

**ELK LAKE SERVICES, LLC**

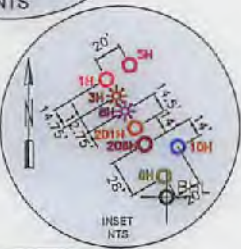
280 Indian Springs Road,  
Suite 123 Indiana, PA 15701  
Phone: (724) 463-7303

<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,435,790.02 EASTING: 531,957.98
<b>LANDING POINT (LPL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,435,403.78 EASTING: 531,617.80
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,153.45 EASTING: 532,015.22

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

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	MELVIN W. KAHLER JR AND CAROL M. KAHLER (S/R)	6-17-170	84.99
2	THOMAS C. DICKEY, IN SUE ELLEN BAILES; DAVID A. DICKEY	6-17-171	99.95
3	ROBERT T. SELAK AND TAMMY L. SELAK	6-17-172.13	1.076
4	BRIAN W. VOSSSEN AND JAMBERA K. VOSSSEN	6-17-172.1	53.8
5	LOUIS G. BRINKMEIER JR. AND J.A. BRINKMEIER	6-17-175	45.238
6	LOUIS BRINKMEIER, JR.	6-17-175.1	11.013
7	ADJUNCT LIFE BAPTIST CHURCH	6-17-172.14	22.245
8	ADJUNCT LIFE BAPTIST CHURCH	6-17-172.12	19.195
9	DAVID A. DICKEY AND MARGARET BRANNYSKY	6-17-172.3	5.034
10	WILLIAM R. BENNETT AND TERRY L. BENNETT	6-17-172.11	2.5035
11	DAVID L. FURJEE AND MARY LOU FURJEE	6-17-172.5	2.5035
12	THOMAS SCOTT TOMINACK	6-17-172.7	4.454
13	THOMAS S. TOMINACK AND W. D. TOMINACK	6-17-172.8	4.515
14	MARK A. KNOX AND ALABRE 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. KAHLER JR.	6-17-170.2	1.147
B	MELVIN W. KAHLER JR.	6-12-38	27.99
C	FRANCIS A. & D.M. RIDGS	6-TB-3	4.00
D	CHAS. M. SLEDD COMPANY	7-TW7-1.1	3.55
E	CHAS. M. SLEDD COMPANY	7-TW7-2	5.84
F	NAGLE FAMILY IRREVOCABLE TRUST	7-TW7-3	0.40
G	OHIO COUNTY PUBLIC SERV DIST	7-TW7-4.1	0.179
H	OHIO COUNTY PUBLIC SERV DIST	7-TW7-5	0.4
I	OHIO COUNTY PUBLIC SERV DIST	7-TW7-6	0.48
J	DENNIS L. COOK, SR.	7-TW7-7	0.50
K	KEVIN S. & BRENDA A. KOSEM	7-TW7-8	1.09
L	JEAN C. LAUFFER (LE); CAROLYN L. GUTMAN; MICHAEL E. LAUFFER; MARY ANN HESS	7-TW7-9	0.55
M	KEVIN S. & BRENDA A. KOSEM	7-TW7-10	0.580
N	KEVIN S. & BRENDA A. KOSEM	7-TW7-11	2.374
O	KEVIN S. & BRENDA A. KOSEM	7-TW8-1	1.0
P	EDWARD B. HARTLUB	7-TW8-2.1	3.48
Q	CONNIE DAVIS	6-17-172.16	10.036
R	ROBERT T. & TAMMY L. SELAK	6-17-172.18	0.126
S	RANDALL F. & DEBORAH MARIE BARTLETT	6-17-172.15	1.0
T	CLARK EDWARD MCKER	6-17-174	61.0
U	LINDA L. CLARK	7-TW3-1	10.7982
V	RANDALL F. & D.M. BARTLETT	6-17-172.4	8.944
W	JERRY L. & CYNTHIA KOPYAR	6-17-172.5	3.409
X	WILLIAM J. BRINKMEIER	6-17-175.2	1.856
Y	LOUIS GEORGE BRINKMEIER, JR.	6-17-172	7.17
Z	WILDA (LE) & WILLIAM J. BRINKMEIER	6-17-165.1	3.63
AA	EDWARD M. & CHRISTINE EDGE	6-17-165	18.405
BB	JOHN J. CORRETT	6-17-163	214.774
CC	CHARLIE A. & MARY S. BLISS SR.	6-17-164	9.5
DD	CHARLIE E. & T.O. ANDERSON	6-17-172.2	1.384
EE	CECELIA BOVO	6-17-172	9.078
FF	ADAMS S. II & SARAH C. ANDEL	6-17-172.9	3.03
GG	47D LAND CO, LLC	6-17-158	30.07
HH	JOSEPH T. SUBASIO	6-17-161.1	8.412
I	JOSEPH T. SUBASIO	6-17-161	0.406
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



