THRASHER

THE THRASHER GROUP, INC.
600 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330
PHONE 304-624-4108

13,194 SHL
10,904 BHL
Latitude: 40°10'00"
Longitude: 80°32'30"
6,869 SHL
16,175 BHL

SWN PRODUCTION COMPANY, LLC
"SHAWN COUCH OHI 6H"
SURFACE HOLE
ELEV: 1247'

WEIDMAN RUN

NOTES ON SURVEY

1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. 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.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

TRACT	ADJOINER	PARCEL
A1	COUCH TRUST	3-L4011000010000
A2	TALLMON	3-L4011300000000
A3	GILBERT	3-L4011200003000
A4	MCGLUMPHEY	3-L4011000030000

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 30°04'12" E	34.66'	SHL TO 069-00072	EXISTING WELL HEAD
L2	N 65°37'58" E	42.13'	SHL TO 069-00105	EXISTING WELL HEAD
L3	S 75°18'55" W	1588.66'	SHL TO LANDMARK	IRF FOUND
L4	N 87°42'32" W	1705.36'	SHL TO LANDMARK	IRF FOUND
L5	S 19°23'04" W	1118.44'	SHL TO LP	LANDING POINT

SHL

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	SHAWN W. COUCH TRUST (S) GEORE W. COUCH (R)	3-L4011000000000	121.56
2	MICHAEL J. MILLER AND PENELOPE T. MILLER (S/R)	3-L4011700000000	139.51
3	KEVIN L. KIMMINS AND RHONDA L. KIMMINS (S/R)	3-L4011800000000	33.39
4	EDWARD LOUIS STUPAK AND BRENDA W. STUPAK (S/R) JAMES & HELEN LOEW (R)	3-L4011800010000	23.60
5	HERBERT P. MINCH AND CAROL A. MINCH (S/R)	3-L4012000000000	198.35
6	RICHARD J. SCHNELLE AND CALVIN W. SCHNELLE (S/R)	3-L7000500010000	4.81
7	RICHARD J. SCHNELLE AND CALVIN W. SCHNELLE (S/R)	3-L7000800000000	2.00
8	JAMES M. MILER AND LACEY A. MILLER (S/R)	3-L7000900030000	5.59
9	MILO H. CRISWELL (S) BETTY JANE MYERS (R)	3-L7000600030000	27.08
10	COREY M. SOBOTA (S/R)	3-L8002400000000	24.30
11	JOHN L. SMITH II AND JOAN MARIE SMITH A/K/A JOAN M SMITH (S/R)	3-L7004800000000	120.49

REFERENCES
069-00072
069-00105
6H
SHAWN COUCH OHI 6H
NTS

REFERENCES TO PROPOSED HORIZONTAL WELLS SURFACE LOCATIONS
069-00072
3H
205H
201H
069-00105
401H
5H
6H
10H
206H
N 64°25'04" E
56'
NTS

1"=3000'
3000'
1200'
2400'
205H
3H
201H
401H
069-00072
069-00105
206H
6H
10H
5H
069-00170

ADJOINING OWNER INFORMATION
(SEE ADJOINING OWNERS SHEET)

BOTTOM HOLE

BH TO LEASE LINE: 1,984.7'

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

2000 0 2000
GRAPHIC SCALE IN FEET

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,444,243.093
EASTING: 535,035.664
NORTHING: 4,444,243.093
EASTING: 535,035.664
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,443,800.263
EASTING: 534,961.406
NORTHING: 4,444,015.705
EASTING: 534,887.851
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,441,410.236
EASTING: 535,748.343
NORTHING: 4,441,404.421
EASTING: 535,748.998

BHL

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. 2270 Michael S. Wolf 4/28/17

MICHAEL S. WOLF
LICENSED
No. 2270
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR

COMPANY:
SWN Production Company, LLC
SWN Production Company™

(+) 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)

OPERATOR'S WELL #: SHAWN COUCH OHI 6H

API WELL #: 47 (STATE) 069 (COUNTY) 00205 (PERMIT)

WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☐ DEEP ☐ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☒
WATERSHED: WEIDMANS RUN
ELEVATION: 1247
DISTRICT: LIBERTY COUNTY: OHIO
QUADRANGLE: BETHANY
SURFACE OWNER: SHAWN W. COUCH TRUST
ACREAGE: 121.56
OIL & GAS ROYALTY OWNER: GEORGE W. COUCH
ACREAGE: 121.56
DRILL ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐
CONVERT ☐ PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐ OTHER CHANGE ☒ (SPECIFY) AS-DRILLED
TARGET FORMATION: MARCELLUS
ESTIMATED DEPTH: 6,187 TVD 15,589 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
- ABANDONED WELL
- PLUGGED & ABANDONED WELL
- CUT CONDUCTOR
- LEASE BOUNDARY
- PROPOSED DHP
- AS-DRILLED DHP
- ABANDONED PATH

REVISIONS:	DATE: 04-28-2017
	DRAWN BY: K. POTH
	SCALE: 1" = 2000'
	DRAWING NO: 050-5635
	WELL LOCATION PLAT

L:\050-5635-SHAWN COUCH WELL PLATS-SOUTHWESTERN-\SURVEY\AS-DRILLED\SHAWN COUCH OHI 6H AS-DRILLED 02-14-2017.DWG
FRIDAY APRIL 28 2017 10:21AM

PROPERTY NUMBER 2501163485
PAD ID 3001155644