

Latitude: 40°10'00"

SURFACE HOLE 8,260'

Latitude: 40°10'00"

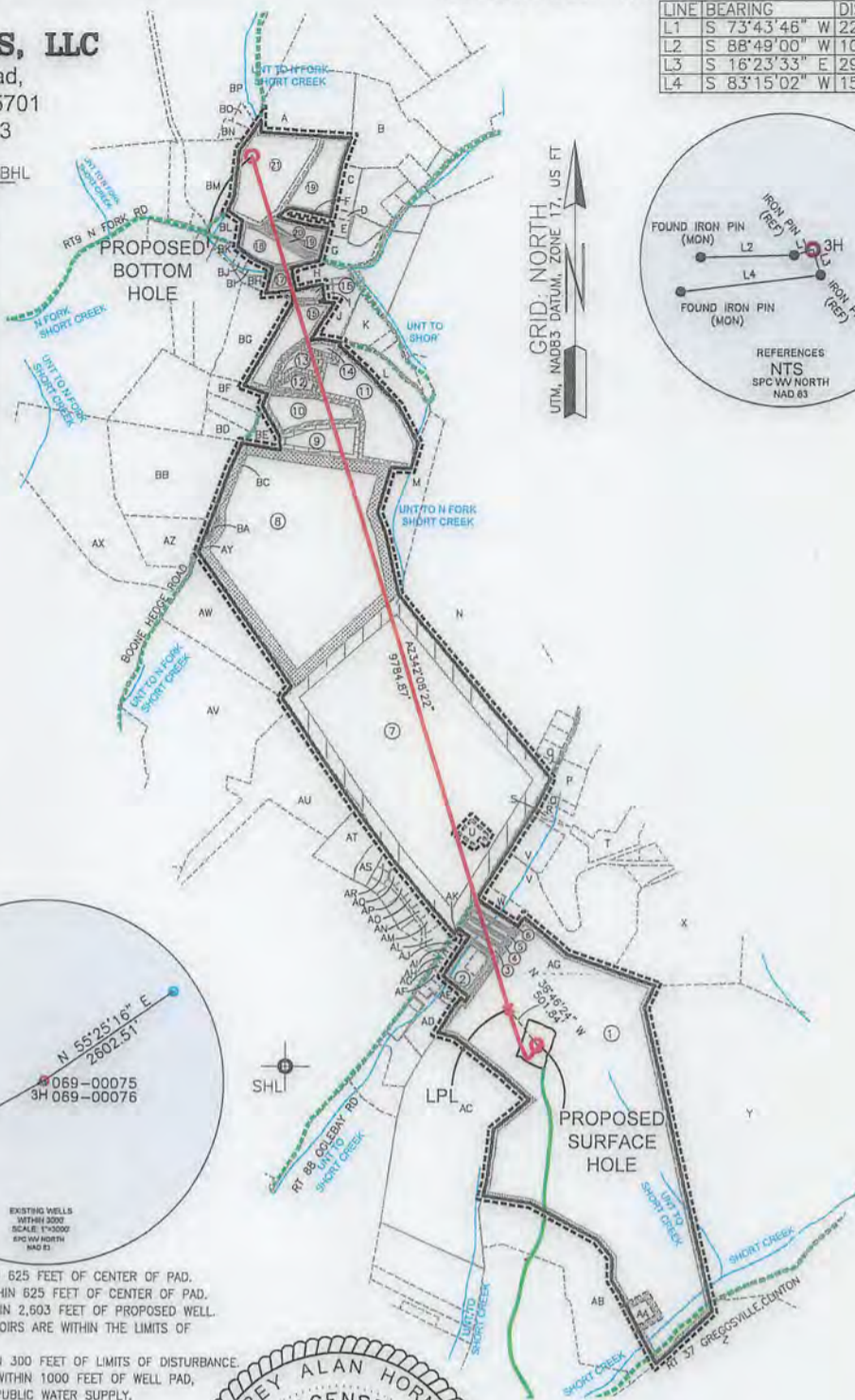
BOTTOM HOLE 11,537'

# ELK LAKE SERVICES, LLC

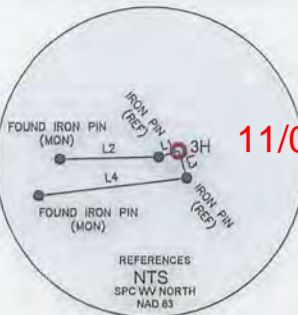
280 Indian Springs Road,  
Suite 123 Indiana, PA 15701  
Phone: (724) 463-7303

