

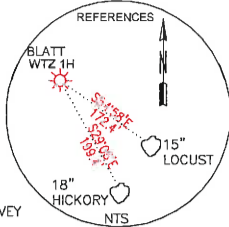
Latitude: 39°45'00" N

SURFACE HOLE 6,049'

BOTTOM HOLE 12,218'

JACKSON SURVEYING INC.

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



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 87°31'29" W	1,401.60'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	S 39°42'17" E	939.01'	SHL TO LANDMARK	FD. 1/2" REBAR
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 82°38'57" W	1233.03'	1205.55'	SHL TO LP1

NOTES ON SURVEY

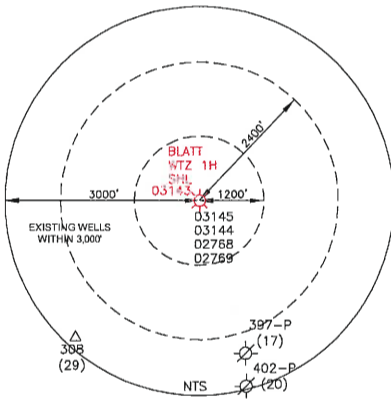
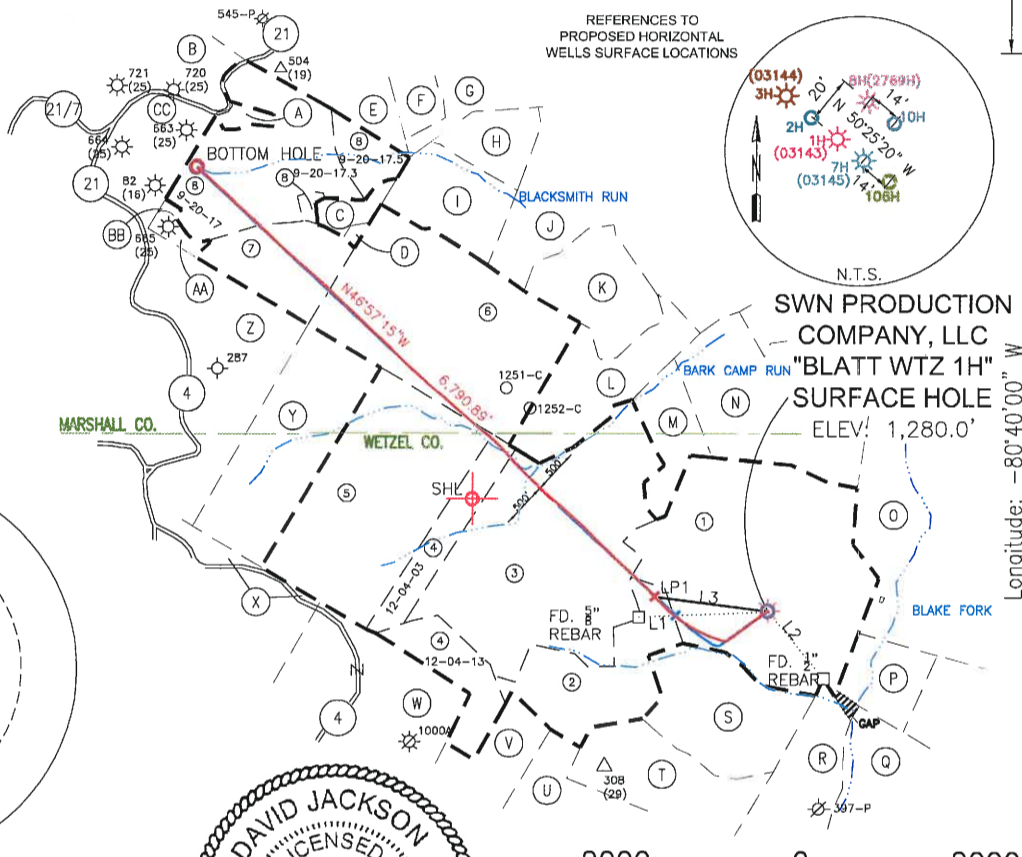
- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- ALL WELLS WITHIN 500' OF THE HORIZONTAL LEG ARE SHOWN ON THIS PLAT BASED UPON INFORMATION TAKEN FROM DEP MAPPING, WELL PLATS AND AERIAL PHOTOS.

SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,396,280.467
	EASTING: 526,727.006
"LANDING POINT" LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,396,266.831
	EASTING: 526,423.812
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,397,739.280
	EASTING: 524,839.660

TRACT	SURFACE OWNER (S)/ ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	TAMI BLATT, KEVIN L. BLATT, TRUSTEE OF THE BLATT FAMILY IRREVOCABLE TRUST, MICHAEL J. BLATT & JANICE BLATT (S/); TAMI BLATT, KEVIN L. BLATT, TRUSTEE OF THE BLATT FAMILY IRREVOCABLE TRUST, MICHAEL J. BLATT & JANICE BLATT (R)	12-04-05	108.00
2	ANTHONY C. BLATT & REBECCA F. BLATT (S/); ANTHONY C. BLATT & REBECCA F. BLATT (R)	12-04-14	37.00
3	TAMI BLATT, KEVIN L. BLATT, TRUSTEE OF THE BLATT FAMILY IRREVOCABLE TRUST, MICHAEL J. BLATT & JANICE BLATT (S/); TAMI BLATT, KEVIN L. BLATT, TRUSTEE OF THE BLATT FAMILY IRREVOCABLE TRUST, MICHAEL J. BLATT & JANICE BLATT (R)	12-04-04	106.26
4	TAMI BLATT, KEVIN L. BLATT, TRUSTEE OF THE BLATT FAMILY IRREVOCABLE TRUST, MICHAEL J. BLATT & JANICE BLATT (S/); TAMI BLATT, KEVIN L. BLATT, TRUSTEE OF THE BLATT FAMILY IRREVOCABLE TRUST, MICHAEL J. BLATT & JANICE BLATT (R)	12-04-03 12-04-13	16.83 22.14
5	PAUL FOX & CYNTHIA FOX (S/); ALBERT F. ESTEP IRREVOCABLE TRUST (R)	12-04-02	74.75
6	THOMAS JOHN FOX (S/); THOMAS JOHN FOX, CATHERINE MONTGOMERY, E. CAROL KENNEDY, THERESA HUNT (R)	9-22-10	91.21
7	STEPHEN L. MILLER (S/); STEPHEN L. MILLER (R)	9-20-17.4	24.27
8	COLETTA A. KLUG REVOCABLE LIVING TRUST (S), COLETTA A. KLUG REVOCABLE LIVING TRUST (S), DAVID P. WEIGAND (S/), COLETTA A. KLUG REVOCABLE LIVING TRUST (R)	9-20-17 9-20-17.3 9-20-17.5	53.71 1.34 9.61



SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,396,280.505
	EASTING: 526,727.033
"LANDING POINT" LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,396,328.591
	EASTING: 526,354.293
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,397,741.448
	EASTING: 524,841.619



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

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

BLATT WTZ
OPERATOR'S WELL #: 1H
API WELL #: 47 103 03143
STATE COUNTY PERMIT

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

WATERSHED: BLAKE FORK OF UPPER OHIO RIVER 2 ELEVATION: 1279.7'

DISTRICT: PROCTOR COUNTY: WETZEL QUADRANGLE: WILEYVILLE 7 1/2'

SURFACE OWNER: TAMI BLATT, KEVIN L. BLATT (TRUSTEE IRR TRUST), MICHAEL J. BLATT & JANICE BLATT ACREAGE: 108.00

OIL & GAS ROYALTY OWNER: TAMI BLATT, KEVIN L. BLATT (TRUSTEE IRR TRUST), MICHAEL J. BLATT & JANICE BLATT ACREAGE: 108.00

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: 7,068' TVD 14,500' TMD

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

LEGEND:	SURVEYED BOUNDARY	REVISIONS:	DATE:
● PROPOSED SURFACE HOLE / BOTTOM HOLE	— SURVEYED BOUNDARY		03-22-2017
☀ EXISTING / PRODUCING WELLHEAD	— DRILLING UNIT		
LPL * LANDING POINT LOCATION	== LEASE BOUNDARY		
⊕ EXISTING WATER WELL	— ASDRILLED PATH		
⊙ EXISTING SPRING	— PROPOSED PATH		
			DRAWN BY: N. MANO
			SCALE: 1" = 2000'
			DRAWING NO:
			WELL LOCATION PLAT