

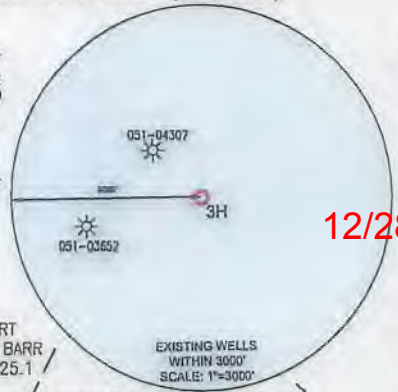
Latitude: 39°45'00" (LITTLETON) SHL 126'
 BHL 8,895'
 Latitude: 39°47'30" (CAMERON)

THRASHER

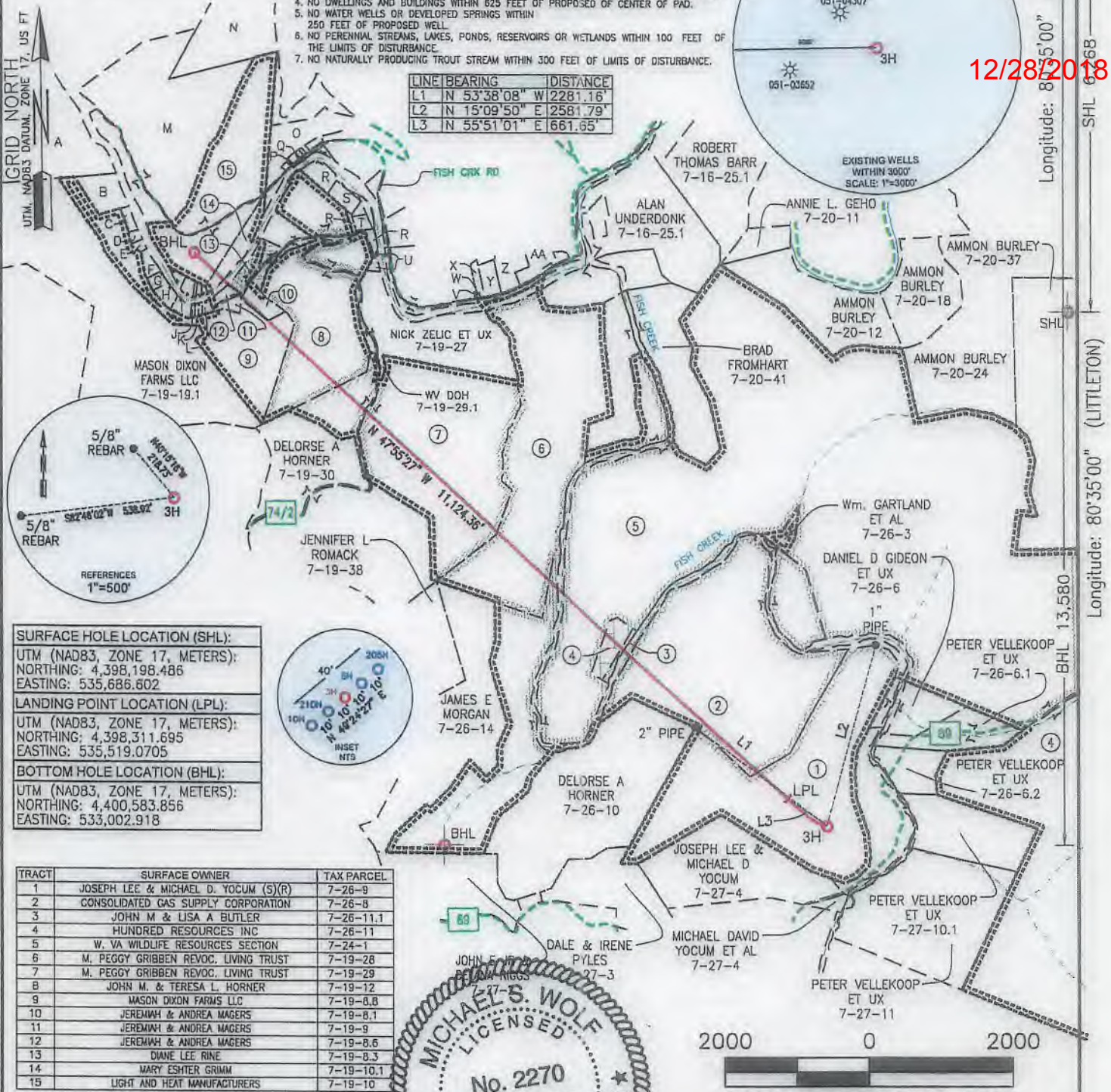
THE THRASHER GROUP, INC.
 600 WHITE OAKS BLVD.
 BRIDGEPORT, WV 26330
 PHONE 304-624-4108

- 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 OF 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 53°38'08" W	2281.16'
L2	N 15°09'50" E	2581.79'
L3	N 55°51'01" E	661.65'

