

Latitude: 40°10'00" SURFACE HOLE 8,263'

Latitude: 40°10'00" BOTTOM HOLE 10,332'

JACKSON SURVEYING INC.

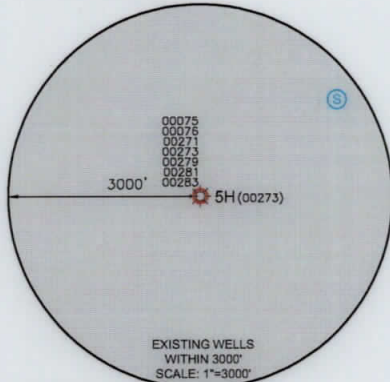
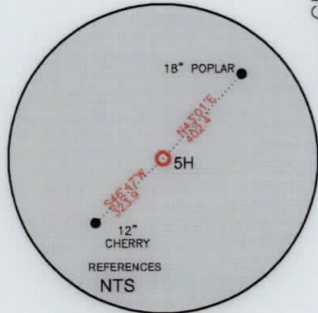
2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 11°19'10" E	1109.37'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	N 56°18'59" E	1455.85'	SHL TO LANDMARK	36" BLACK CHERRY
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 25°02'08" E	814.55'	1284.32'	SHL TO LP

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,628.350 EASTING: 532,979.570
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,809.950 EASTING: 533,097.770
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,179.730 EASTING: 532,333.840

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,628.265 EASTING: 532,979.505
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,853.214 EASTING: 533,084.569
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,179.379 EASTING: 532,336.772

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.

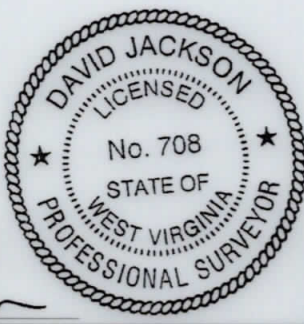
NOTES ON SURVEY

- 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.

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. 708

David L Jackson



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)

DALLAS HALL OHI
 OPERATOR'S WELL #: 5H
 API WELL #: **47 069 00273**
 STATE COUNTY PERMIT

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

WATERSHED: SHORT RUN-OHIO RIVER (HUC-10) ELEVATION: 1274.5'

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: 6,140 TVD 14,680 TMD



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

LEGEND:	<ul style="list-style-type: none"> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ★ EXISTING / PRODUCING WELLHEAD LPL★ LANDING POINT LOCATION ⊙ EXISTING WATER WELL ⊕ EXISTING SPRING — SURVEYED BOUNDARY — DRILLING UNIT == LEASE BOUNDARY — ASDRILLED PATH — PROPOSED PATH 	REVISIONS: DATE: 07-09-2019 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT
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**JACKSON SURVEYING
INC.**

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



REVISIONS:	COMPANY:		 		
	OPERATOR'S	DALLAS HALL OHI		API NUMBER:	DATE: 07-09-2019
	WELL #:	5H		47-069-00273	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A	
	LIBERTY	OHIO	WV	DRAWING NO:	
					WELL LOCATION PLAT 2



**JACKSON SURVEYING
INC.**

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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	DAVID M. WEAVER & BETH R. WEAVER (S)	03-L4-15
3	LILLIAN W. BROWN TRUST (S)	03-L4-1.1
4	PAUL M. MCKAY & DEBORAH A. MCKAY (S)	03-L4-01
5	PAUL M. MCKAY & DEBORAH A. MCKAY (S)	04-R9-51
6	JOHN C. RATCLIFFE (S)	04-R9-22.20
7	JOHN C. RATCLIFFE (S)	04-R9-22.21
8	CARLA DIETRICH (S)	04-R9-21
9	CARLA DIETRICH (S)	04-R9-21.1
10	ADAM J. SHUBA (S)	04-R6-35

