

Latitude: 40°10'00"

SURFACE HOLE 8,257'

Latitude: 40°10'00"

BOTTOM HOLE 9,594'

JACKSON SURVEYING

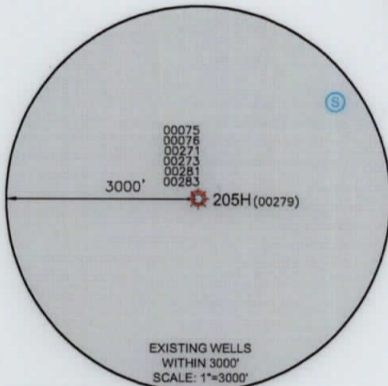
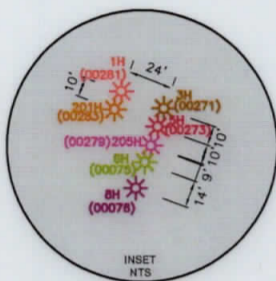
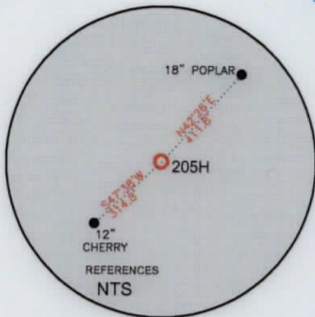
INC.

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 11°23'36" E	1119.57'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	N 56°04'26" E	1464.10'	SHL TO LANDMARK	36" BLACK CHERRY
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 45°51'13" E	1499.58'	1899.38'	SHL TO LP

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,625.490 EASTING: 532,978.530
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,942.340 EASTING: 533,306.150
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,299.680 EASTING: 532,553.730
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,625.302 EASTING: 532,978.464
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,943.651 EASTING: 533,306.441
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,299.494 EASTING: 532,561.277

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



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.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE 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.

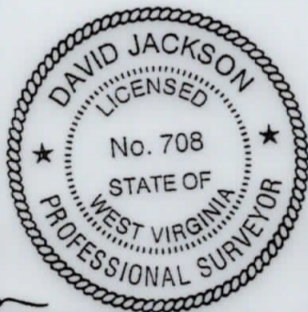
NOTES ON SURVEY

- 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.

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. 708

David L Jackson



(+) 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 ELEVATION: GRADE GPS (NAVD 88, US FT)

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

DALLAS HALL OHI
OPERATOR'S WELL #: 205H
API WELL #: 47 STATE 069 COUNTY 00279 PERMIT

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

WATERSHED: SHORT RUN-OHIO RIVER (HUC-10) ELEVATION: 1274.2'

DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: BETHANY, WV

SURFACE OWNER: AGNES L. HALL ACREAGE: ±162.58

OIL & GAS ROYALTY OWNER: AGNES L. HALL ACREAGE: ±162.58

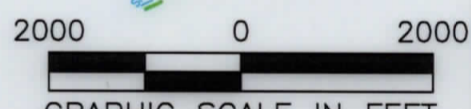
DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

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

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,155 TVD 14,832 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT RD. SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508
DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT RD. SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:	○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— SURVEYED BOUNDARY	REVISIONS:	DATE: 07-09-2019
☆ EXISTING / PRODUCING WELLHEAD	— DRILLING UNIT	— LEASE BOUNDARY		
LPL * LANDING POINT LOCATION	— ASDRILLED PATH	— PROPOSED PATH		
⊙ EXISTING WATER WELL				
⊙ EXISTING SPRING				
				DRAWN BY: N. MANO
				SCALE: 1" = 2000'
				DRAWING NO:
				WELL LOCATION PLAT



BOTTOM HOLE 3,369'

Longitude: 80°35'00"



Longitude: 80°35'00"

**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

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



REVISIONS:	COMPANY:		 	
	OPERATOR'S	DALLAS HALL OHI	API NUMBER:	DATE: 07-09-2019
	WELL #:	205H	47-069-00279	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	LIBERTY	OHIO	WV	DRAWING NO:
				WELL LOCATION PLAT 2



**JACKSON SURVEYING
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WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	AGNUS J. HALL (S/R)	03-L7-19
TRACT	SURFACE OWNER	TAX PARCEL
2	CATHERINE EVANS & DAVID EVANS (S)	03-L4-13.1
3	DAVID M. WEAVER & BETH R. WEAVER (S)	03-L4-15
4	DAVID M. WEAVER & BETH R. WEAVER (S)	03-L4-13
5	DAVID M. WEAVER & BETH R. WEAVER (S)	03-L4-40
6	LOUIS P. SHIPLEY (S)	03-L4-39
7	LOUIS P. SHIPLEY (S)	03-L4-38
8	PAUL M. MCKAY & DEBORAH A. MCKAY (S)	03-L4-10.1
9	FRANK J. HARRAR & ISABEL W. HARRAR (LE), MARY ANN HARRAR, ET AL (S)	03-L4-04
10	JOHN A. POWELL & MICHELLE L. POWELL (S)	03-L4-1.5
11	THOMAS M. HARDMAN & KELSEY R. GOLD (S)	03-L4-1.4
12	PAUL M. MCKAY & DEBORAH A. MCKAY (S)	03-L4-01
13	PAUL M. MCKAY (S)	03-L4-1.6
14	ELIZABETH L. HONECKER & ELIZABETH H. HESTICK (S)	04-L1-42

