

Latitude: 39°47'30" SURFACE HOLE 8896'

Latitude: 39°45'00" BOTTOM HOLE

4181'

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: 4,400,580.96
EASTING: 532,983.15

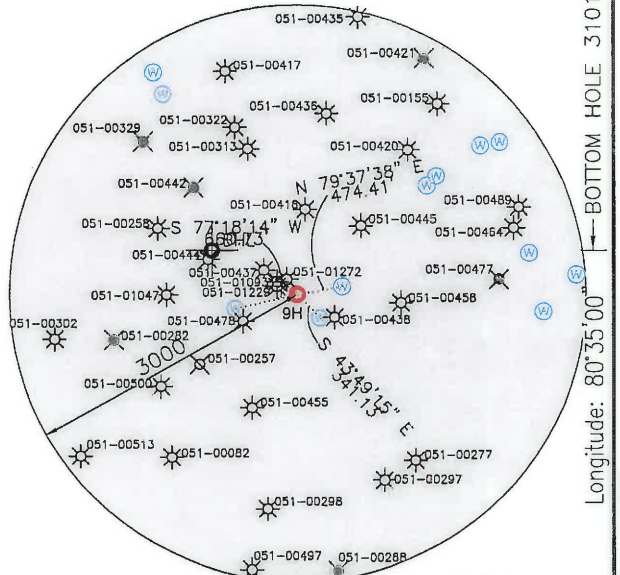
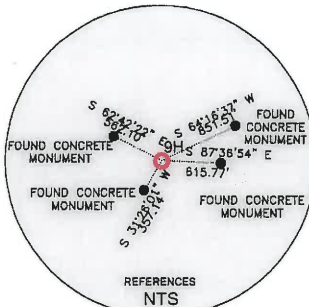
LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,400,410.34
EASTING: 533,019.79

BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,399,143.90
EASTING: 534,426.38

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



Longitude: 80°35'00"

| TRACT | SURFACE OWNER (S) / ROYALTY OWNER (R) | TAX PARCEL | ACRES |
|-------|--|------------|------------|
| 1 | COLUMBIA GAS TRANSMISSION, LLC (S) WILMA M GATTEN, F/K/A WILMA G KESTNER, A WIDOW (R) | 7-19-10 | 55.150000 |
| 2 | CAROLYN RUTH FRANCIS | 07-19-7 | 2.400000 |
| 3 | CAROLYN JO MORRIS | 07-19-6 | 1.304900 |
| 4 | MICHAEL T. WHITMORE & CARLA M. ALLEY | 07-19-8,7 | 2.409000 |
| 5 | CAROLYN RUTH FRANCIS | 07-19-39 | 0.575000 |
| 6 | CAROLYN RUTH FRANCIS | 07-19-41 | 1.544500 |
| 7 | CAROLYN RUTH FRANCIS | 07-19-40 | 0.913400 |
| 8 | CAROLYN RUTH FRANCIS | 07-19-9 | 1.000000 |
| 9 | MASON DIXON FARMS, LLC | 07-19-8,8 | 60.000000 |
| 10 | JOHN M. AND TERESA L. HORNER, HIS WIFE | 07-19-12 | 75.050000 |
| 11 | PEGGY M. GRIBBEN | 07-19-29 | 115.490000 |
| 12 | REVOCABLE LIVING TRUST OF M. PEGGY GRIBBEN | 07-19-28 | 112.160000 |

