

THRASHER

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

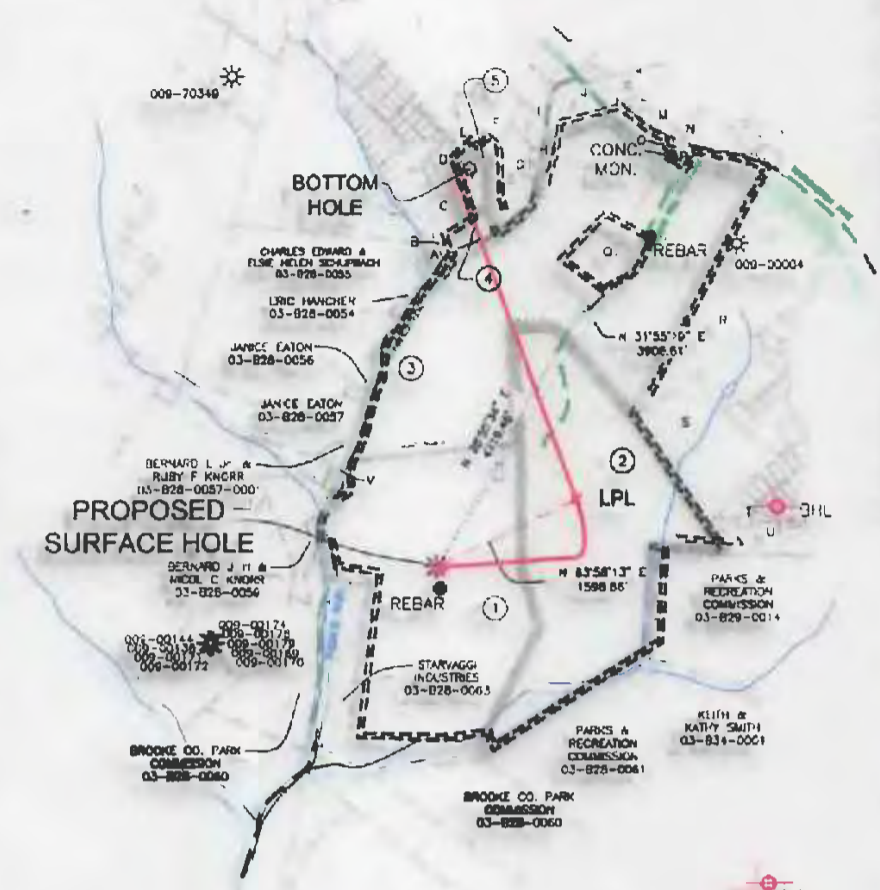
NOTES ON SURVEY

- 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 CENTER OF PAC
- 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.

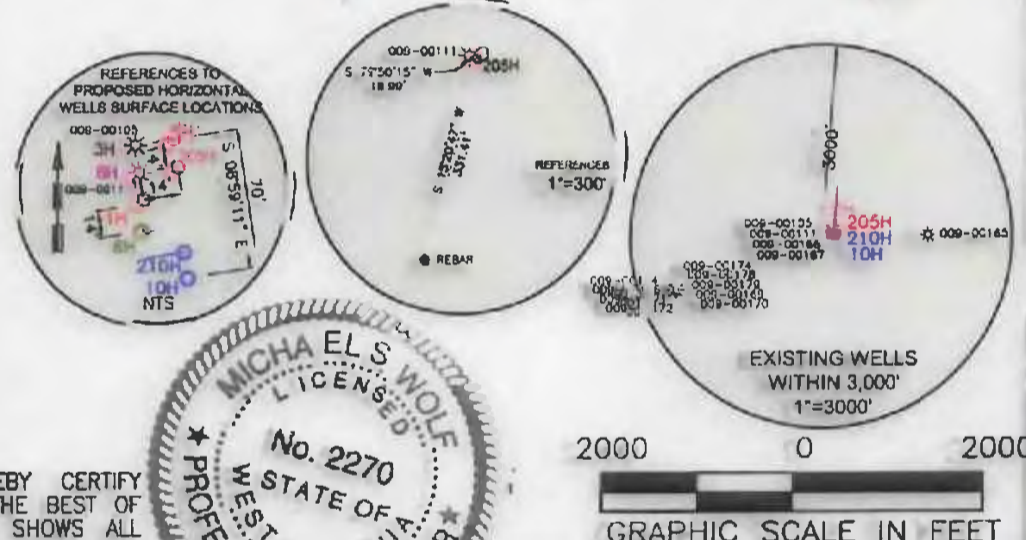
GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