**WELL RESTRICTIONS**

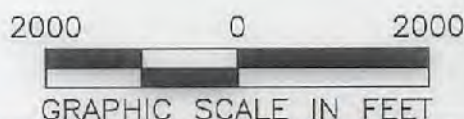
- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 574 FEET OF PROPOSED WELL.
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS ARE WITHIN THE LIMITS OF DISTURBANCE.
- 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



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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

OPERATOR'S WELL #: MELVIN KAHLER OHI 206H  
 API WELL #: 47 STATE 69 COUNTY 00259 PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1276'

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

SURFACE OWNER: MELVIN W. AND CAROL M. KAHLER ACREAGE: ±84.99

OIL & GAS ROYALTY OWNER: MELVIN W. AND CAROL M. KAHLER 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)

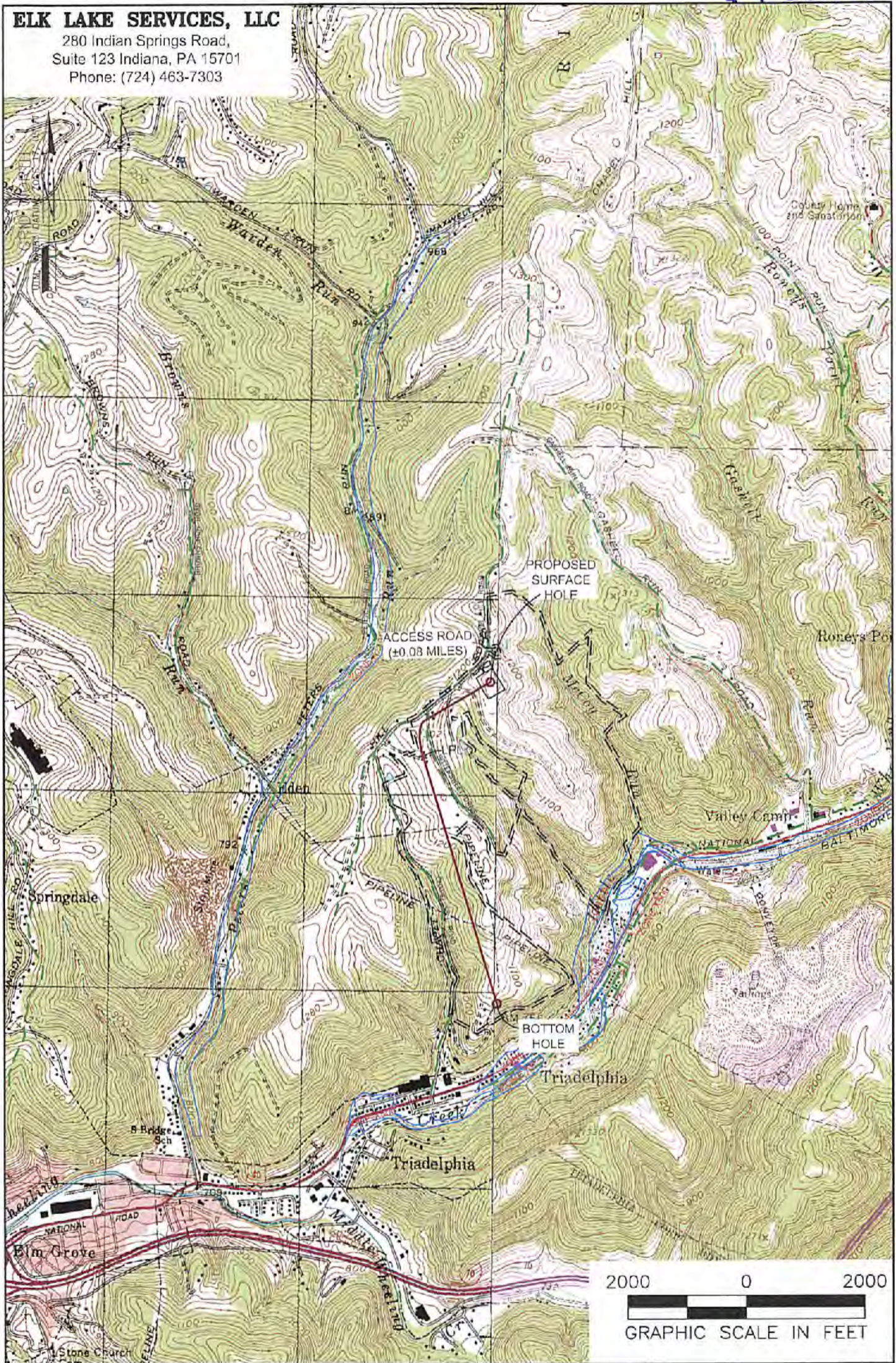
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,340' TVD 11,213' TMD

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

<b>LEGEND:</b>	— SURVEYED BOUNDARY	<b>REVISIONS:</b>	DATE: 09-22-2017
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		FILE NO: 16-51
✱ EXISTING / PRODUCING WELLHEAD	== LEASE BOUNDARY		DRAWN BY: H. JOHN
LPL* LANDING POINT LOCATION	— PROPOSED PATH		SCALE: 1" = 2000'
⊗ 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. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

**LEGEND:**

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

12/15/2017

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