

Latitude: 39°45'00" (LITTLETON) SHL 111'

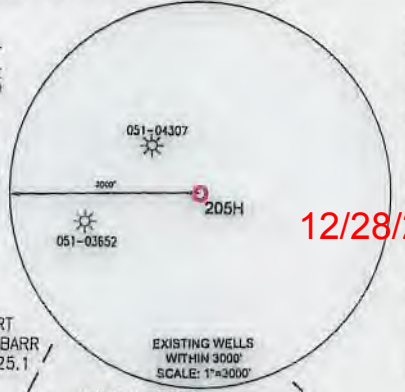
BHL 9,141'
Latitude: 39°47'30" (CAMERON)

THRASHER

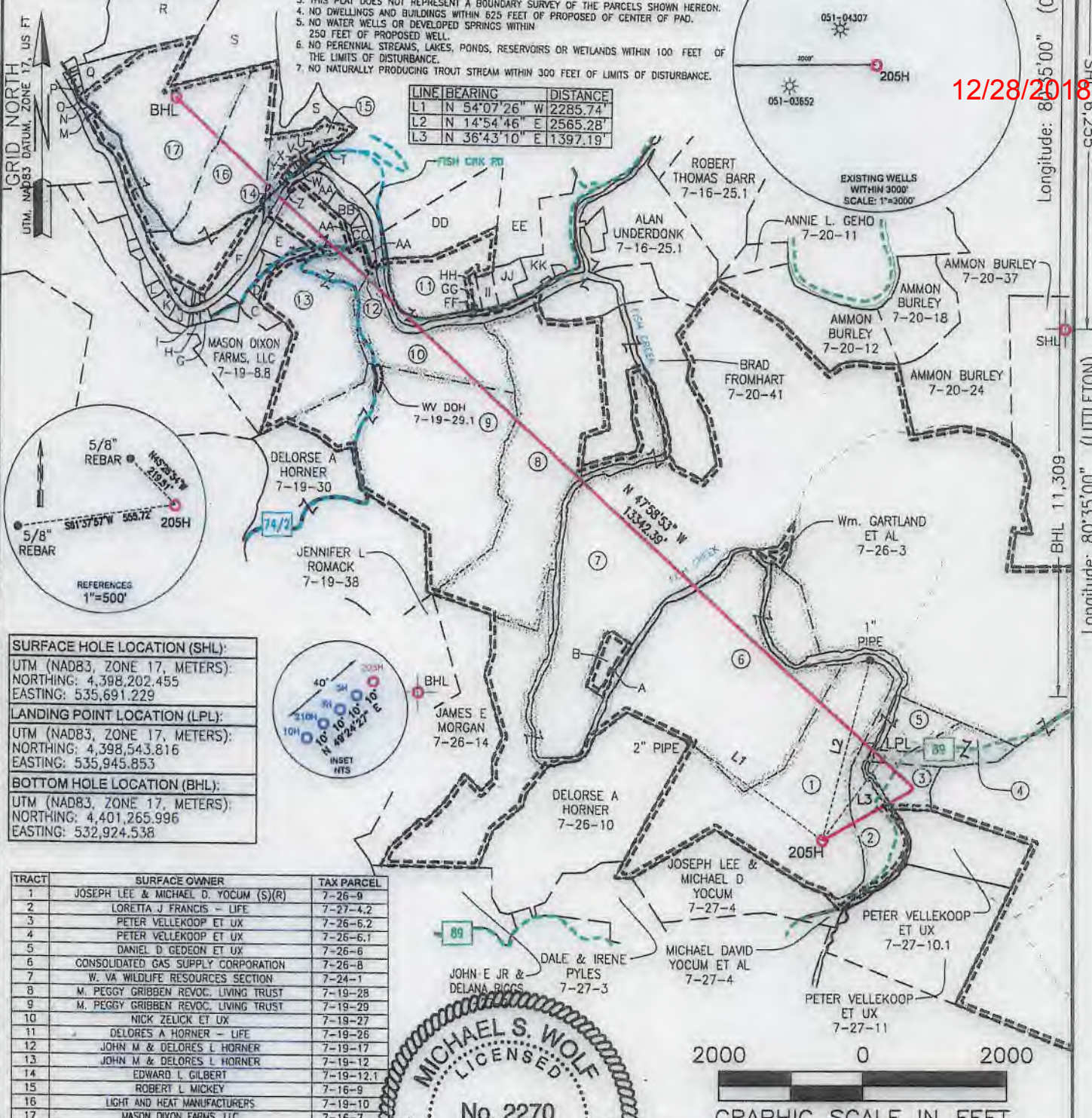
THE THRASHER GROUP, INC.
600 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330
PHONE 304-624-4108

- 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 WELL 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.

