



320 O'Bryan Lane • Van Buren, AR 72956
Office: 479.474.7916 • Fax: 479.474.2450
Surveying • handa-inc.com

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 36°34'22" W	322.24'	SHL TO LANDMARK	FOUND 1/2" REBAR
L2	N 25°50'50" E	377.97'	SHL TO LANDMARK	FOUND 1/2" REBAR
L3	N 17°42'12" E	25.08'	SHL TO REF. PNT.	BRIAN DYTKO OHI 10H WELL HEAD (069-00127)
L4	S 68°11'49" W	14.49'	SHL TO REF. PNT.	BRIAN DYTKO OHI 8H WELL HEAD (069-00071)

LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L5	N 34°20'51" W	572.98'		SHL TO LP
L6	N 37°59'13" W	8561.36'		LP TO BHL

Latitude: 40°02'30"

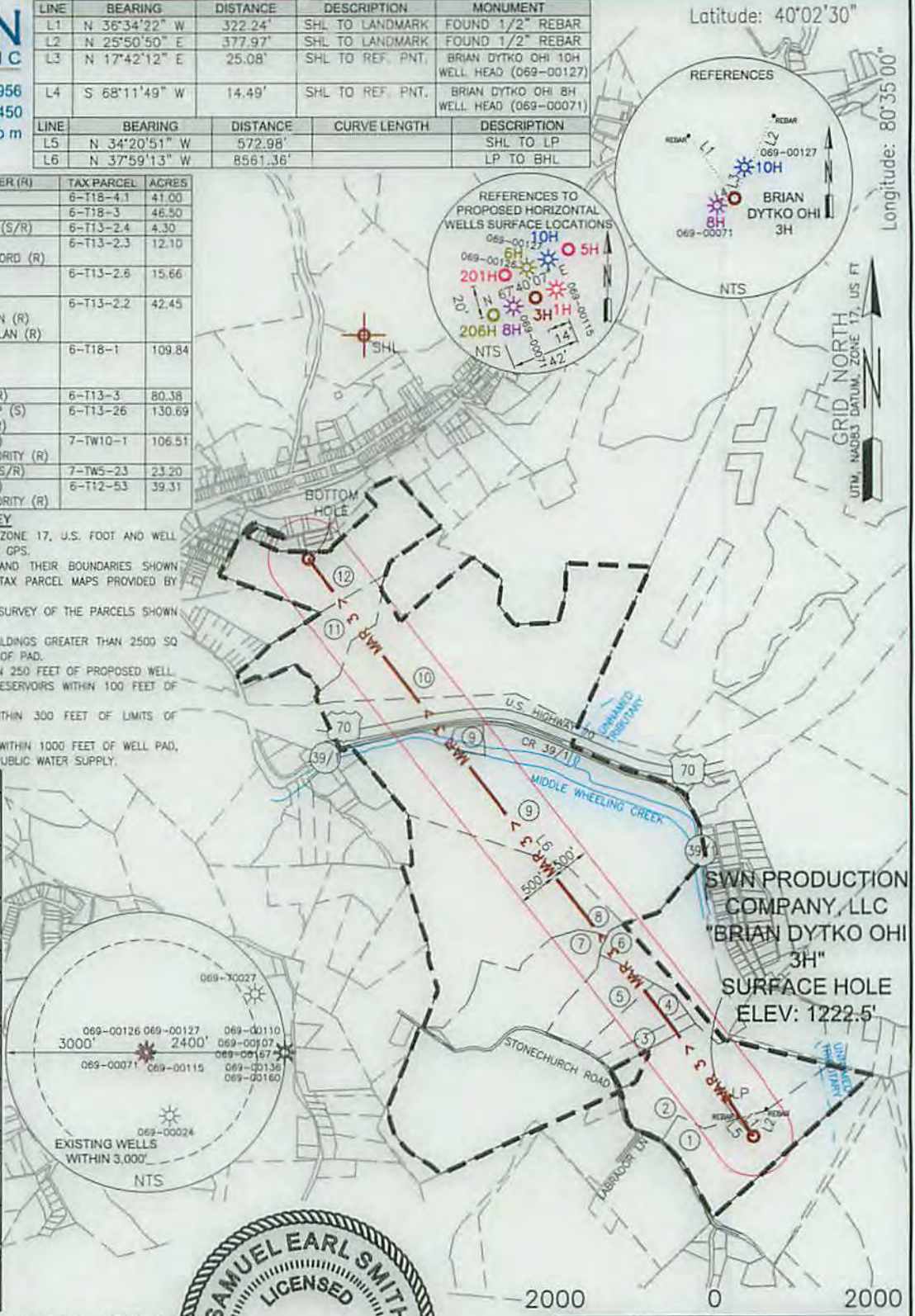
Longitude: 80°35'00"

