

Latitude: 40°10'00"

SURFACE HOLE 8,263'

Latitude: 40°10'00"

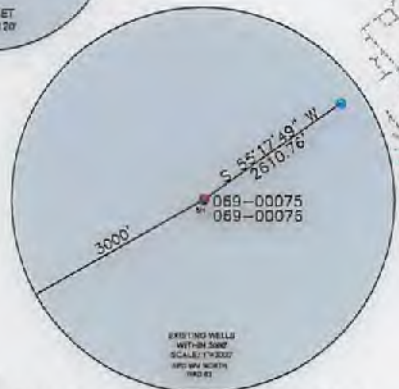
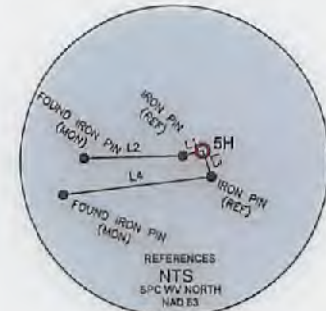
BOTTOM HOLE 10,344'

ELK LAKE SERVICES, LLC

280 Indian Springs Road,
Suite 123 Indiana, PA 15701
Phone: (724) 463-7303

LINE	BEARING	DISTANCE
L1	S 75°43'27" W	213.08
L2	S 89°49'16" W	1030.00
L3	S 17°46'37" E	284.48
L4	S 65°18'07" W	1355.78

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,628.35 EASTING: 532,979.57
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,809.95 EASTING: 533,097.77
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,177.73 EASTING: 532,333.84



WELL RESTRICTIONS

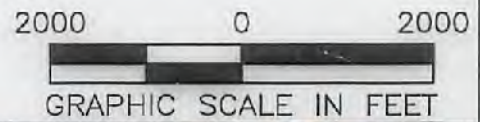
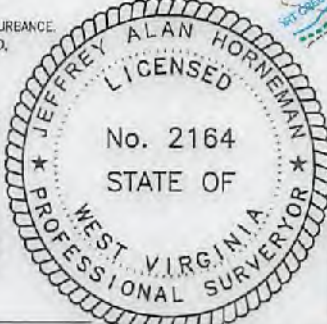
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 2,611 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS ARE WITHIN THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

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.

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. 2164



COMPANY: **SWN** Production Company, LLC

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	DALLAS HALL OHI		
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #:	5H	
		API WELL #:	47	69	00273
			STATE	COUNTY	PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1274.9'

DISTRICT: LIBERTY COUNTY: OHIO COUNTY QUADRANGLE: BETHANY

SURFACE OWNER: HALL AGNES L ACREAGE: ±162.58

OIL & GAS ROYALTY OWNER: HALL AGNES L ACREAGE: ±162.58

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: 6,148' TVD 14,703' TMD

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:	— SURVEYED BOUNDARY	REVISIONS:	DATE: 01-25-2018
⊙ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		FILE NO: 17-033
⊙ EXISTING / PRODUCING WELLHEAD	— LEASE BOUNDARY		DRAWN BY: N. LASSAK
LPL* LANDING POINT LOCATION	— PROPOSED PATH		SCALE: 1" = 2000'
⊙ EXISTING WATER WELL			DRAWING NO: 1
⊙ EXISTING SPRING			WELL LOCATION PLAT 1

