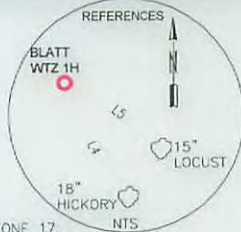


SURFACE HOLE

6,049'

Latitude: 39°45'00" N

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



LINE	DESCRIPTION	DISTANCE	DESCRIPTION
L1	N87°31'46"E	1,401.50'	FD. 5/8" REBAR TO SHL
L2	N39°42'50"W	937.97'	FD. 1/2" REBAR TO SHL
L3	S87°25'29"W	995.74'	SHL TO LP1
L4	S29°08'03"E	199.31'	SHL TO 18" HICKORY
L5	S55°00'46"E	172.42'	SHL TO 15" LOCUST

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

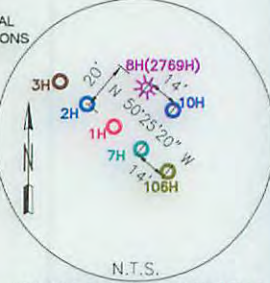
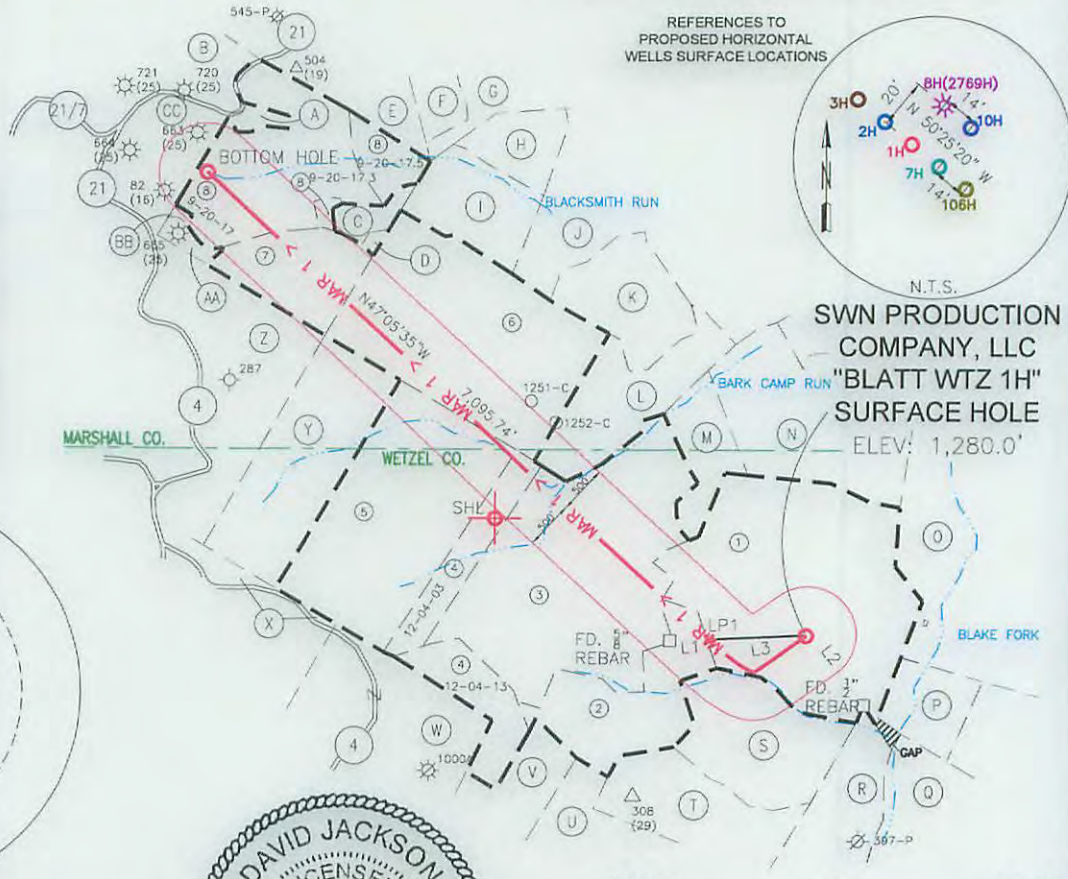
Longitude: -80°40'00" W

12,394'

