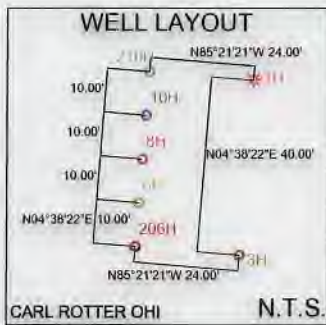
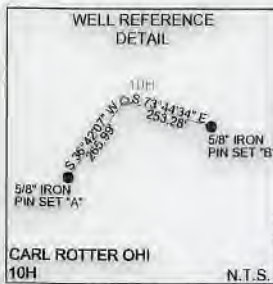
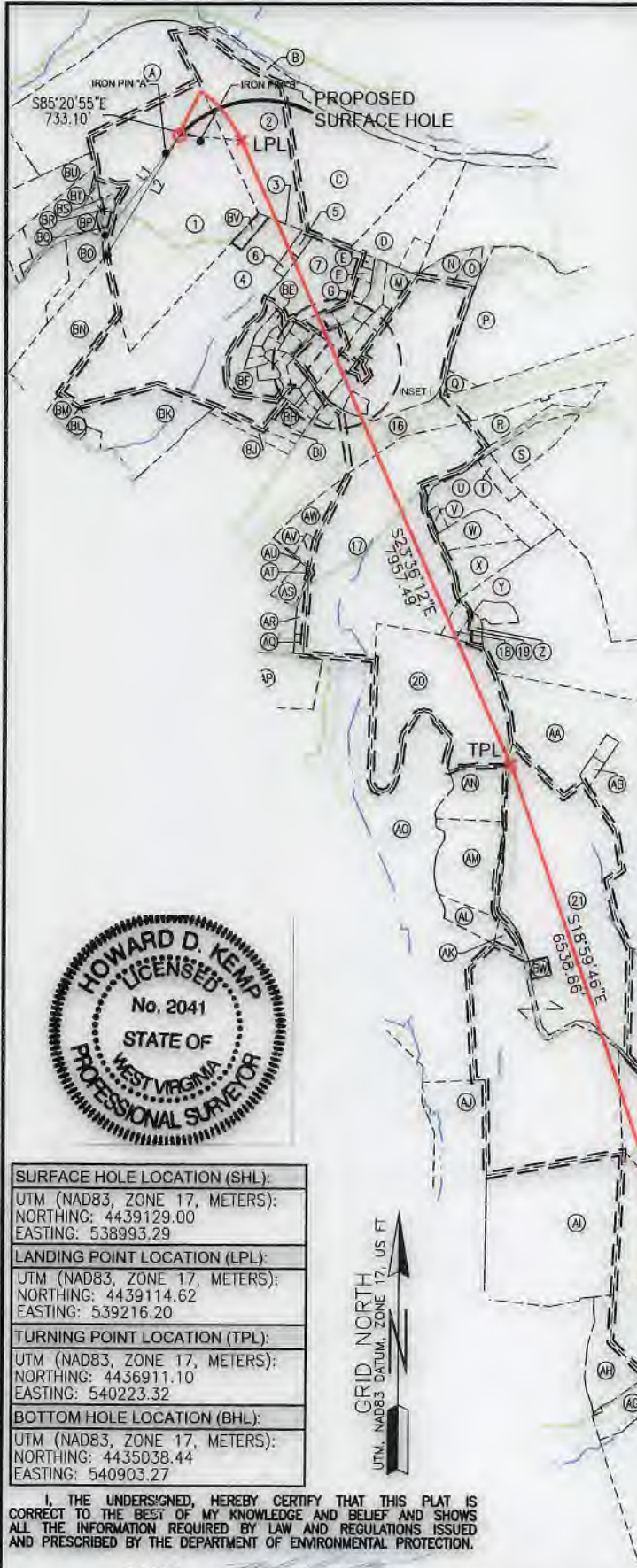


LATITUDE: 40°07'30" SURFACE HOLE (2000' SCALE) 305'

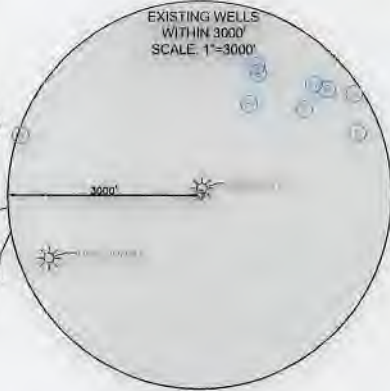
LATITUDE: 40°05'00" BOTTOM HOLE (2000' SCALE) 5745'

NOTES ON SURVEY

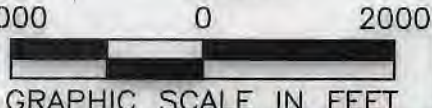
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
5. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.



