

**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: 4,435,790.02  
EASTING: 531,957.94

**LANDING POINT (LPL):**  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,435,294.67  
EASTING: 531,646.96

**BOTTOM HOLE LOCATION (BHL):**  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,434,162.63  
EASTING: 532,015.72

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

| TRACT | SURFACE OWNER(S) / ROYALTY OWNER(S)                     | TAX PARCEL        | ACRES        |
|-------|---|-------------------|--------------|
| 1     | MELVIN W. KAHLE, JR AND CAROL M. KAHLE (S/R)            | 6-17-170          | 84.99        |
|       | <b>SURFACE OWNER</b>                                    | <b>TAX PARCEL</b> | <b>ACRES</b> |
| 2     | THOMAS O. DICKEY, JR; SUE ELLEN BAILES; DAVID A. DICKEY | 6-17-171          | 99.95        |
| 3     | ROBERT T. SELAK AND TAMMY L. SELAK                      | 6-17-172.13       | 1.078        |
| 4     | BRIAN W. VOSSEN AND TAMARA K. VOSSEN                    | 6-17-172.1        | 33.8         |
| 5     | LOUIS C. BRINKMEIER JR. AND J.A. BRINKMEIER             | 6-17-175          | 45.238       |
| 6     | LOUIS BRINKMEIER, JR                                    | 6-17-175.1        | 11.013       |
| 7     | ABUNDANT LIFE BAPTIST CHURCH                            | 6-17-172.14       | 22.245       |
| 8     | ABUNDANT LIFE BAPTIST CHURCH                            | 6-17-172.12       | 19.195       |
| 9     | DAVID A. DICKEY AND MARGARET GRAYNOVSKY                 | 6-17-172.3        | 5.034        |
| 10    | WILLIAM R. BENNETT AND TERRY L. BENNETT                 | 6-17-172.11       | 2.5035       |
| 11    | DAVID L. FURBER AND MARY LOU FURBER                     | 6-17-172.5        | 7.5035       |
| 12    | THOMAS SCOTT TOMINACK                                   | 6-17-172.7        | 4.434        |
| 13    | THOMAS S. TOMINACK AND M. D. TOMINACK                   | 6-17-172.8        | 4.519        |
| 14    | MARK A. KNOX AND ALAINE S. KNOX                         | 6-17-172.10       | 3.82         |
| 15    | THOMAS MILLER AND CATHY MILLER                          | 6-17-172.17       | 2.0          |

| TRACT | SURFACE OWNER  | TAX PARCEL  | ACRES   |
|-------|--|-------------|---------|
| A     | MELVIN W. & CAROL M. KAHLE JR  | 6-17-170.2  | 1.147   |
| B     | MELVIN W. KAHLE JR.  | 6-17-35     | 37.99   |
| C     | FRANCIS A. & D.M. RIGGS  | 6-18C-3     | 4.00    |
| D     | CHAS M. SLEDD COMPANY  | 7-TW-1.1    | 3.55    |
| E     | CHAS M. SLEDD COMPANY  | 7-TW-2      | 5.84    |
| F     | NAGLE FAMILY IRREVOCABLE TRUST   | 7-TW-3      | 0.40    |
| G     | DHD COUNTY PUBLIC SERV DIST  | 7-TW-4.1    | 0.175   |
| H     | DHD COUNTY PUBLIC SERV DIST  | 7-TW-5      | 0.4     |
| I     | DHD COUNTY PUBLIC SERV DIST  | 7-TW-6      | 0.45    |
| J     | DENNIS L. COOK, SR.  | 7-TW-7      | 0.50    |
| K     | KEVIN S. & BRENDA A. KOSEM   | 7-TW-8      | 1.09    |
| L     | JEAN C. LAUFER (LE); CAROLYN L. GUTMAN; MICHAEL E. LAUFER; MARY ANN HESS | 7-TW-9      | 0.55    |
| M     | KEVIN S. & BRENDA A. KOSEM   | 7-TW-10     | 0.580   |
| N     | KEVIN S. & BRENDA A. KOSEM   | 7-TW-11     | 2.374   |
| O     | KEVIN S. & BRENDA A. KOSEM   | 7-TW-1      | 1.0     |
| P     | EDWARD B. HARTLETT   | 7-TW-2.1    | 0.48    |
| Q     | CONANT DAVIS   | 6-17-172.16 | 10.838  |
| R     | ROBERT T. & TAMMY L. SELAK   | 6-17-172.18 | 0.126   |
| S     | RANDALL E. & DEBORAH MARIE BARTLETT                                      | 6-17-172.15 | 1.0     |
| T     | CLARK EDWARD MCKEE   | 6-17-174    | 61.0    |
| U     | LINDA L. CLARK   | 7-TW-3      | 10.2562 |
| V     | RANDALL E. & D.M. BARTLETT   | 6-17-172.4  | 8.944   |
| W     | JERRY L. & CYNTHIA KOPYAR  | 6-17-172.6  | 3.409   |
| X     | WILLIAM J. BRINKMEIER  | 6-17-175.2  | 1.856   |
| Y     | LOUIS GEORGE BRINKMEIER, JR.   | 6-17-177    | 7.17    |
| Z     | WILDA (LE) & WILLIAM J. BRINKMEIER                                       | 6-17-185.1  | 3.63    |
| AA    | EDWARD M. & CHRISTINE EDGE   | 6-17-185    | 18.405  |
| BB    | JOHN J. CORRETT  | 6-17-183    | 214.774 |
| CC    | CHARLES A. & MARY E. BLISS SR  | 6-17-164    | 1.9     |
| DD    | CHARLES E. & T.D. ANDERSON   | 6-17-172.2  | 1.394   |
| EE    | CECELIA BOVO   | 6-17-172    | 9.078   |
| FF    | ADAMS S. III & SARAH G. ANDEL  | 6-17-172.9  | 3.03    |
| GG    | 470 LAND CO, LLC   | 6-17-158    | 30.07   |
| HH    | JOSEPH T. SUBASIC  | 6-17-181.1  | 0.412   |
| II    | JOSEPH T. SUBASIC  | 6-17-181    | 0.408   |
| JJ    | JOHN W. JR. & TERRIE L. BAKER  | 6-17-170.1  | 0.5     |
| KK    | KAREN J. BUTLER  | 6-17-180    | 3.214   |
| LL    | RICHARD R. & KAREN J. BUTLER   | 6-17-180.1  | 0.184   |