LINE	BEARING	DISTANCE
L1	N 54°07'26" W	2285.74'
L2	N 14°54'46" E	2565.28'
L3	N 36°43'10" E	1397.19'

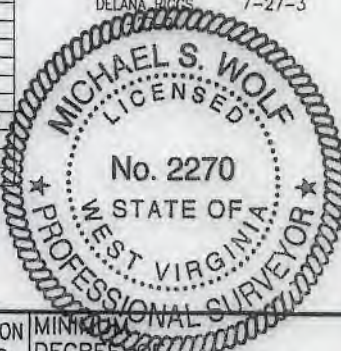


12/28/2018



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,398,202.455 EASTING: 535,691.229
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,398,543.816 EASTING: 535,945.853
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,401,265.996 EASTING: 532,924.538

TRACT	SURFACE OWNER	TAX PARCEL
1	JOSEPH LEE & MICHAEL D. YOCUM (S)(R)	7-26-9
2	LORETTA J FRANCIS - LIFE	7-27-4.2
3	PETER VELLEKOOP ET UX	7-26-6.2
4	PETER VELLEKOOP ET UX	7-26-6.1
5	DANIEL D GEDEON ET UX	7-26-6
6	CONSOLIDATED GAS SUPPLY CORPORATION	7-26-8
7	W. VA WILDLIFE RESOURCES SECTION	7-24-1
8	M. PEGGY GRIBBEN REVOC. LIVING TRUST	7-19-28
9	M. PEGGY GRIBBEN REVOC. LIVING TRUST	7-19-29
10	NICK ZELICK ET UX	7-19-27
11	DELORES A HORNER - LIFE	7-19-26
12	JOHN M & DELORES L HORNER	7-19-17
13	JOHN M & DELORES L HORNER	7-19-12
14	EDWARD L GILBERT	7-19-12.1
15	ROBERT L MICKY	7-16-9
16	LIGHT AND HEAT MANUFACTURERS	7-19-10
17	MASON DIXON FARMS, LLC	7-16-7



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 *M.S.W. 10/5/18*

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)

YOCUM MSH
OPERATOR'S WELL #: 205H
API WELL #: 47 STATE 051 COUNTY 02125 PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW
WATERSHED: FISH CREEK
DISTRICT: LIBERTY COUNTY: MARSHALL
SURFACE OWNER: JOSEPH LEE AND MICHAEL D. YOCUM
OIL & GAS ROYALTY OWNER: JOSEPH LEE AND MICHAEL D. YOCUM
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: 7,085 TVD 20,979 MD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY
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: 10-05-2018
PROPOSED SURFACE HOLE / BOTTOM HOLE	DRILLING UNIT		
EXISTING / PRODUCING WELLHEAD	LEASE BOUNDARY		
LPL: LANDING POINT LOCATION	PROPOSED PATH		
EXISTING WATER WELL			
EXISTING SPRING			
			DRAWN BY: K. POTH
			SCALE: 1" = 2000'
			DRAWING NO: 030-3170
			WELL LOCATION PLAT



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12/28/2018

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	JOHN M & LISA A BUTLER	7-26-11.1
B	HUNDRED RESOURCES INC	7-26-11
C	JERIMIAH & ANDREA MAGERS	7-19-8.1
D	DIANE LEE RINE	7-19-11
E	JERIMIAH & ANDREA MAGERS	7-19-8
F	DIANE LEE RINE	7-19-8.3
G	RODNEY J WALLACE ET UX	7-19-40
H	WALTER A GUZEK JR ET AL	7-19-41
I	LAWRENCE PAUL CHAMBERS	7-19-39
J	MICHAEL T & CARLA M WHITEMORE	7-19-8.7
K	CAROLYN RUTH FRANCIS	7-19-7
L	MASON DIXON FARMS, LLC	7-19-6
M	JERRY WHORTON ET UK	7-16-7.1
N	JERRY S & CYNTHIA C WHORTON	7-16-32
O	JERRY S & CYNTHIA C WHORTON	7-16-31
P	KAREN K CHAMPION	7-16-26.1
Q	STEPHANIE L PUNTURI	7-16-7.2
R	MASON DIXON FARMS, LLC	7-16-6
S	JACK J BRIGGS	7-16-5
T	ROBERT M SCHIFFER	7-16-19
U	ROBERT M & SANDRA L SCHIFFER	7-16-20
V	ROBERT L MICKEY	7-16-18
W	ROBERT L MICKEY	7-16-17
X	LARRY M MYER ET UX	7-16-14
Y	RICHARD H & EDWARD J KESTEL	7-16-13
Z	EDWARD JOSEPH SILCOX	7-16-10
AA	JOHN C & SONIA M RICHARDS	7-19-13
BB	JOHN C & SONIA M RICHARDS	7-19-14
CC	STEVEN D & SHERRI A ZELIC	7-19-16
DD	DELORSE A HORNER - LIFE	7-19-18
EE	DELORSE A HORNER - LIFE	7-19-26
FF	CHURCH OF CHRIST TRUSTEES	7-19-25
GG	JAMES REGIEC SR ET AL	7-19-24
HH	JAMES REGIEC SR ET AL	7-19-23.1
II	JAMES E Jr & GINGER REGIEC	7-19-23.2
JJ	JAMES F & JAMIE ANN DRUSCHEL ET AL	7-19-23
KK	GAIL CUMPSTON	7-19-20

REVISIONS:

COMPANY:		 	
OPERATOR'S		YOCUM MSH	
WELL #:		205H	
DISTRICT:	COUNTY:	STATE:	DATE: 10-05-2018
LIBERTY	MARSHALL	WV	DRAWN BY: K. POTH
			SCALE: N/A
			DRAWING NO: 030-3170
			WELL LOCATION PLAT 2