LINE	BEARING	DISTANCE
L1	S36°52'31"W	1452.98'
L2	S31°16'38"W	1629.07'



68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

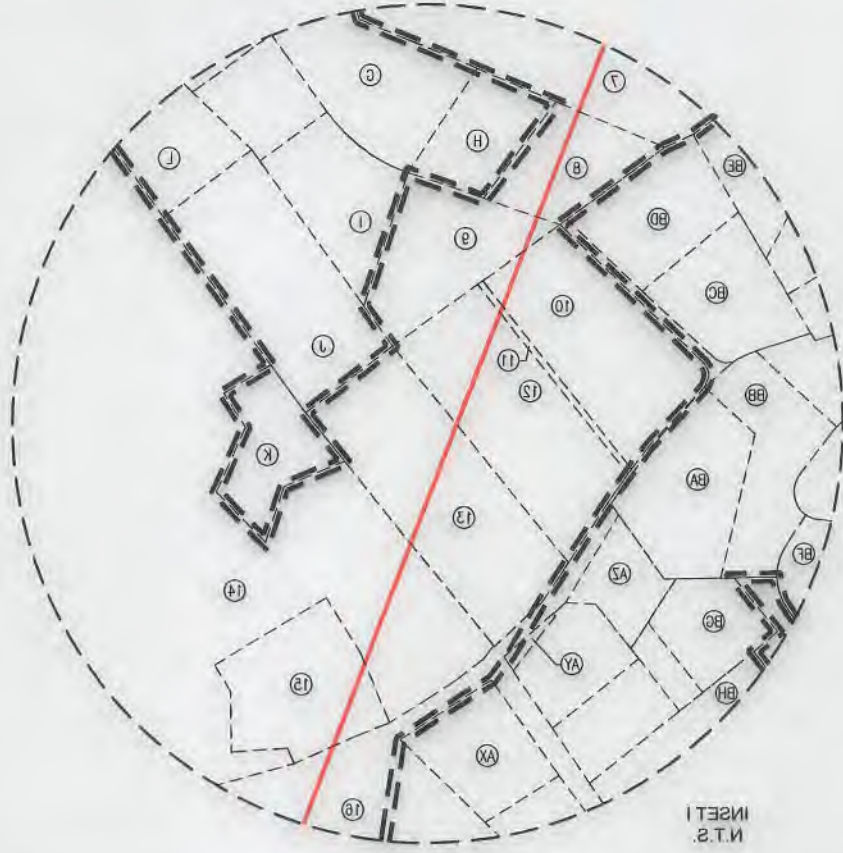


SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4439129.00 EASTING: 538993.29
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4439114.62 EASTING: 539216.20
TURNING POINT LOCATION (TPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4436911.10 EASTING: 540223.32
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4435038.44 EASTING: 540903.27

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. 2041

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/200</p> <p>PROVEN SURVEY SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)</p>	<p>COMPANY: SWN Production Company, LLC</p> <p>OPERATOR'S WELL #: 10H HGA</p> <p>API WELL #: 47 069 00328</p> <p>STATE COUNTY PERMIT</p>
	<p>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"/></p> <p>WATERSHED: UPPER OHIO SOUTH</p> <p>DISTRICT: LIBERTY COUNTY: OHIO</p> <p>SURFACE OWNER: CARL J. & GRACE A. ROTTER</p> <p>OIL & GAS ROYALTY OWNER: CARL J. & GRACE A. ROTTER</p> <p>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 type="checkbox"/></p> <p>CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)</p> <p>TARGET FORMATION: MARCELLUS</p>	<p>ELEVATION: 1336.1'</p> <p>QUADRANGLE: VALLEY GROVE, WV</p> <p>ACREAGE: ±77.45</p> <p>ACREAGE: ±77.45</p> <p>ESTIMATED DEPTH: 6,766' TVD 21,540' TMD</p>