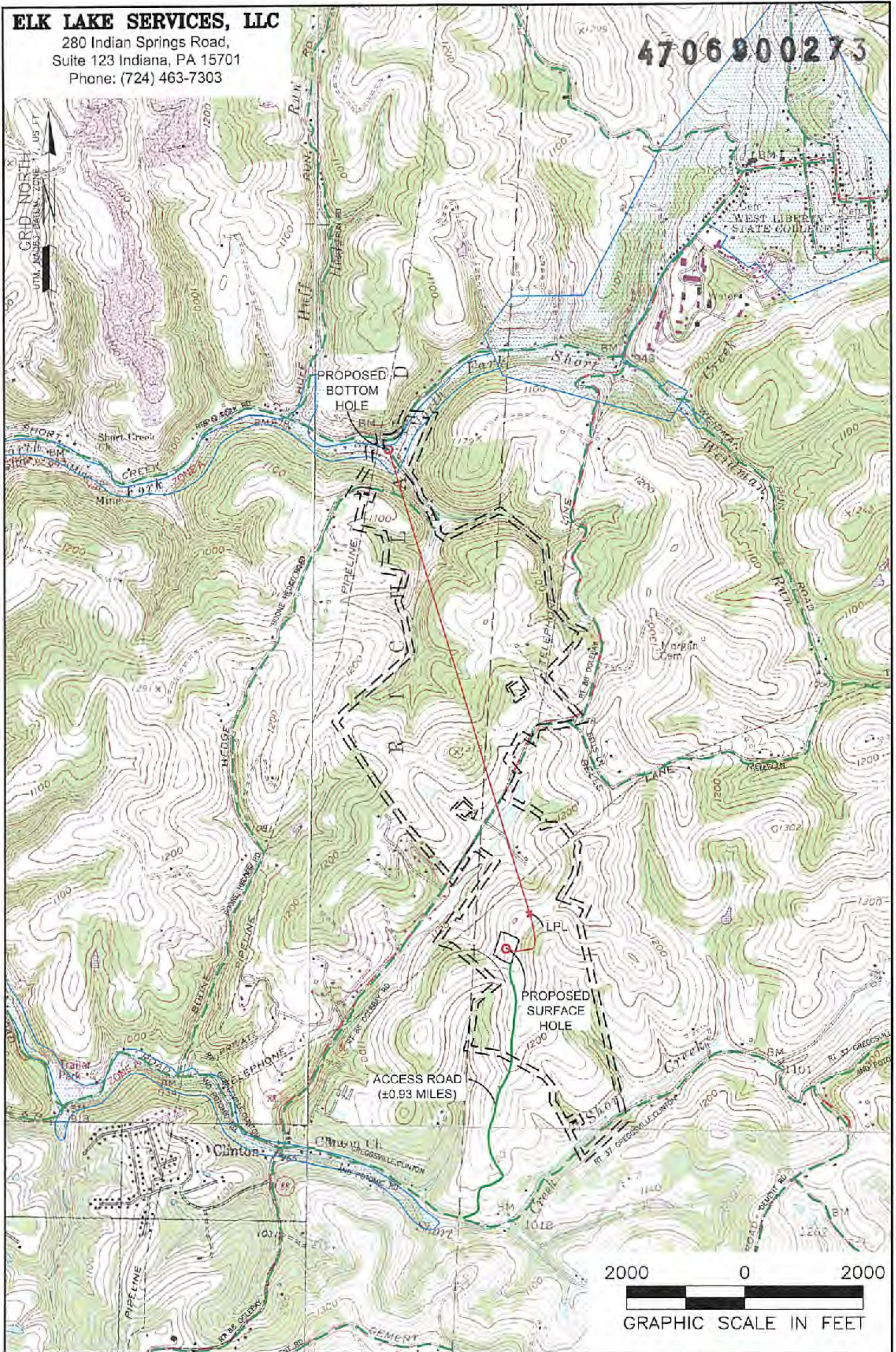
Longitude: 80°35'00" — SURFACE HOLE 12,143'

Longitude: 80°35'00" — BOTTOM HOLE 3,766'

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Suite 123 Indiana, PA 15701
Phone: (724) 463-7303

4706900273



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RECEIVED
Office of Oil and Gas

LEGEND:
 ○ PROPOSED SURFACE HOLE / BOTTOM HOLE
 ☼ EXISTING / PRODUCING WELLHEAD
 LPLx LANDING POINT LOCATION
 FLOOD PLAN
 ACCESS ROAD
 PUBLIC ROAD
 ACCESS ROAD TO PREV. SITE
 LEASE BOUNDARY
 PROPOSED PATH

06/08/2018

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC
 ADDRESS:
P.O. BOX 1300 JANE LEW, WV 26378
 SURFACE OWNER:
HALL AGNES L

JAN 30 2018
 WV Department of
Environmental Protection

WELL (FARM) NAME: DALLAS HALL OHI	WELL # 5H	SERIAL # XXXX
COUNTY OHIO COUNTY - 69	DISTRICT: LIBERTY	
USGS 7 1/2 QUADRANGLE MAP NAME BETHANY		