| TRACT | SURFACE OWNER | TAX PARCEL | ACRES |
|-------|-----------------------------------|------------|------------|
| A | MASON DIXON FARMS, LLC | 7-16-7 | 64.7300 |
| B | JOHN DEAN BRIGGS, ET UX | 7-16-4 | 81.2500 |
| C | TAMARA L. CHELETTE | 7-16-9 | 11.2000 |
| D | EDWARD L. GILBERT | 7-19-12,1 | 1.0000 |
| E | MARY ESTHER GRIMM, LIFE ESTATE | 7-19-10,1 | 4.6334 |
| F | THOMAS A. & KAREN S. BUKOSKY | 7-19-8,6 | 0.8509 |
| G | DIANE LEE RINE | 7-19-8,3 | 1.8183 |
| H | JEREMIAH & ANDREA MAGERS | 7-19-8,1 | 3.0000 |
| I | DIANE LEE RINE | 7-19-11 | 1.7800 |
| J | JEREMIAH & ANDREA MAGERS | 7-19-8 | 3.5700 |
| K | JOHN C. & SONIA M. RICHARDS | 7-19-13 | 6.4600 |
| L | JOHN C. & SONIA M. RICHARDS | 7-19-14 | 1.8700 |
| M | STEVEN D. & SHERRI A. ZELIC | 7-19-16 | 1.0000 |
| N | JOHN M. & TERESA L. HORNER | 7-19-17 | 1.0300 |
| O | NICK ZELIC, ET UX | 7-19-27 | 36.0000 |
| P | WVA DEPT OF HIGHWAYS | 7-19-29,1 | 0.3610 |
| Q | CHURCH OF CHRIST, TRUSTEES | 7-19-25 | 0.2500 |
| R | JAMES E. REGIEC SR., ET AL | 7-19-24 | 0.0800 |
| S | JAMES E. REGIEC SR., ET AL | 7-19-23,1 | 1.1700 |
| T | JAMES E. JR. & GINGER E. REGIEC | 7-19-23,2 | 2.3900 |
| U | JAMES F. & JAMIE ANN DRUSCHEL | 7-19-23 | 4.4200 |
| V | GAIL CLUMPTON | 7-19-20 | 14.7300 |
| W | ROBERT THOMAS BARR | 7-16-25,1 | 75.7900 |
| X | BRAD FROMHART, ET UX, LIFE ESTATE | 7-20-41 | 57.0000 |
| Y | W VA WILDLIFE RESOURCES | 7-24-1 | 1842.2800 |
| Z | JAMES E. MORGAN, LIFE ESTATE | 7-26-14 | 73.6800 |
| AA | JENNIFER L. & VICTOR A. ROMACK | 7-19-38 | 49.8100 |
| AB | DELROSE A. HORNER, LIFE ESTATE | 7-19-30 | 119.835000 |
| AC | MASON DIXON FARMS, LLC | 7-19-1 | 160.487 |
| AD | MASON DIXON FARMS, LLC | 7-19-33 | 217.0800 |
| AE | MASON DIXON FARMS, LLC | 7-19-8,9 | 6.0700 |
| AF | MICHAEL E. & DONNA D. RICHARDS | 7-19-8,2 | 1.0000 |
| AG | TERESA LYNETTE POPECK | 7-19-2 | 0.5500 |
| AH | MICHAEL E. & DONNA D. RICHARDS | 7-19-3 | 0.5100 |
| AI | CAROLYN JO MORRIS | 7-19-5 | 1.3200 |
| AJ | JACK J. BRIGGS | 7-16-5 | 37.8800 |

WELL RESTRICTIONS

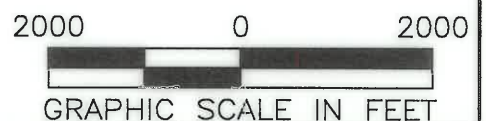
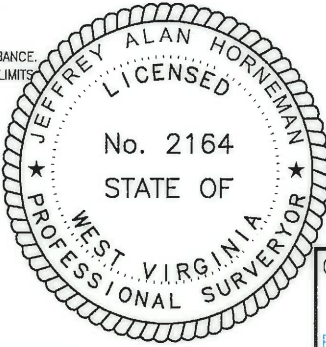
- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 341 FEET OF PROPOSED WELL.
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS ARE WITHIN THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- 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

- 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.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- 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
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)

COLUMBIA GAS TRANSMISSION UD MSH
OPERATOR'S WELL #: 9H
API WELL #: 47 51 01942
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 783.8'