LINE	BEARING	DISTANCE
L1	S 73°43'46" W	222.75'
L2	S 88°49'00" W	1030.08'
L3	S 16°23'33" E	292.38'
L4	S 83°15'02" W	1556.87'

<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,631.21 EASTING: 532,980.62
<b>LANDING POINT (LPL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,748.79 EASTING: 532,882.88
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,587.49 EASTING: 531,968.16



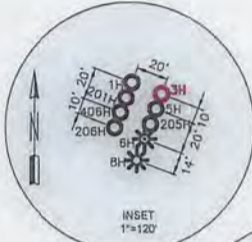
GRID: NORTH  
UTM, NAD83 DATUM, ZONE 17, US FT



Longitude: 80°35'00" BOTTOM HOLE 2445'

SURFACE HOLE 12133'

Longitude: 80°35'00"



EXISTING WELLS WITHIN 2000 FEET SCALE: 1"=2000' SPC W/ NORTH NAD 83

### WELL RESTRICTIONS

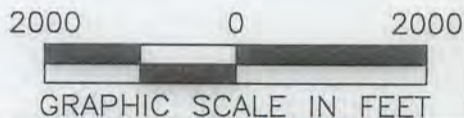
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 2,603 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS ARE WITHIN THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. 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

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.

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



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

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL &amp; GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: SWN Production Company, LLC OPERATOR'S WELL #: DALLAS HALL OHI 3H API WELL #: 47 STATE 69 COUNTY H6A DD271 mod PERMIT
	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 DISTRICT: LIBERTY COUNTY: OHIO COUNTY SURFACE OWNER: HALL AGNES L OIL & GAS ROYALTY OWNER: HALL AGNES L
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"/>	CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)	TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,134' TVD 16,272' TMD
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:	
	PROPOSED SURFACE HOLE / BOTTOM HOLE
	EXISTING / PRODUCING WELLHEAD
	LANDING POINT LOCATION
	EXISTING WATER WELL
	EXISTING SPRING
	SURVEYED BOUNDARY
	DRILLING UNIT
	LEASE BOUNDARY
	PROPOSED PATH

REVISIONS:	DATE: 06-14-2018
	FILE NO: 17-033
	DRAWN BY: N. LASSAK
	SCALE: 1" = 2000'
	DRAWING NO: 1
	WELL LOCATION PLAT 1

# ELK LAKE SERVICES, LLC



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

11/09/2018

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER / ROYALTY OWNER	TAX PARCEL
1	AGNES L HALL	3-L7-0019
TRACT	SURFACE OWNER	TAX PARCEL
2	MATTHEW H GOSSETT	4-R12B-1
3	GEORGE STROMATOS	3-L4-24
4	GEORGE STROMATOS	3-L4-24-1
5	GEORGE STROMATOS	4-L4-24-2
6	DAVID & LINDA RUTHERS	3-L4-22
7	TRUST FOR LILLIAN W BROWN	3-L4-1-1
8	CLAIRE M CAVENY	4-R9-3
9	MARK & DAWN SWIGER	4-R9-22-15
10	GEORGE & CAROL WOOD	4-R9-22-16
11	JOHN C & KATHY J RATCLIFFE	4-R9-22-20
12	JOHN C & KATHY J RATCLIFFE	4-R9-22-17
13	JEFFREY C & GINGER K TAYLOR	4-R9-22-18
14	JEFFREY C & GINGER K TAYLOR	4-R9-20
15	RODNEY & RHONDA HALEY	4-R9-22-8
16	JOSHUA M Klapka	4-R9-19
17	BRANDON C & CYNTHIA A GALLOWAY	4-R6-39-1
18	LESLIE A HUNT	4-R6-29
19	NICOLE L CARENBAUER	4-R6-28-6
20	DOUGLAS A & JACQUELINE R HUDSON	4-R6-28-7
21	WINDELL H II & GLADYS GOFF	4-R6-24-3