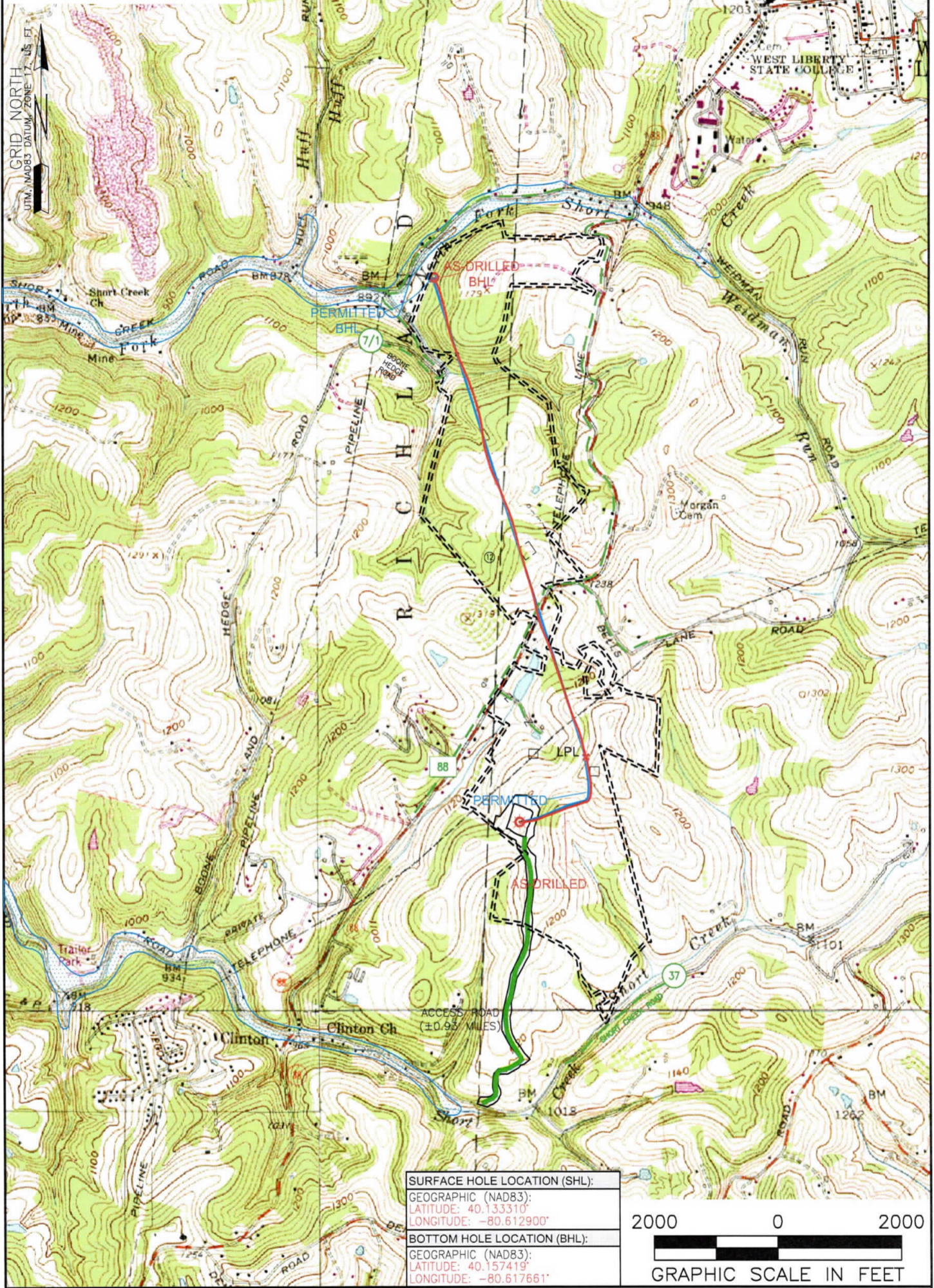
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	BELLE LANE, LLC	03-L4-109
B	MARY HELEN CLISER, TRUSTEE	03-L7-02
C	WHITAKER REVOCABLE FAMILY TRUST	03-L7-27
E	AGNES L. HALL	03-L7-01
D	AGNES L. HALL	03-L7-20
F	AGNUS J. HALL	03-L7-21.1
G	JOHN R. PYLE, SR. & T.A. PYLE	04-R12B-1.1
H	STEVE KELLAS	04-R12B-1.5
I	MATHEW H. GOSSETT	04-R12B-01
J	GEORGE STROMATOS	03-L4-24
K	GEORGE STROMATOS	03-L4-24.1
L	GEORGE STROMATOS	03-L4-24.2
M	DAVID G. RUTHERS & LINDA F. RUTHERS	03-L4-22
N	YE M. HLA & EI E. MYINT	03-L4-20
O	LILLIAN W. BROWN TRUST (S)	03-L4-1.1
P	JAMES F. ROSE & ANN C. ROSE	03-L4-14
Q	JAMES F. ROSE & ANN C. ROSE	03-L4-12
R	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-10
S	REBECCA L. BLAKE	03-L4-1.7
T	REBECCA L. BLAKE	03-L4-1.2
U	CLAIRE M. CAVENEY	04-R9-03
V	PAUL M. MCKAY & DEBORAH A. MCKAY	04-R9-51
W	JOHN C. RATCLIFFE	04-R9-22.21
X	FEDERAL HOME LOAN MORTGAGE CORPORATION	04-R9-24.1
Y	FRANK W. PATTERSON, ET AL	04-R9-23.1
Z	FEDERAL HOME LOAN MORTGAGE CORPORATION	04-R9-24
AA	CARLA DIETRICH	04-R9-21
BB	CARLA DIETRICH	04-R9-21.1
CC	TIMOTHY JOHN STANLEY & CASEY LYNNE STANLEY	04-R6-35
DD	CALVARY BAPTIST CHURCH TRUSTEES	04-R6-35.1
EE	UNKNOWN	
FF	TOWN OF WEST LIBERTY	09-WL9-01
GG	DALE M. SAMPSON	03-L1-24
HH	STEPHANIE A. ERNIS	09-WL10-08
II	JANET L. HONECKER; ELIZABETH HONECKER	03-L4-103

