

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' |

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

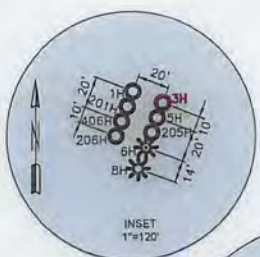


10/05/2018

Longitude: 80°35'00" BOTTOM HOLE 24.5'

SURFACE HOLE 121.33'

Longitude: 80°35'00"



WELL RESTRICTIONS

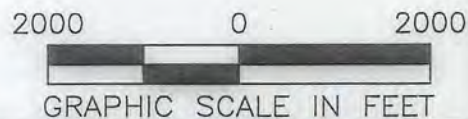
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 2,603 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS ARE WITHIN THE LIMITS OF DISTURBANCE.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



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| (+) 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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT) | COMPANY: SWN Production Company, LLC DALLAS HALL OHI OPERATOR'S WELL #: 3H API WELL #: 47 STATE 69 COUNTY 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 |

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| 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 |
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| LEGEND: ● PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL* LANDING POINT LOCATION (W) EXISTING WATER WELL (S) 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 |
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ELK LAKE SERVICES, LLC



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Suite 123 Indiana, PA 15701
Phone: (724) 463-7303

10/05/2018

| 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 CAENEY | 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 CAENEY | 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 CAENEY | 4-R9-10-3 |
| BD | CHARLES & PHYLLIS KELLAM | 4-R9-22-13 |
| BE | MARK & DAWN SWIGER | 4-R9-22-14 |
| BF | CHARLES & PHYLISS 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 |

47-069-00271 MOD

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