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WINDELL H II & GLADYS GOFF	4-R6-27.1
B	CRABTREE, RANDALL L & KOVALSKI CYNTHIA S	4-R6-27.3
C	CRABTREE, RANDALL	4-R6-28.8
D	CRABTREE, RANDALL	4-R6-28.9
E	RALPH & GRACE ROBINSON	4-R6-28.2
F	HUDSON DOUGLAS & JACQUELINE	4-R6-28.3
G	RALPH & GRACE ROBINSON	4-R6-27
H	ROBERT & JENNIFER JEWELL	4-R6-40
I	VELMA L TAGGART	4-R9-18
J	LARRY & TERRY BOYNES	4-R9-22-9
K	CARLA DIETRICH	4-R9-21-1
L	JOHN C RATCLIFFE	4-R9-22-21
M	PAUL & DEBORAH MCKAY	4-R9-51
N	PAUL & DEBORAH MCKAY	3-L4-1
O	REBECCA L BLAKE	3-L4-1-7
P	PAUL & DEBORAH MCKAY	3-L4-10-1
Q	PAUL & DEBORAH MCKAY	3-L4-10
R	JAMES & ANN ROSE	3-L4-12
S	JAMES & ANN ROSE	3-L4-14
T	DAVID & BETH WEAVER	3-L4-13
U	ROBERT E BROWN	3-L4-1-3
V	DAVID & BETH WEAVER	3-L4-15
W	YE M HLA (AKA DANIEL HLA) & EI E MYINT	3-L4-20
X	DAVID & CATHERINE EVANS	3-L4-13-1
Y	MARY HELEN CLISER	3-L7-2
Z	LINDA WHITAKER, TRUSTEE FOR THE WHITAKER FAMILY TRUST	3-L7-27
AA	AGNES L HALL	3-L7-1
AB	AGNES L HALL	3-L7-20
AC	AGNES L HALL	3-L7-21-1
AD	JOHN & T A PYLE	4-R12B-1-1
AE	STEVE KELLAS	4-R12B-1-5
AF	MARK A KOZUSNIK	4-R12B-1-8
AG	DAVID & ESTELLA TAYLOR	4-R12B-4
AH	DAVID & ESTELLA TAYLOR	4-R12B-1-7
AI	PATRICIA MERCER	4-R12B-3
AJ	LARRY & JANE BECK	4-R12B-7
AK	ERIC BLEND	4-R12B-2
AL	JAMES & KAREN FRIO	4-R9-47
AM	STEPHANIE A WARREN & WILLIAM S LITMAN	4-R9-46
AN	DAVID & TERRI SONNEFELD	4-R9-45
AO	DAVID & TERRI SONNEFELD	4-R9-44
AP	TYLER P BECK	4-R9-43
AQ	MARK E & JL PISSOS	4-R9-42
AR	GARY & CM LATOS	4-R9-41
AS	CLARK & SHARON PAJAK	4-R9-32-1
AT	CLARK & SHARON PAJAK	4-R9-28
AU	RCK 2 GROUP LLC KAYLEEN FITZSIMMONS	4-R9-27
AV	STACEY D EVANS	4-R9-3-5
AW	WESBANCO TRUST & INVESTMENT SERVICE, TRUSTEE OF THE MARY JACQUELINE CARENBAUER TRUST	4-R9-16-1
AX	JORDAN & GAYLE WEBER	4-R9-9
AY	CLAIRE M CAVENY	4-R9-10-2
AZ	DAVID & LM MAIN	4-R9-10
BA	DAVID B & LISA M MAIN	4-R9-3-6
BB	DAVID & LM MAIN	4-R9-10-1
BC	CLAIRE CAVENY	4-R9-10-3
BD	CHARLES & PHYLLIS KELLAM	4-R9-22-13
BE	MARK & DAWN SWIGER	4-R9-22-14
BF	CHARLES & PHYLLIS KELLAM	4-R9-22-11
BG	JAMES & KATHY WEST	4-R9-22-7
BH	BRANDON & CYNTHIA GALLOWAY	4-R6-39-2
BI	EDWARD SMITH	4-R6-39-4
BJ	ROBERT OCHSENBEIN	4-R6-39-3
BK	JUSTINE D CRUPE	4-R6-38
BL	RANDALL LEE CRABTREE	4-R6-24
BM	WOOD, RICHARD A JR	4-R6-24.6
BN	WINDSOR COAL COMPANY	4-R6-25
BO	BRYAN, STELLA M, KATHLEEN J	4-R6-17.1
BP	RAYLE COAL CO	4-R6-17

H6A  
47-069-00271MOD

REVISIONS:	COMPANY:	 	
	OPERATOR'S	DALLAS HALL	DATE: 06-14-2018
	WELL #:	3H	FILE NO: 17-033
	DISTRICT:	LIBERTY	DRAWN BY: N. LASSAK
	COUNTY:	OHIO COUNTY	SCALE: N/A
	STATE:	WV	DRAWING NO: 1
			WELL LOCATION PLAT 1