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
JJ	PAUL CLONE III & JESSIE WHEATON	03-L1-42.1
KK	ELIZABETH R. HONECKER C/O JANET L. HONECKER (L/E)	04-R9-124
LL	PAUL M. MCKAY & DEBORAH A. MCKAY, JANET L. HONECKER	04-R9-123
MM	RACHEL ANN SINCAVICH	03-L4-02
NN	DOUGLAS E. FARMER, JR. & CHRISTINA J. FARMER	03-L4-2.1
OO	REGINA L. FARMER & CLARENCE S. FARMER, JR.	03-L4-2.7
PP	DONALD FRAZIER & LINDA FRAZIER	03-L4-2.2
QQ	THOMAS E. WILEY & HOLLY J. WILEY	03-L4-2.4
RR	DORA M. MCCARDLE	03-L4-105.13
SS	ARLIE R. MCCARDLE, JR. & BOND B. MCCARDLE	03-L4-105.17
TT	MICHAEL D. WINIESDORFFER & G.L. WINIESDORFFER	03-L4-55
UU	WILLIAM N. HOGAN, JR. & S.C. HOGAN	03-L4-28
VV	RICHARD T. CROW & P.K. CROW	03-L4-27
WW	RICHARD T. CROW & P.K. CROW	03-L4-26
XX	TIMOTHY J. FLATLEY & JULIANNA K. FLATLEY	03-L4-29
YY	NATHANIEL S. CHASE	03-L4-29.1
ZZ	NATHANIEL S. CHASE	03-L4-32
AAA	CLARENCE KLEMM	03-L4-34
BBB	PAUL L. BORON & KATHLEEN R. BARON	03-L4-36
CCC	LOUIS P. SHIPLEY	03-L4-37
DDD	PAUL L. BORON & KATHLEEN R. BORON	03-L4-61
EEE	PAUL L. BORON & KATHLEEN R. BORON	03-L4-60
FFF	JOSEPH VERBA & JACQUELYN MCCOY	03-L4-59
GGG	JOSEPH VERBA & JACQUELYN MCCOY	03-L4-63.1
HHH	KEITH B. WOODRUFF II & G.I. WOODRUFF	03-L4-63
III	KEITH B. WOODRUFF II & G.I. WOODRUFF	03-L4-65
JJJ	CLARENCE J. MOORE & K.S. MOORE	03-L4-67
KKK	EDWARD J. CIHY & LINDA K. CIHY	03-L4-68
LLL	JACK RUSSELL WEST	03-L4-70
MMM	DAVID M. WEAVER & BETH R. WEAVER	03-L4-53
NNN	GARY WAYNE WILLIAMS	03-L4-72
OOO	DAVID R. KELLER & MARTIE A. KELLER	03-L4-13.2

REVISIONS:	COMPANY:		
			
	OPERATOR'S	DALLAS HALL OHI	API NUMBER:
	WELL #:	205H	47-069-00279
	DISTRICT:	COUNTY:	STATE:
	LIBERTY	OHIO	WV
			DATE: 07-09-2019
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 3

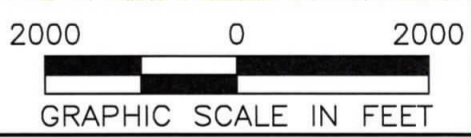
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304-623-5851



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.133310°
LONGITUDE: -80.612900°

BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.157419°
LONGITUDE: -80.617661°



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.
4. 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
- AS DRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: DALLAS HALL OHI	WELL # 205H	SERIAL #
ADDRESS: 1300 FORT PIERPONT RD. SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT; LIBERTY	
SURFACE OWNER: AGNES L. HALL	USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV	API # 047-069-00279	