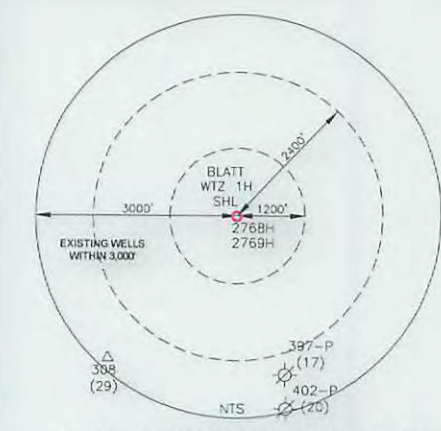
- NOTES ON SURVEY**
- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
 - SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
 - 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



SWN PRODUCTION COMPANY, LLC
"BLATT WTZ 1H"
SURFACE HOLE
 ELEV: 1,280.0'



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

BLATT WTZ
 OPERATOR'S WELL #: 1H
 API WELL #: 47 103 3143 H6A
 STATE COUNTY PERMIT

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

WATERSHED: BLAKE FORK OF UPPER OHIO RIVER 2 ELEVATION: 1280.0'

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)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,060' TVD 14,538' TMD

02/05/2016

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:	REVISIONS:	DATE: 11-12-2015
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	---	DRAWN BY: N. MANO
⊗ EXISTING / PRODUCING WELLHEAD	---	SCALE: 1" = 2000'
⊘ ABANDONED WELL	---	DRAWING NO:
⊗ PLUGGED & ABANDONED WELL	---	WELL LOCATION PLAT
△ CUT CONDUCTOR	---	

JACKSON SURVEYING
INC.

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TRACT	ADJOINING SURFACE OWNER (S)	TAX PARCEL	ACRES
A	AGNES & CATHERINE KLUG (S)	09-20-20	1.50
B	DAVID E. STINE ET UX (S)	09-20-21	3.25
C	MICHAEL A. URBANEK (S)	09-20-17.2	5.00
D	MICHAEL A. URBANEK (S)	09-20-17.1	1.00
E	DAVID PAUL WEIGAND (S)	09-20-09	48.13
F	DAVID PAUL WEIGAND (S)	09-20-12.1	41.29
G	MARY JOSEPHINE NICE (S)	09-20-13	85.50
H	DAVID PAUL WEIGAND (S)	09-20-15	16.24
I	ELEANOR T. & JAMES B. MILLER (S)	09-20-16	22.00
J	ROBERT F. VILLERS (S)	09-21-1	111.51
K	KIMBERLY C. HOFFMAN (S)	09-21-1.1	27.29
L	KIMBERLY C. HOFFMAN & PAUL G. FOX (S)	09-21-21	25.00
M	KIMBERLY C. HOFFMAN (S)	12-04-40	30.00
N	ZACHARY M. BLAIR (S)	09-21-20	84.55
O	RHODA C. & CLEO M. SIVERT (S)	12-04-06	101.30
P	RHODA C. & CLEO M. SIVERT (S)	12-04-16	16.75
Q	JAMES L. BITHELL & CHRISTOPHER P. BITHELL (S)	12-04-26	180.53
R	JOSEPH & MINNIE SHIBEN ESTATES. (S)	12-04-25	38.75
S	ANTHONY C. & REBECCA F. BLATT (S)	12-04-15	38.00
T	PAUL G. & CYNTHIA G. FOX (S)	12-04-24	50.00
U	EILEEN KLUG ET AL (S)	12-04-23	76.95
V	EILEEN KLUG ET AL (S)	12-04-22	48.00
W	PATSY L. DULANEY (S)	12-04-12	52.00
X	DELORES ZOMBOTTI (S)	12-03-11.2	4.34
Y	PAUL & CYNTHIA FOX (S)	12-04-01	56.00
Z	ROBERT WILLIAM BONNETTE ET UX (S)	09-22-08	126.53
AA	GLENDA J. MILLER (S)	09-20-18	2.75
BB	HILLARY G. MILLER (S)	09-20-19	1.00
CC	EILEEN J KLUG ET AL (S)	09-20-22	70.24

02/05/2016

REVISIONS:	COMPANY:	 	
	OPERATOR'S	BLATT WTZ	DATE: 11-12-2015
	WELL #:	1H	DRAWN BY: N. MANO
	LOCATION:	PROCTOR DISTRICT, WETZEL COUNTY, WEST VIRGINIA	SCALE: N/A
			DRAWING NO: ADJOINING OWNERS