGLE OHI	WELL # 8H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200, MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT; LIBERTY	
SURFACE OWNER: ROY & DEBRA R. RIGGLE	USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV-PA	API #: 069-00084	