

Latitude: 40°05'00" SURFACE HOLE 72'

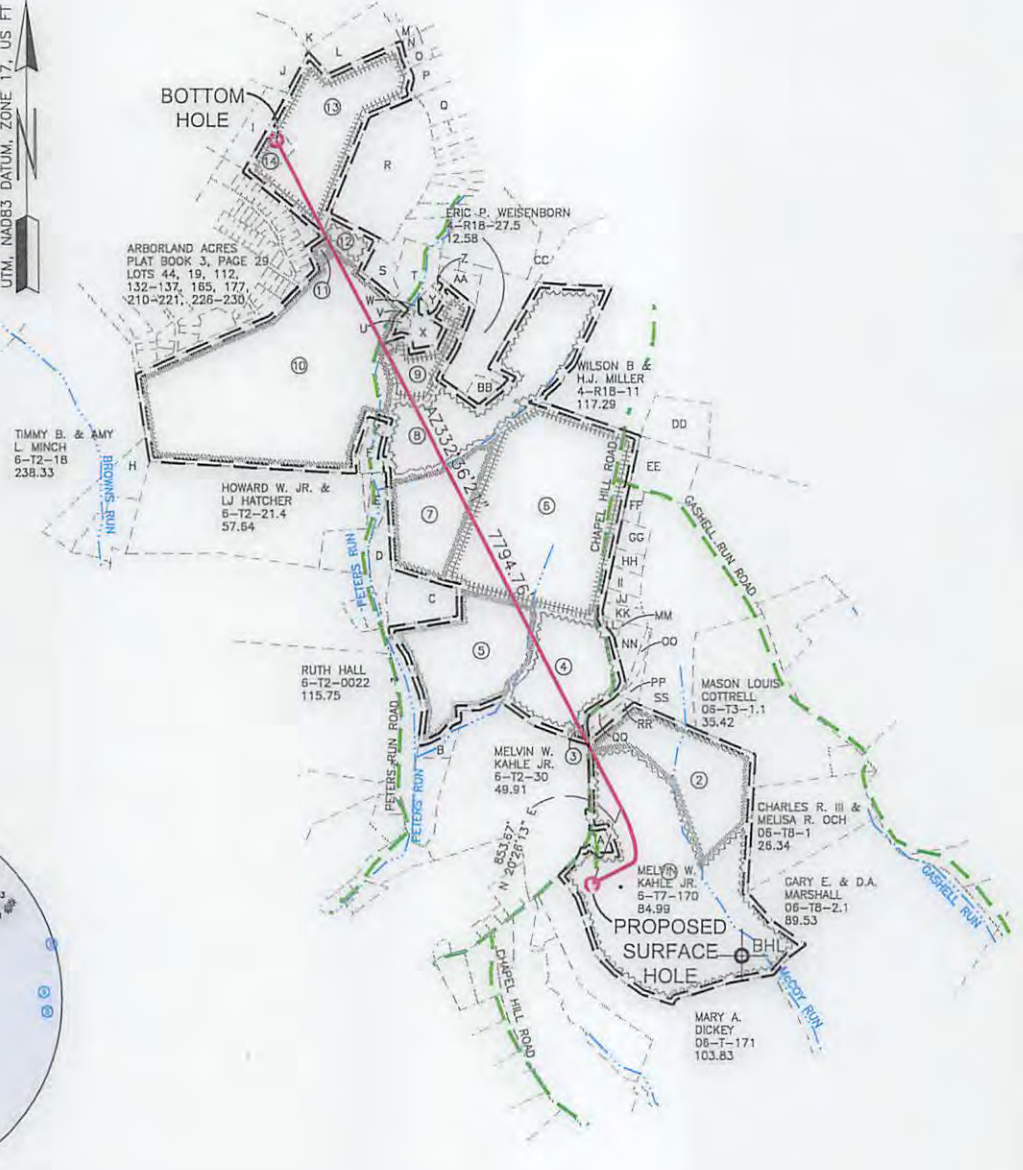
Latitude: 40°07'30" BOTTOM HOLE | BOTTOM HOLE 3,457'

ELK LAKE SERVICES, LLC

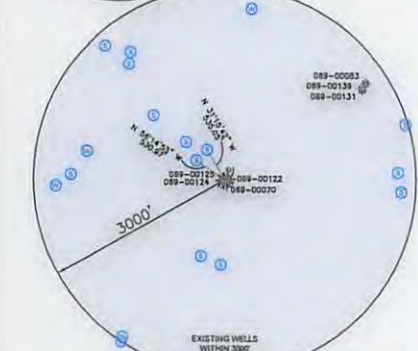
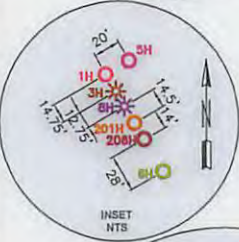
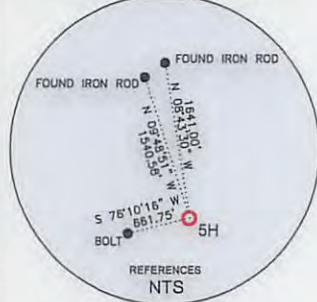
280 Indian Springs Road,
Suite 123 Indiana, PA 15701
Phone: (724) 463-7303

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,435,807.73 EASTING: 531,954.28
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,052.95 EASTING: 532,041.03
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,438,143.06 EASTING: 530,913.10

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



SHL
BOTTOM HOLE 11,656'
Longitude: 80°37'30"
SURFACE HOLE 4,155'



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 531 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.
4. 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** **SWN** Production Company, LLC Production Company™

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: MELVIN KAHLE OHI OPERATOR'S WELL #: 5H API WELL #: 47 STATE 69 COUNTY 00220 PERMIT
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WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>
WATERSHED: UPPER OHIO SOUTH ELEVATION: 1276'
DISTRICT: TRIADELPHIA COUNTY: OHIO COUNTY QUADRANGLE: WHEELING, WV
SURFACE OWNER: MELVIN W. AND CAROL M. KAHLE ACREAGE: ±84.99
OIL & GAS ROYALTY OWNER: MELVIN W. AND CAROL M. KAHLE ACREAGE: ±84.99
DRILL <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/>
CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,323' TVD 14,532' TMD

05/12/2017

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: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL: * LANDING POINT LOCATION ⊙ EXISTING WATER WELL ⊕ EXISTING SPRING	— SURVEYED BOUNDARY — DRILLING UNIT - - - - LEASE BOUNDARY — PROPOSED PATH	REVISIONS: LEASE LINES MADE DARKER AND MORE VISIBLE SHL & BHL TICK MARKS WERE CORRECTED USING CORRECT TOPO LAT. AND LONG.	DATE: 1-31-2016 FILE NO: 16-51 DRAWN BY: H. JOHN SCALE: 1" = 2000' DRAWING NO: 1 WELL LOCATION PLAT 1
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ELK LAKE SERVICES, LLC

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



Received
Office of Oil & Gas
MAY 01 2017

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 4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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

05/12/2017

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC
ADDRESS:
P.O. BOX 1300 JANE LEW, WV 26378
SURFACE OWNER:
MELVIN W. AND CAROL M. KAHLE

WELL (FARM) NAME: MELVIN KAHLE OHI	WELL # 5H	SERIAL # XXXX
COUNTY OHIO COUNTY - 69	DISTRICT: TRIADELPHIA	
USGS 7 1/2 QUADRANGLE MAP NAME WHEELING, WV		