

ELK LAKE SERVICES, LLC

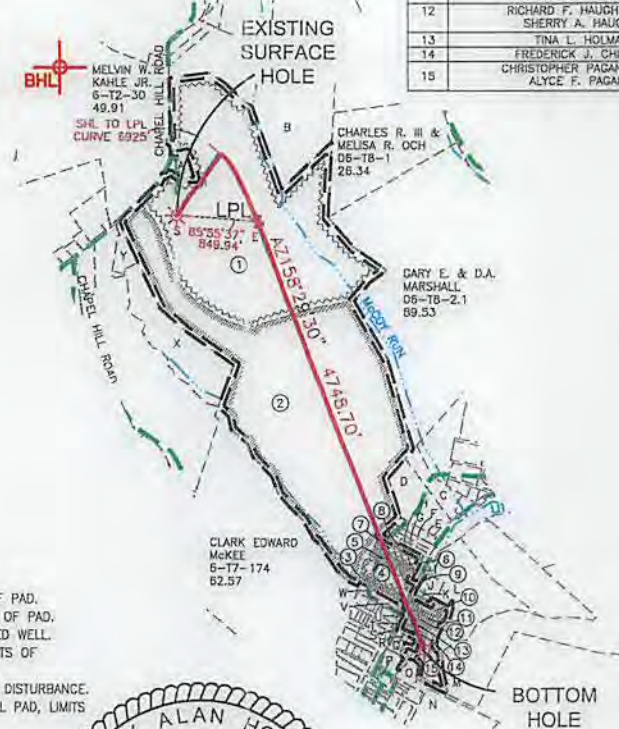
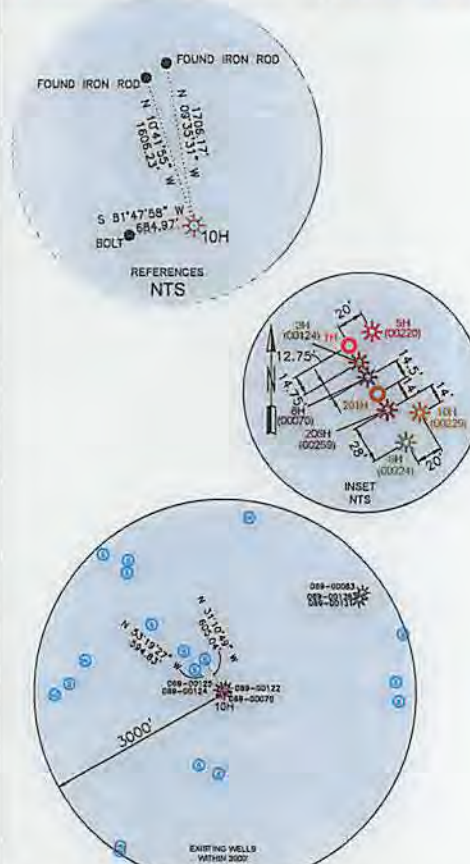
280 Indian Springs Road,
Suite 123 Indiana, PA 15701
Phone: (724) 463-7303

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,435,789.49 EASTING: 531,965.37	SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,435,789.55 EASTING: 531,965.43
LANDING POINT (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,435,772.16 EASTING: 532,225.46	LANDING POINT (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,435,837.83 EASTING: 532,195.14
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,438.36 EASTING: 532,776.91	BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,433.48 EASTING: 532,774.26