DISTRICT: LIBERTY COUNTY: MARSHALL COUNTY QUADRANGLE: CAMERON, WV

SURFACE OWNER: COLUMBIA GAS TRANSMISSION, LLC ACREAGE: ±55.150000

OIL & GAS ROYALTY OWNER: WILMA M GATTEN, F/K/A WILMA G KESTNER, A WIDOW ACREAGE: ±55.150000

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

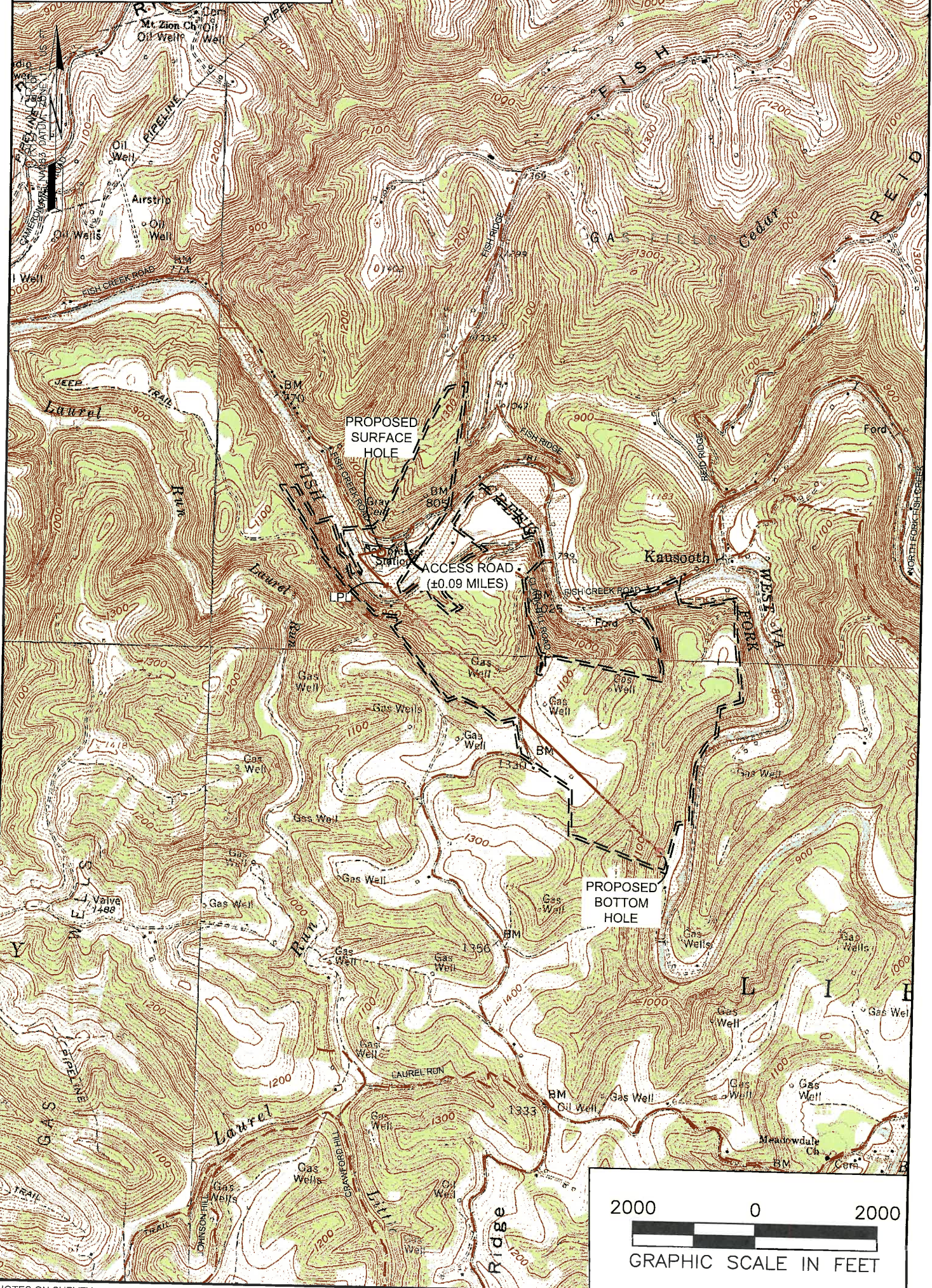
TARGET FORMATION: UPPER DEVONIAN ESTIMATED DEPTH: 6,530' 09/01/2017

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: | REVISIONS: | DATE: |
|---------------------------------------|-----------------------|----------------------|
| ○ PROPOSED SURFACE HOLE / BOTTOM HOLE | — SURVEYED BOUNDARY | 06-13-2017 |
| ⊙ EXISTING / PRODUCING WELLHEAD | — DRILLING UNIT | FILE NO: 16-54 |
| ⊗ ABANDONED WELL | ==== LEASE BOUNDARY | DRAWN BY: A. BLACK |
| ⊕ PLUGGED & ABANDONED WELL | — PROPOSED PATH | SCALE: 1" = 2000' |
| LPL LANDING POINT LOCATION | ⊙ EXISTING WATER WELL | DRAWING NO: 1 |
| | ⊙ EXISTING SPRING | WELL LOCATION PLAT 1 |

ELK LAKE SERVICES, LLC

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



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.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

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

09/01/2017

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC
ADDRESS:
P.O. BOX 1300 JANE LEW, WV 26378
SURFACE OWNER:
COLUMBIA GAS TRANSMISSION, LLC

| | | |
|--|-----------------------------|-------------------------|
| WELL (FARM) NAME: COLUMBIA GAS TRANSMISSION UD MSH | WELL # 9H | SERIAL # XXXX |
| COUNTY MARSHALL COUNTY - 51 | DISTRICT: LIBERTY | |
| USGS 7 1/2 QUADRANGLE MAP NAME CAMERON, WV | | |