**SURFACE HOLE LOCATION (SHL):**  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,435,790.02  
EASTING: 531,957.98

**LANDING POINT (LPL):**  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,435,403.78  
EASTING: 531,617.80

**BOTTOM HOLE LOCATION (BHL):**  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,434,153.45  
EASTING: 532,015.22



- 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 574 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

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25034

COMPANY: **SWN SWN**  
Production Company, LLC Production Company™

MELVIN KAHLE OHI

OPERATOR'S WELL #: 206H

API WELL #: 47 069 00259  
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1276.3'

DISTRICT: TRIADDELPHIA COUNTY: OHIO COUNTY QUADRANGLE: WHEELING & VALLEY GROVE

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

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

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,364' TVD 11,215' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

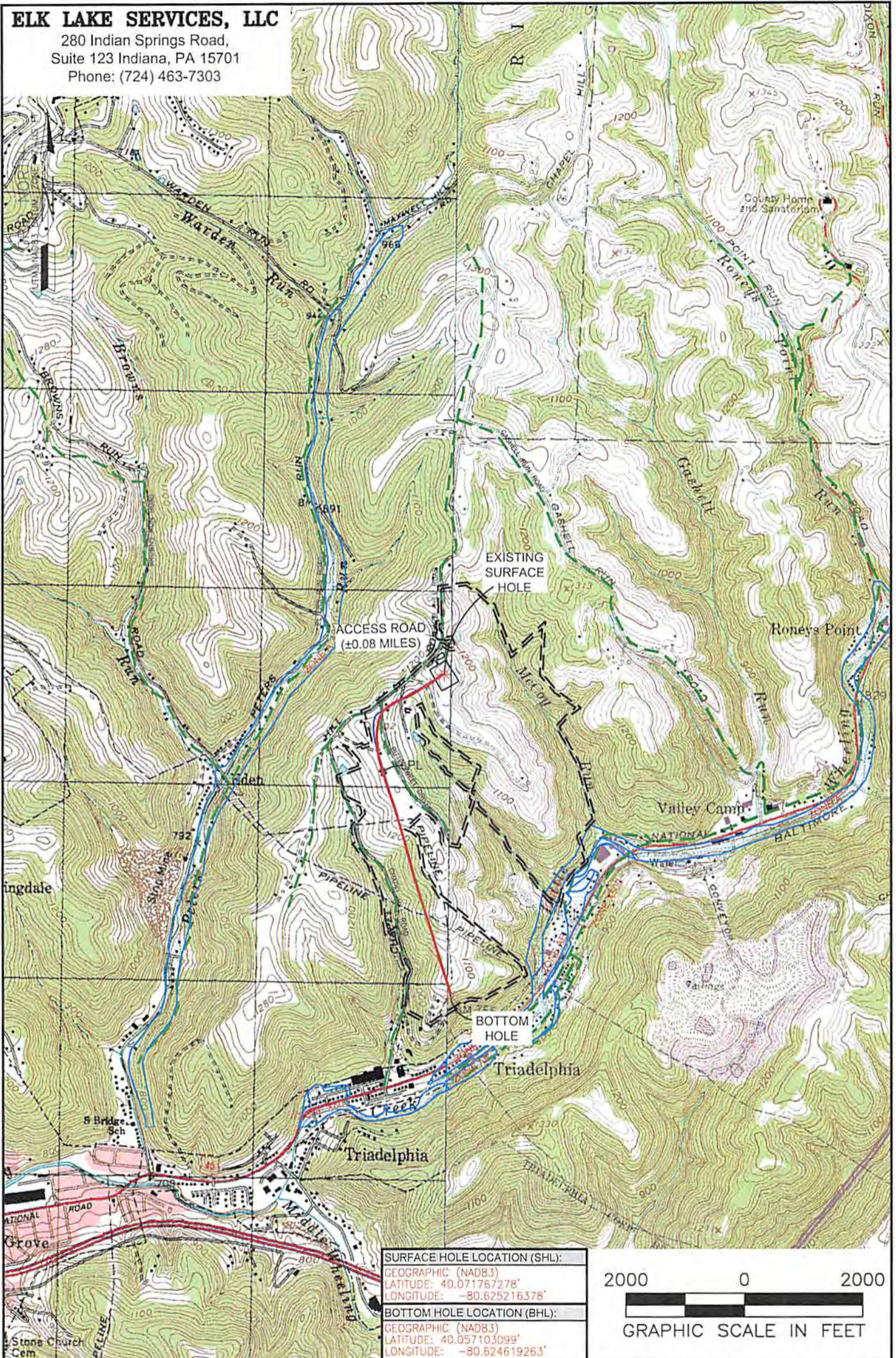
ADDRESS: P.O. BOX 1300 ADDRESS: P.O. BOX 1300