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

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	MELVIN W. & CAROL M. KAHLE JR.	6-17-170.2	1.14
B	MELVIN W. KAHLE JR.	6-12-36	28.47
C	CHAS M. SLEDD COMPANY	7-TW7-1	2.96
D	CHAS M. SLEDD COMPANY	7-TW7-2	5.84
E	NAGLE FAMILY IRREVOCABLE TRUST	6-TW7-3	0.97
F	OHIO COUNTY PUBLIC SERV DIST	7-TW7-4.1	0.18
G	OHIO COUNTY PUBLIC SERV DIST	7-TW7-5	0.46
H	OHIO COUNTY PUBLIC SERV DIST	7-TW7-6	0.56
I	CARDL L. PARSONS	7-TW7-14	0.17
J	CARDL L. PARSONS	7-TW8-41.1	0.96
K	JAMES A. & CAROL L. PARSONS	7-TW8-41	0.2
L	MARCIA KIRKLAND	6-TW8-41.1	12.89
M	OHIO COUNTY COMMISSION	6-TW8-40	98.02
N	THOMAS J. HOWARD	6-TW8-42	11.34
O	JULIUS L. & REGINA R. DEMASI	6-TW8-62.1	3.9
P	CHARLES L. & S.F. SCHRAMM	7-TW8-46	0.95
Q	JAMES A. & CAROL L. PARSONS	7-TW8-45	0.54
R	ROBERT L. HOFFMAN JR.	7-TW8-44	0.31
S	ROBERT L. HOFFMAN JR.	7-TW8-38.1	0.07
T	FREDERICK J. CHIPKAR	7-TW8-40	0.13
U	TINA L. HOLMAN	7-TW8-100	0.11
V	EDWARD B. & BARBARA M. HARTLIEB	7-TW8-2	0.49
W	EDWARD B. HARTLIEB	7-TW8-2.1	0.54
X	CONNIE DAVIS	6-17-172.16	11.37
Y	ROBERT T. & TAMMY L. SELAK	6-17-172.13	1.27

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	MELVIN W. KAHLE JR. AND CAROL M. KAHLE	06-17-170	84.99
2	SURFACE OWNER	TAX PARCEL	ACRES
3	MARY ANGELA DICKEY	06-17-171	93.95
4	KEVIN S. KOSEM AND BRENDA A. KOSEM	7-TW6-1	1.0
5	KEVIN S. KOSEM AND BRENDA A. KOSEM	7-TW7-11	2.374
6	KEVIN S. KOSEM AND BRENDA A. KOSEM	7-TW7-10	0.55
7	EDWARD P. LAUFFER AND JEAN C. LAUFFER (LE)	7-TW7-9	0.5544
8	KEVIN S. KOSEM AND BRENDA A. KOSEM	7-TW7-8	1.0904
9	DENNIS L. COOK SR.	7-TW7-7	0.5073
10	JAMES A. PARSONS AND CAROL L. PARSONS	7-TW8-39	0.484
11	JAMES A. PARSONS AND CAROL L. PARSONS	7-TW8-42.2	1.39
12	JAMES A. PARSONS AND CAROL L. PARSONS	7-TW8-42	0.1391
13	RICHARD F. HAUGHT AND SHERRY A. HAUGHT	7-TW8-42.1	0.808
14	TINA L. HOLMAN	7-TW8-42.3	0.498
15	FREDERICK J. CHIPKAR	7-TW8-43	0.53
16	CHRISTOPHER PAGANO AND ALYCE F. PAGANO	6-TW8-62	3.648



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 595 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 HEREDON 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 HEREDON.
- 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

[Signature]