TRACT	ROYALTY OWNER	TAX PARCEL	ACRES
1	RICHARD P GIST, VIRGINIA GIST ABBLITT, ANN GIST LEVIN	03-03-028-0004-0000	135.00
	SURFACE OWNER		TAX PARCEL
1	BROOKE COUNTY PARKS COMMISSION	03-03-028-0004-0000	135.00
2	PARK & RECREATION COMMISSION	03-03-028-0008-0000	135.30
3	PARK & RECREATION COMMISSION	03-03-028-0008-0000	148.00
4	ANTHONY BERSON	03-03-028-0001-0000	
	GEORGE & KATHY SMITH	03-03-028-0001-0000	0.77

BLK	ADJACENT	PARCEL
A	CONNIE & GEAR	03-028-0003-0000
B	MARY ALICE BRIDGEMAN	03-028-0003-0000
C	KURT E & HANCI CAMPBELL	03-028-0003-0000
D	KURT E & HANCI CAMPBELL	03-028-0003-0001
E	GEORGE & RAYMOND MOSEBACH	03-028-0003-0000
F	FRANKLIN CEMETERY ASSOCIATION	03-028-0003-0000
G	ELIZABETH ANN POTTER	03-028-0003-0000
H	ELIZABETH ANN POTTER	03-028-0003-0000
I	JAMES MACDONALD	03-028-0003-0000
J	FRANKLIN CEMETERY ASSOC TRUSTEES	03-028-0003-0000
K	FRANKLIN METHODIST CHURCH	03-028-0003-0000
L	HARRY E SANFORD & CHRISTIAN I KELLY	03-028-0003-0000
M	FLOYD & ROSAMUND E BISHOP	03-028-0003-0000
N	WILLIAM ROBERT & ANN STEPHAN	03-028-0003-0000
O	MARY H HERVEY DECARING	03-028-0003-0000
P	THE BROOKE COUNTY COMMISSION	03-028-0003-0000
Q	BROOKE COUNTY PARKS COMMISSION	03-028-0003-0000
R	POTTER WAR W ELOISE PAUL SALVE POHNY POTTER	03-028-0003-0000
S	JOHN CARROLL RICHMOND	03-028-0003-0000
T	GEORGE & RAYMOND MOSEBACH	03-028-0003-0000
U	GEORGE & RAYMOND MOSEBACH	03-028-0003-0000
V	RUBY FAYE & EDWARD JOHN KNORR	03-028-0003-0000



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS) NORTHING: 4,456,775.147 EASTING: 538,451.896
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS) NORTHING: 4,456,983.219 EASTING: 538,889.112
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS) NORTHING: 4,457,997.321 EASTING: 538,511.332



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.



COMPANY:
SWN SWN
Production Company, LLC Production Company™

P.S. 2270 *[Signature]*

(+) 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)

BROOKE COUNTY PARKS BRK

OPERATOR'S WELL #: 205H

API WELL #: 47 009 00 205 HGA

STATE COUNTY PERMIT

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

WATERSHED: BUFFALO CREEK ELEVATION: 1206'

DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: STEUBENVILLE EAST & BETHANY

SURFACE OWNER: BROOKE COUNTY PARKS COMMISSION ACREAGE: ±135.00

OIL & GAS ROYALTY OWNER: RICHARD P. GIST, VIRGINIA GIST ABBLITT, ANN GIST LEVIN. ACREAGE: ±618.31

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: 5,958' TMD 10,063' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: DEE SOUTHWALL