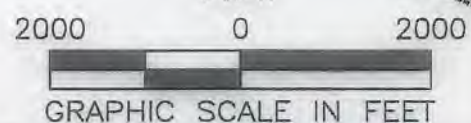
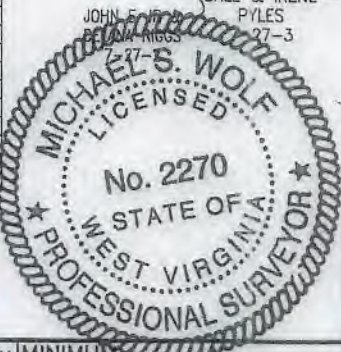


12/28/2018



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,398,198.486 EASTING: 535,686.602
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,398,311.695 EASTING: 535,519.0705
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,583.856 EASTING: 533,002.918

TRACT	SURFACE OWNER	TAX PARCEL
1	JOSEPH LEE & MICHAEL D. YOCUM (S)(R)	7-26-9
2	CONSOLIDATED GAS SUPPLY CORPORATION	7-26-8
3	JOHN M & LISA A BUTLER	7-26-11.1
4	HUNDRED RESOURCES INC	7-26-11
5	W. VA WILDLIFE RESOURCES SECTION	7-24-1
6	M. PEGGY GRIBBEN REVOC. LIVING TRUST	7-19-28
7	M. PEGGY GRIBBEN REVOC. LIVING TRUST	7-19-29
8	JOHN M. & TERESA L. HORNER	7-19-12
9	MASON DIXON FARMS LLC	7-19-8.8
10	JEREMIAH & ANDREA MAGERS	7-19-8.1
11	JEREMIAH & ANDREA MAGERS	7-19-9
12	JEREMIAH & ANDREA MAGERS	7-19-8.6
13	DIANE LEE RINE	7-19-8.3
14	MARY ESHTER GRIMM	7-19-10.1
15	LIGHT AND HEAT MANUFACTURERS	7-19-10



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. Wolf 9/28/18*

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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 83, US FT)

YOCUM MSH
 OPERATOR'S WELL #: 3H
 API WELL #: 47 STATE 051 COUNTY 02124 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: 7,069 TVD 18,535 MD

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

DESIGNATED AGENT: BRITTANY WOODY ADDRESS: P.O. BOX 1300 CITY: JANE LEW STATE: WV ZIP CODE: 26378

LEGEND:	— SURVEYED BOUNDARY	REVISIONS:	DATE: 09-28-2018
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		
⊙ EXISTING / PRODUCING WELLHEAD	----- LEASE BOUNDARY		
LPL LANDING POINT LOCATION	— PROPOSED PATH		
⊙ EXISTING WATER WELL			
⊙ EXISTING SPRING			





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12/28/2018

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MASON DIXON FARMS, LLC	7-17-33
B	MASON DIXON FARMS, LLC	7-19-8.9
C	JOSEPH D'ANDREA SR	7-19-8.2
D	TERESA LYNETTE POPECK	7-19-2
E	MICHAEL E & DONALD D RICHARDS	7-19-3
F	CAROLYN JO MORRIS	7-19-5
G	MASON DIXON FARMS, LLC	7-19-6
H	CAROLYN RUTH FRANCIS	7-19-7
I	MICHAEL T & CARLA M WHITEMORE	7-19-8.7
J	LAWRENCE PAUL CHAMBERS	7-19-39
K	WALTER A GUZEK JR ET AL	7-19-41
L	RODNEY J WALLACE ET UX	7-19-40
M	MASON DIXON FARMS, LLC	7-16-7
N	JACK J BRIGGS	7-16-5
O	ROBERT L MICKEY	7-16-9
P	RICHARD H KESTEL & EDWARD J SILCOX	7-16-12
Q	LARRY M MYER ET UX	7-16-15
R	JOHN C & SONIA M RICHARDS	7-19-13
S	JOHN C & SONIA M RICHARDS	7-19-14
T	STEVEN D & SHERRI A ZELIC	7-19-16
U	JOHN M & TERESA L HORNER	7-19-17
V	CHURCH OF CHRIST TRUSTEES	7-19-25
W	JAMES REGIEC SR ET AL	7-19-24
X	JAMES REGIEC SR ET AL	7-19-23.1
Y	JAMES E Jr & GINGER REGIEC	7-19-23.2
Z	JAMES F & JAMIE ANN DRUSCHEL ET AL	7-19-23
AA	GAIL CUMPSTON	7-19-20

REVISIONS:

COMPANY:		 	
OPERATOR'S		YOCUM MSH	
WELL #:		3H	
DISTRICT:	COUNTY:	STATE:	DATE: 09-28-2018
LIBERTY	MARSHALL	WV	DRAWN BY: K. POTH
			SCALE: N/A
			DRAWING NO: 030-3170
			WELL LOCATION PLAT 2