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	BRIAN J DYTKO (S/R)	6-T18-4.1	41.00
2	WILLIAM G THOMS (S/R)	6-T18-3	46.50
3	SETH MCCORD & HEATHER MCCORD (S/R)	6-T13-2.4	4.30
4	JOHN EDWARD MCCORD (S)	6-T13-2.3	12.10
5	JOHN EDWARD MCCORD & BECKY MCCORD (R)	6-T13-2.6	15.66
6	WANDA MCCONNELL (S)	6-T13-2.2	42.45
7	JOHN W NOLAN SR ET AL (S)	6-T18-1	109.84
8	JOHN W NOLAN SR & RITA C NOLAN (R)	6-T13-3	80.38
9	JOHN W NOLAN JR & DARLENE C NOLAN (R)	6-T13-26	130.69
10	PAUL PAVLACK (S)	7-TW10-1	106.51
11	RICHARD K REINHOLTZ (R)	7-TWS-23	23.20
12	SYLVIA ANN MILLER (R)	6-T12-53	39.31
	MIDDLE CREEK GARAGE INC (S/R)		
	OHIO VALLEY IND & BUS DEV CORP (S)		
	ALLIANCE RESOURCE GP, LLC (R)		
	OHIO COUNTY DEVELOPMENT (S)		
	THE OHIO COUNTY DEVELOPMENT AUTHORITY (R)		
	JAMES L MORRIS & M A MORRIS (S/R)		
	OHIO COUNTY DEVELOPMENT (S)		
	THE OHIO COUNTY DEVELOPMENT AUTHORITY (R)		

NOTES ON SURVEY

- COORDINATE SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- 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.
- NO OCCUPIED DWELLINGS AND AGRICULTURE BUILDINGS GREATER THAN 2500 SQ FT. WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF 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.

SURFACE HOLE LOCATION (SHL):	
GEOGRAPHIC (NAD83):	LATITUDE: 40.029970°
	LONGITUDE: -80.607930°
UTM (NAD83, ZONE 17, FEET):	NORTHING: 14,537,888.318
	EASTING: 1,750,168.374
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,431,157.222
	EASTING: 533,452.387
LANDING POINT LOCATION (LPL):	
GEOGRAPHIC (NAD83):	LATITUDE: 40.031273°
	LONGITUDE: -80.609077°
UTM (NAD83, ZONE 17, FEET):	NORTHING: 14,538,361.390
	EASTING: 1,749,845.090
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,431,301.414
	EASTING: 533,353.850
BOTTOM HOLE LOCATION (BHL):	
GEOGRAPHIC (NAD83):	LATITUDE: 40.049865°
	LONGITUDE: -80.627801°
UTM (NAD83, ZONE 17, FEET):	NORTHING: 14,545,109.050
	EASTING: 1,744,575.740
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,433,358.105
	EASTING: 531,747.749



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. 2315 *Samuel Earl Smith*

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)	OPERATOR'S WELL #: BRIAN DYTKO OHI 3H API WELL #: 47 STATE 69 COUNTY PERMIT 00199146A
---	--	--