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MARY HELEN CLISER, TRUSTEE	03-L7-02
B	WHITAKER REVOCABLE FAMILY TRUST	03-L7-27
C	AGNES L. HALL	03-L7-01
D	AGNES L. HALL	03-L7-20
E	AGNUS J. HALL	03-L7-21.1
F	JOHN R. PYLE, SR. & T.A. PYLE	04-R12B-1.1
G	STEVE KELLAS	04-R12B-1.5
H	MATHEW H. GOSSETT	04-R12B-01
I	GEORGE STROMATOS	03-L4-24
J	GEORGE STROMATOS	03-L4-24.1
K	GEORGE STROMATOS	03-L4-24.2
L	DAVID G. RUTHERS & LINDA F. RUTHERS	03-L4-22
M	YE M. HLA & EI E. MYINT	03-L4-20
N	ERIC N. BLEND	03-R12B-02
O	JAMES W. FRIO & KAREN L. FRIO	04-R9-47
P	S.A. WARREN & W.S. WARREN	04-R9-46
Q	DAVID W. SONNEFELD & TERRI A. SONNEFELD	04-R9-45
R	DAVID W. SONNEFELD & TERRI A. SONNEFELD	04-R9-44
S	TYLER P. BECK	04-R9-43
T	MARK E. PISSOS & J.L. PISSOS	04-R9-42
U	GARY S. LATOS & C.M. LATOS	04-R9-41
V	CLARK PAJAK & SHARON L. PAJAK	04-R9-32.1
W	CLARK PAJAK & SHARON L. PAJAK	04-R9-28
X	RCK 2 GROUP, LLC	04-R9-27
Y	LA DONNA MARTIN EVANS	04-R9-3.5
Z	WESBANCO TRUST & INVESTMENT SERVICE	04-R9-16.1
AA	CLAIRE M. CAENEY	04-R9-03
BB	MARK J. SWIGER & DAWN S. SWIGER	04-R9-22.15
CC	GEORGE E. WOOD & CAROL A. WOOD	04-R9-22.16
DD	JOHN C. RATCLIFFE & KATHY J. RATCLIFFE	04-R9-22.17
EE	JEFFREY C. TAYLOR & GINGER K. TAYLOR	04-R9-22.18
FF	JEFFREY C. TAYLOR & G.K. TAYLOR	04-R9-20
GG	LARRY BOYNES & TERRY BOYNES	04-R9-22.9
HH	ROBERT L. JEWELL II & JENNIFER J. JEWELL	04-R6-40
II	RALPH D. ROBINSON, JR. & GRACE A. ROBINSON	04-R6-27