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT)	COMPANY: SWN Production Company, LLC OPERATOR'S WELL #: MELVIN KAHLE OHI 10H API WELL #: 47 069 00229 STATE COUNTY PERMIT
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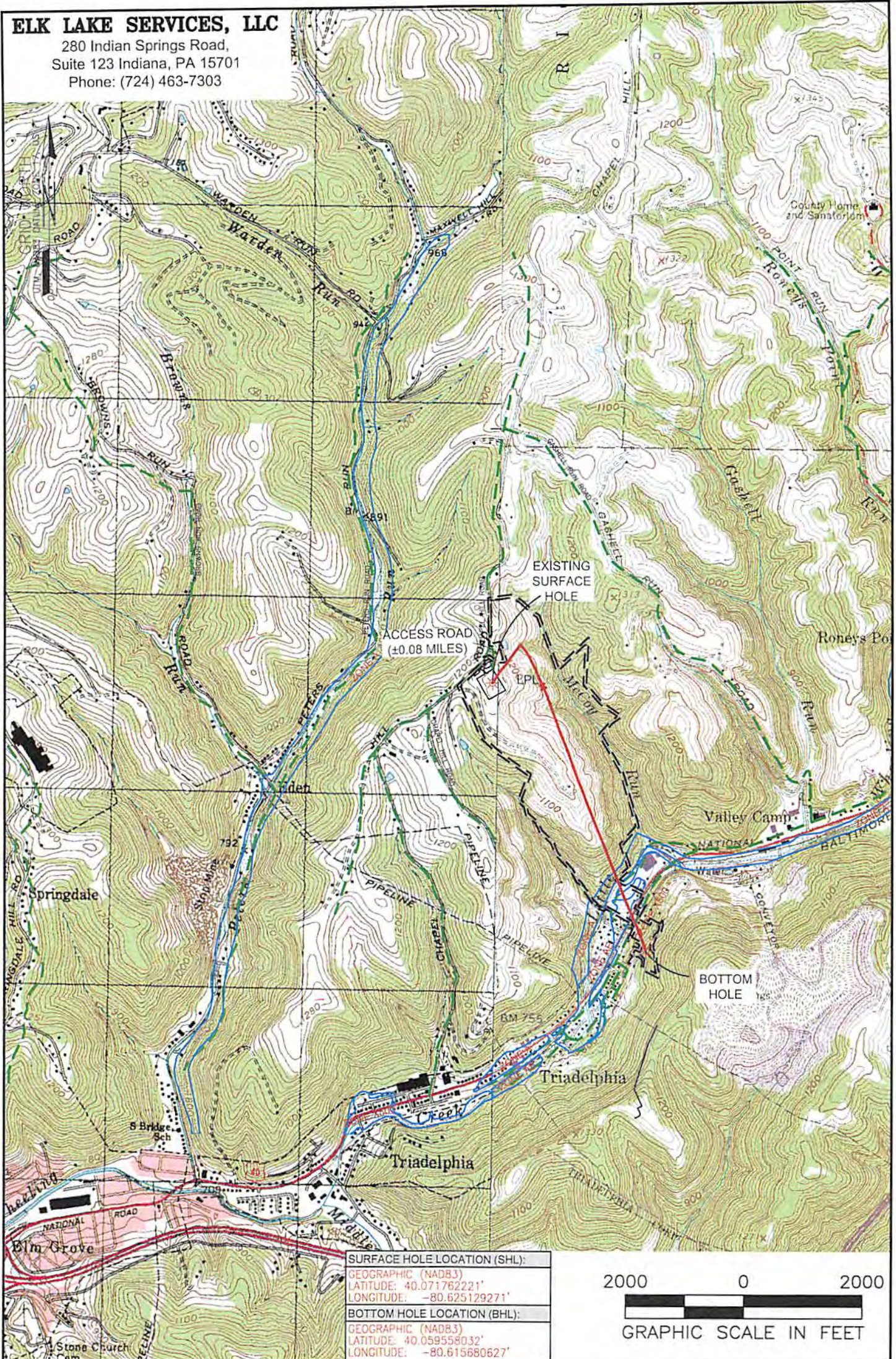
WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	WATERSHED: UPPER OHIO SOUTH	ELEVATION: 1276.2'
DISTRICT: TRIADELPHIA	COUNTY: OHIO COUNTY	QUADRANGLE: WHEELING & VALLEY GROVE
SURFACE OWNER: MELVIN W. KAHLE JR. AND CAROL M. KAHLE	ACREAGE: ±84.99	ACREAGE: ±84.99
OIL & GAS ROYALTY OWNER: MELVIN W. KAHLE JR. AND CAROL M. KAHLE	DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/>	ESTIMATED DEPTH: 6,370' TVD 11,662' TMD
CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED	TARGET FORMATION: MARCELLUS	

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

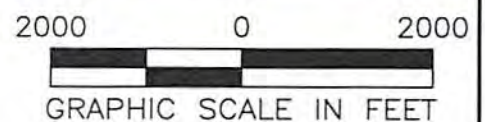
LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL: LANDING POINT LOCATION ⊕ EXISTING WATER WELL ⊙ EXISTING SPRING	— SURVEYED BOUNDARY — DRILLING UNIT = LEASE BOUNDARY — EXISTING PATH — PROPOSED PATH	REVISIONS: DATE: 8/28/2018 FILE NO: 16-51 DRAWN BY: JMB SCALE: 1" = 2000' 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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83)
LATITUDE: 40.071762221'
LONGITUDE: -80.625129271'
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83)
LATITUDE: 40.059558032'
LONGITUDE: -80.615680627'



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* LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- - - PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- ===== LEASE BOUNDARY
- EXISTING PATH
- PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: MELVIN KAHLE OHI	WELL # 10H	SERIAL # XXXX
ADDRESS: P.O. BOX 1300 JANE LEW, WV 26378	COUNTY OHIO COUNTY - 69	DISTRICT: TRIADELPHIA	
SURFACE OWNER: MELVIN W. KAHLE JR. AND CAROL M. KAHLE	USGS 7 1/2 QUADRANGLE MAP NAME WHEELING, WV & VALLEY GROVE, WV		