CITY: JANE LEW STATE: WV ZIP CODE: 26378 CITY: JANE LEW STATE: WV ZIP CODE: 26378

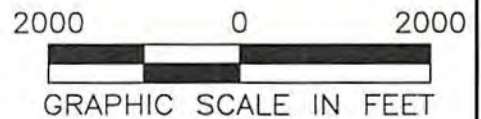
| LEGEND:                               | REVISIONS:          | DATE:                |
|---------------------------------------|---------------------|----------------------|
| ○ PROPOSED SURFACE HOLE / BOTTOM HOLE | — SURVEYED BOUNDARY | 08-28-2018           |
| ⊙ EXISTING / PRODUCING WELLHEAD       | — DRILLING UNIT     | FILE NO: 16-51       |
| ⊙ LPL: LANDING POINT LOCATION         | — LEASE BOUNDARY    | DRAWN BY: JMB        |
| ⊙ EXISTING WATER WELL                 | — EXISTING PATH     | SCALE: 1" = 2000'    |
| ⊙ EXISTING SPRING                     | — PROPOSED PATH     | DRAWING NO: 1        |
|                                       |                     | WELL LOCATION PLAT 1 |

**ELK LAKE SERVICES, LLC**

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



|                                     |
|-------------------------------------|
| <b>SURFACE HOLE LOCATION (SHL):</b> |
| GEOGRAPHIC (NAD83)                  |
| LATITUDE: 40.071767278'             |
| LONGITUDE: -80.625216378'           |
| <b>BOTTOM HOLE LOCATION (BHL):</b>  |
| GEOGRAPHIC (NAD83)                  |
| LATITUDE: 40.057103099'             |
| LONGITUDE: -80.624619263'           |



**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 | ACCESS ROAD               |
| EXISTING / PRODUCING WELLHEAD       | PUBLIC ROAD               |
| LPL*                                | ACCESS ROAD TO PREV. SITE |
| FLOOD PLAN                          | LEASE BOUNDARY            |
|                                     | EXISTING PATH             |
|                                     | PROPOSED PATH             |

|  |   |                          |                  |
|--|---|--------------------------|------------------|
| WELL OPERATOR:<br>SWN PRODUCTION COMPANY, LLC  | WELL (FARM) NAME:<br>MELVIN KAHLE OHI                             | WELL #<br>206H           | SERIAL #<br>XXXX |
| ADDRESS:<br>P.O. BOX 1300 JANE LEW, WV 26378   | COUNTY<br>OHIO COUNTY - 69  | DISTRICT:<br>TRIADELPHIA |                  |
| SURFACE OWNER:<br>MELVIN W. AND CAROL M. KAHLE | USGS 7 1/2 QUADRANGLE MAP NAME<br>WHEELING, WV & VALLEY GROVE, WV |                          |                  |