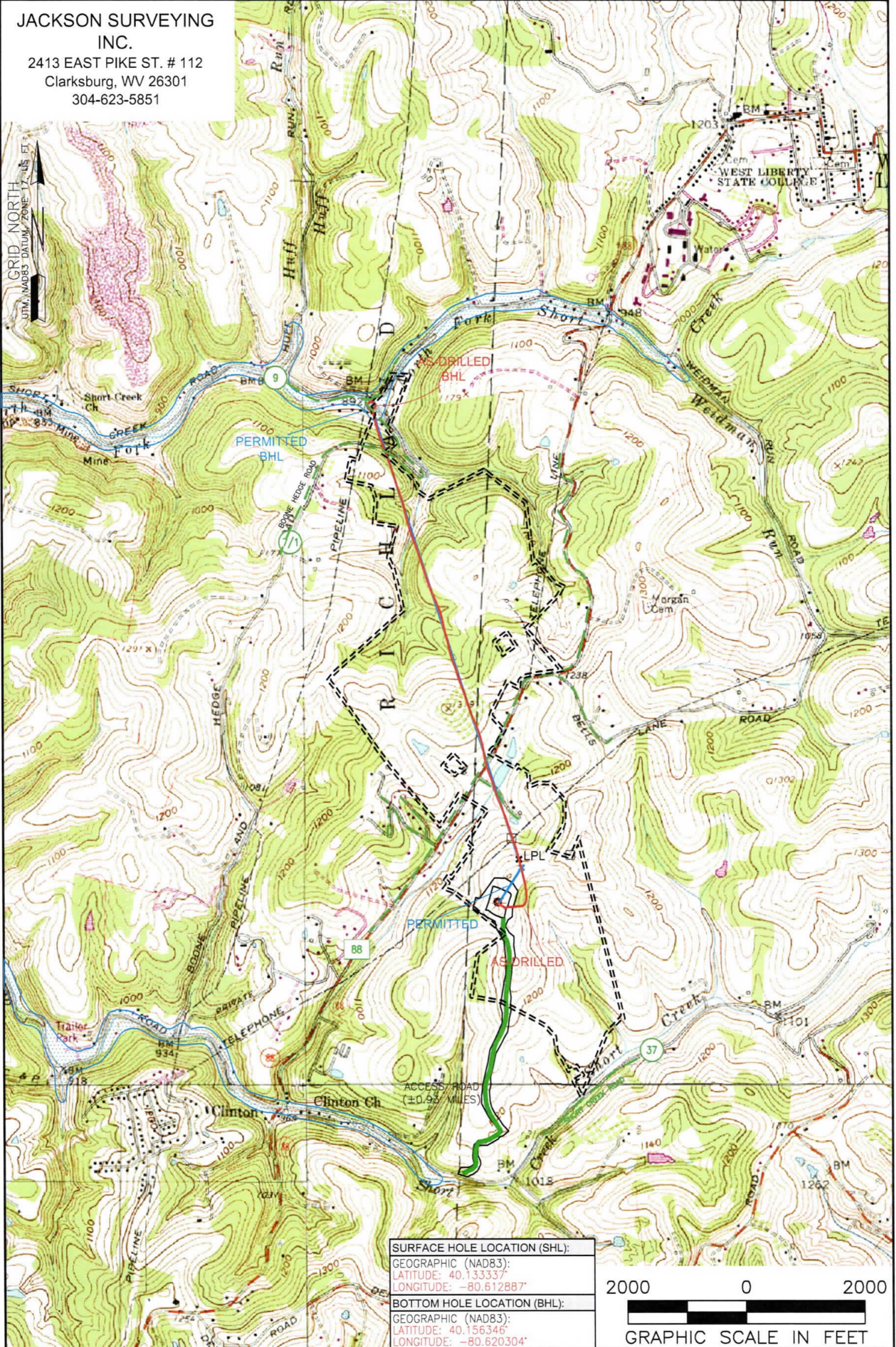
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
JJ	RANDALL L. CRABTREE & CYNTHIA KOVALSKI	04-R6-27.4
KK	CHARLES J. ROBINSON (LE), RANDALL CRABTREE	04-R6-27.2
LL	CALVARY BAPTIST CHURCH TRUSTEES	04-R6-35.1
MM	ELIZABETH L. HONECKER & ELIZABETH H. HESTICK	04-L1-42
NN	FEDERAL HOME LOAN MORTGAGE CORPORATION	04-R9-24
OO	FEDERAL HOME LOAN MORTGAGE CORPORATION	04-R9-24.1
PP	ELIZABETH R. HONECKER C/O JANET L. HONECKER (L/E)	04-R9-124
QQ	PAUL M. MCKAY & DEBORAH A. MCKAY, JANET L. HONECKER	04-R9-123
RR	RACHEL ANN SINCAVICH	03-L4-02
SS	PAUL M. MCKAY	03-L4-1.6
TT	DOUGLAS E. FARMER, JR. & CHRISTINA J. FARMER	03-L4-2.1
UU	REGINA L. FARMER & CLARENCE S. FARMER, JR.	03-L4-2.7
VV	DONALD FRAZIER & LINDA FRAZIER	03-L4-2.2
WW	THOMAS E. WILEY & HOLLY J. WILEY	03-L4-2.4
XX	DORA M. MCCARDLE	03-L4-105.13
YY	ARLIE R. MCCARDLE, JR. & BOND B. MCCARDLE	03-L4-105.17
ZZ	MICHAEL D. WINESDORFFER & G.L. WINESDORFFER	03-L4-55
AAA	WILLIAM N. HOGAN, JR. & S.C. HOGAN	03-L4-28
BBB	RICHARD T. CROW & P.K. CROW	03-L4-27
CCC	RICHARD T. CROW & P.K. CROW	03-L4-26
DDD	FRANK J. HARRAR & ISABEL W. HARRAR (LE), MARY ANN HARRAR, ET AL	03-L4-04
EEE	THOMAS M. HARDMAN & KELSEY R. GOLD	03-L4-1.4
FFF	JOHN A. POWELL & MICHELLE L. POWELL	03-L4-1.5
GGG	REBECCA L. BLAKE	03-L4-1.2
HHH	REBECCA L. BLAKE	03-L4-1.7
III	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-10.1
JJJ	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-10
KKK	JAMES F. ROSE & ANN C. ROSE	03-L4-12
LLL	JAMES F. ROSE & ANN C. ROSE	03-L4-14
MMM	ROBERT E. BROWN	03-L4-1.3
NNN	DAVID M. WEAVER & BETH R. WEAVER	03-L4-13
OOO	CATHERINE EVANS & DAVID EVANS	03-L4-13.1

REVISIONS:	COMPANY:	 		
	OPERATOR'S	DALLAS HALL OHI	API NUMBER:	DATE: 07-09-2019
	WELL #:	5H	47-069-00273	DRAWN BY: N. MANO
	DISTRICT:	LIBERTY	COUNTY:	SCALE: N/A
			STATE:	DRAWING NO:
			WV	WELL LOCATION PLAT 3

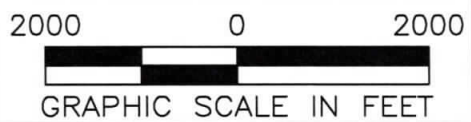
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Clarksburg, WV 26301
304-623-5851

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.133337°
LONGITUDE: -80.612887°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.156346°
LONGITUDE: -80.620304°



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
- PROPOSED PATH
- ASDRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: DALLAS HALL OHI	WELL # 5H	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 # 047-069-00273	