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

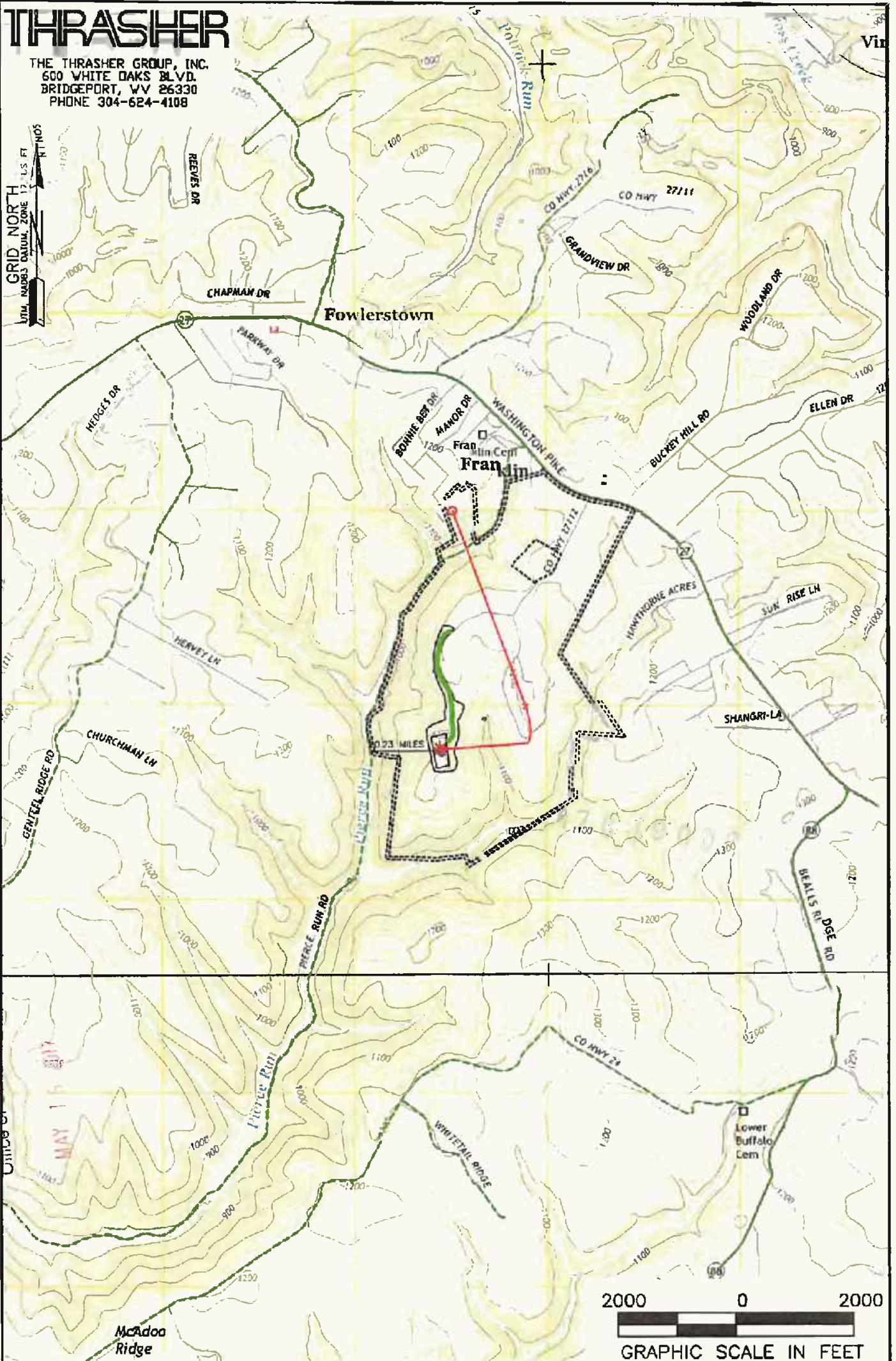
LEGEND:	○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— SURVEYED BOUNDARY
✱ EXISTING / PRODUCING WELLHEAD	— DRILLING UNIT	— LEASE BOUNDARY
LPL LANDING POINT LOCATION	— PROPOSED PATH	
✱ EXISTING WATER WELL		
✱ EXISTING SPRING		

REVISIONS:	DATE: 5-09-2017
	SHEET 1 OF 2
	DRAWN BY: K POTH
	SCALE: 1" = 2000'
	DRAWING NO: 050-5525
	WELL LOCATION PLAT

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600 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330
PHONE 304-624-4108

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, U.S. FT
NT NOS



Received
Office of Oil & Gas

NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC

ADDRESS:
P.O. BOX 1300 JANE LEW, WV 26378

SURFACE OWNER:
WILLIAM D & SHIRLEY E RITCHEA

WELL (FARM) NAME:
BROOKE COUNTY PARKS BRK

COUNTY - CODE
OHIO - 103

USGS 7 1/2 QUADRANGLE MAP NAME
WILEYVILLE, WV

WELL #
205H

SERIAL #
XXXX

DISTRICT:
BUFFALO

00122/2017