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

WATERSHED: WHEELING CREEK ELEVATION: 1222.5'

DISTRICT: TRIADDELPHIA COUNTY: OHIO QUADRANGLE: VALLEY GROVE

SURFACE OWNER: BRIAN DYTKO ACREAGE: ±41.00

OIL & GAS ROYALTY OWNER: BRIAN DYTKO ACREAGE: ±41.00

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

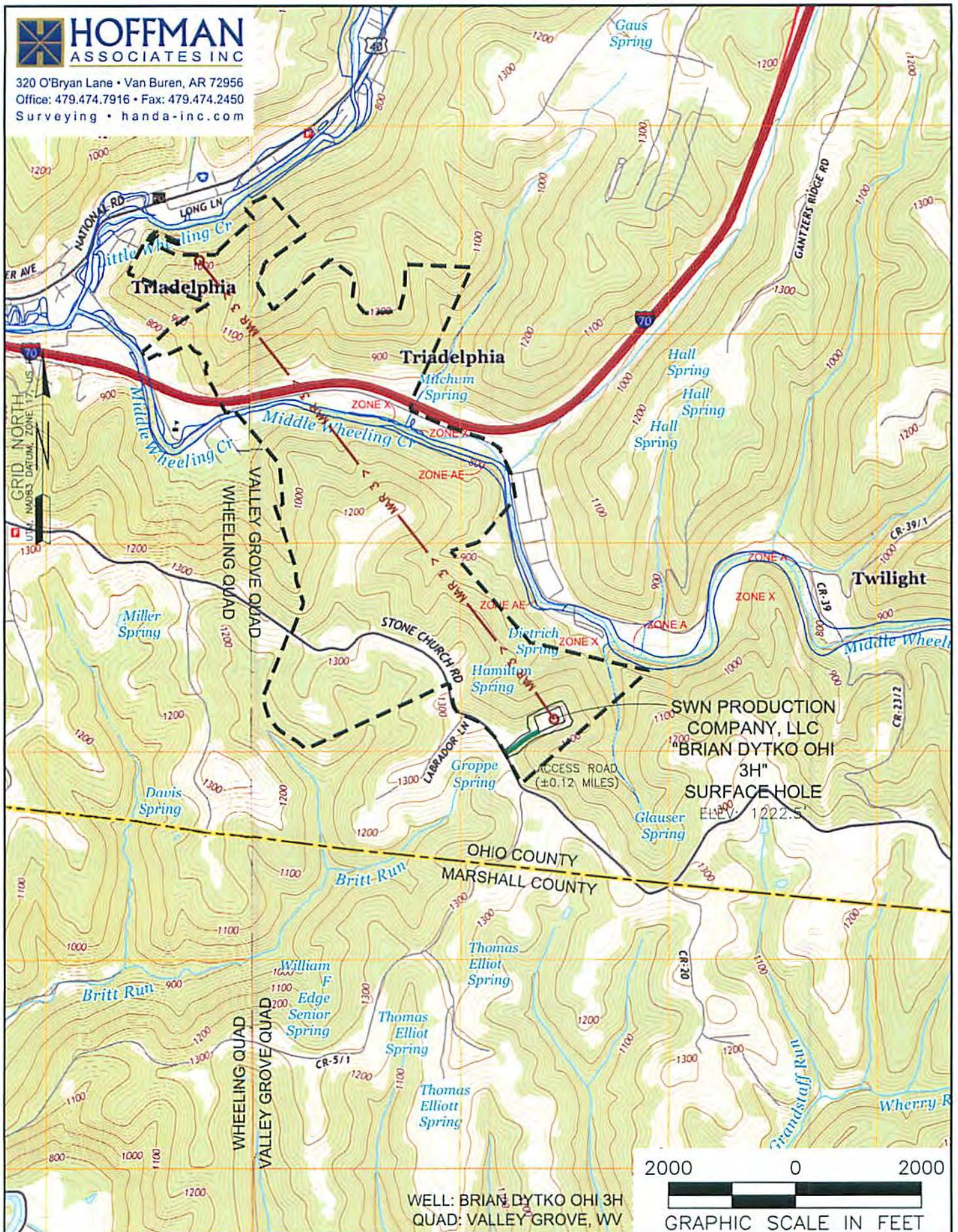
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,361' TVD 15,249' IMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: P.O. BOX 1300 CITY: JANE LEW STATE: WV ZIP CODE: 26378