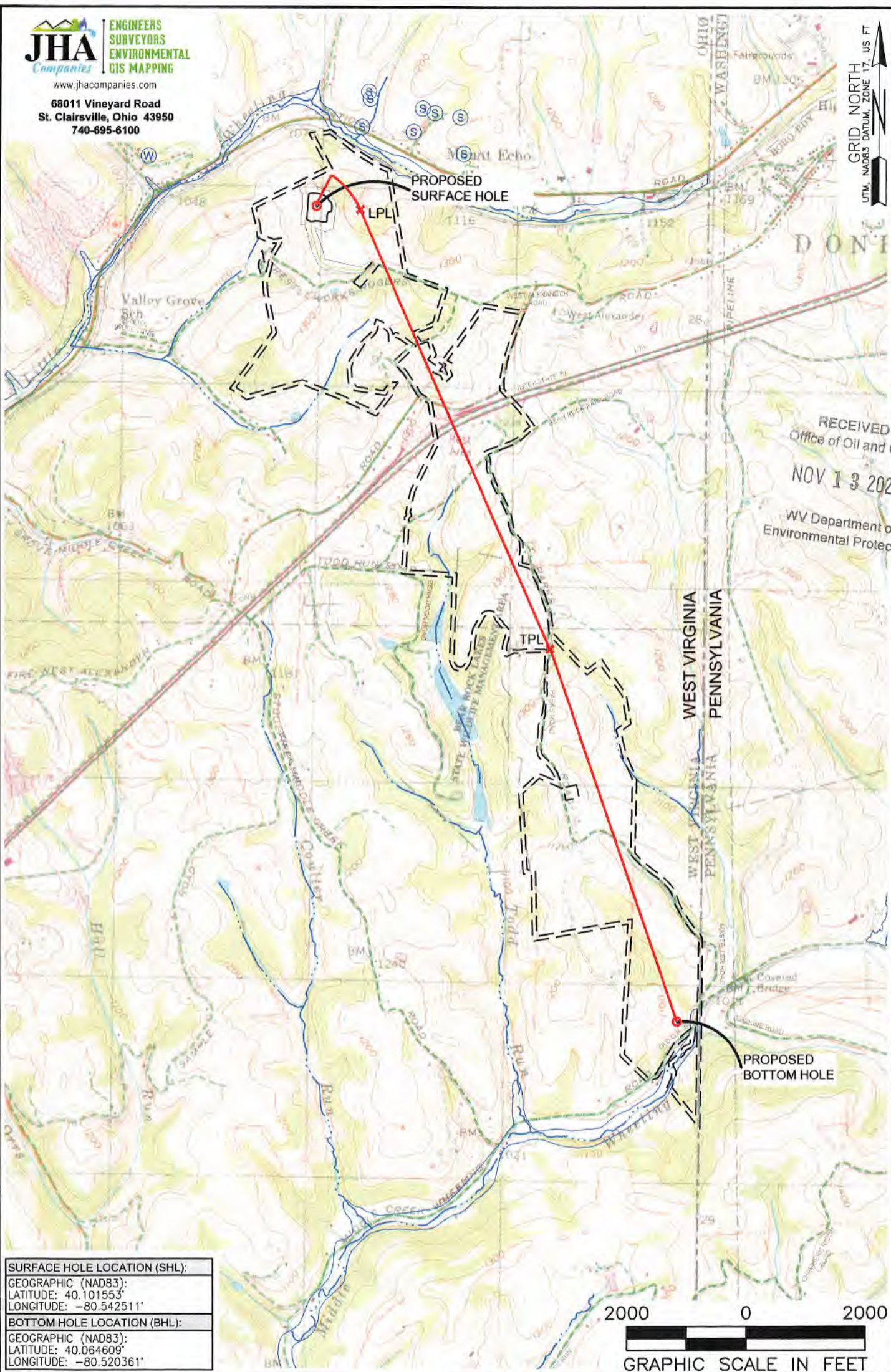
INSET I
N.T.S.

TRACT	SURFACE OWNER (R)	TAX PARCEL
1	ROTTOR CARL J & GRACE A (2/9)	3-11-24
2	SURFACE OWNER	
3	GRIFITH SHARON & WARREN	3-11-80.1
4	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	
5	AKA ROGERS ROAD TRESLEWORK ROGERS RD, REALTREE RD., FKA	
6	AKA ROGERS ROAD	
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TRACT	SURFACE OWNER	TAX PARCEL
1	ROTTOR CARL J & GRACE A (2/9)	3-11-24
2	SURFACE OWNER	
3	GRIFITH SHARON & WARREN	3-11-80.1
4	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	
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03/11/2022

REVISIONS: _____
 COMPANY: SWN Production Company, LLC
 OPERATOR'S: CARL ROTTOR OHIO
 WELL #: 17-061-0025 & 10H
 DISTRICT: LIBERTY
 COUNTY: OHIO
 STATE: WV
 SCALE: N/A
 DRAWING NO: 2018-0123
 WELL LOCATION PLAT
 DATE: 10-22-2020
 API NO: 47-080-XXXXX
 DRAWN BY: R. GRIMES
 PWD ID 300112698
 COMPLETION ID 2801121525



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.101553°
LONGITUDE: -80.542511°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.064609°
LONGITUDE: -80.520361°

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
- NATURAL VEGETATION
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC		WELL (FARM) NAME: CARL ROTTER OHI		WELL # 10H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508		COUNTY: OHIO	CODE: 9	DISTRICT: LIBERTY	API # 47-69-XXXX
SURFACE OWNER: CARL J. & GRACE A. ROTTER		USGS 7 1/2 QUADRANGLE MAP NAME: VALLEY GROVE, WV			