DESIGNATED AGENT: DEE SOUTHALL ADDRESS: P.O. BOX 1300 CITY: JANE LEW STATE: WV ZIP CODE: 26378

LEGEND:	REVISIONS:	DATE:
<ul style="list-style-type: none"> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ⊗ EXISTING / PRODUCING WELLHEAD ⊘ ABANDONED WELL ⊙ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR 	<ul style="list-style-type: none"> --- LEASE BOUNDARY --- 500' DHP BUFFER - MAR 1 - MARCELLUS DHP - - - ABANDONED PATH 	06-12-2015 Δ ADDED OIL & GAS ROYALTY OWNER & ACREAGE, 08/06/2015 Δ ADDED ADJACENT PARCELS 08-14-2015 Δ ADDED ADDITIONAL ADJACENT PARCELS 08-25-2015



WELL: BRIAN DYTKO OHI 3H
QUAD: VALLEY GROVE, WV



NAME AND DISTANCE TO THE NEAREST STREAM: BIG WHEELING CREEK IS LOCATED ±0.33 MILES NORTH OF THE CENTER OF THE DRILL PAD.		STREAM CROSSING COORDINATES (NAD 83): NO NEW CROSSINGS.		COMPANY: 	
WELL RESTRICTIONS: WELL PAD, LOD, & E & S CONTROL FEATURES TO PERENNIAL STREAM, LAKE, POND, RESERVOIR OR WETLAND: >100 FEET WELL PAD, LOD, & E & S CONTROL FEATURES TO NATURALLY PRODUCING TROUT STREAM: >300 FEET WELL PAD, LOD, & E & S CONTROL FEATURES TO GROUNDWATER INTAKE OR PUBLIC WATER SUPPLY: >1000 FEET WELL SHL TO EXISTING WATER WELL OR DEVELOPED SPRING: >250 FEET CENTER OF PAD TO OCCUPIED DWELLING STRUCTURE: >625 FEET CENTER OF PAD TO AGRICULTURAL BUILDINGS LARGER THAN 2500 SQ FT: >625 FEET		OPERATOR'S: BRIAN DYTKO OHI			
FEMA FLOOD INFORMATION: BY GRAPHIC PLOTTING ONLY FEMA FIRM INCORPORATED AREA OF OHIO COUNTY, WEST VIRGINIA; MAP NUMBER 54069C0086D & 54069C0090D; EFFECTIVE DATE: JULY 17, 2006.		LOCATION: TRIADELPHIA DISTRICT, OHIO COUNTY, WEST VIRGINIA		RECEIVED AUG 17 2015 Office of Oil & Gas	
LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ⊙ EXISTING / PRODUCING WELLHEAD ⊘ ABANDONED WELL ⊗ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR		(S) EXISTING SPRING (W) EXISTING WATER WELL — ACCESS ROAD — ACCESS ROAD TO PREV. SITE — HIGHWAY/INTERSTATE — COUNTY ROAD		SURFACE HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.029970° LONGITUDE: -80.607930°	
		BOTTOM HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.049865° LONGITUDE: -80.627801°		REVISIONS:	
		DATE: 06-12-2015		DRAWN BY: M. PATRICK SCALE: 1" = 2000' DRAWING NO: 58834 TOPOGRAPHIC MAP	