



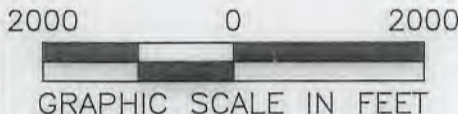
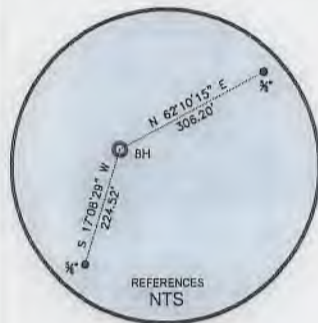
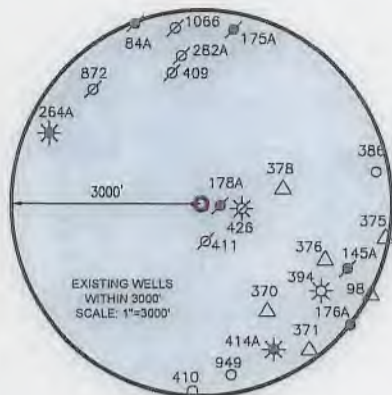
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
600 MARKETPLACE AVENUE, SUITE 200
BRIDGEPORT, WV 26330
304-933-3119

| WELL BORE TABLE FOR SURFACE OWNERS | | |
|------------------------------------|---|---------------|
| TRACT | SURFACE OWNER | TAX PARCEL |
| 1 | CHARLES AND JEAN JAMISON | 07-007-0006 |
| ADJOINING OWNERS TABLE | | |
| TRACT | SURFACE OWNER | TAX PARCEL |
| A | DONALD L. ZWICK SR. ET UX-LIFE | 07-007-0012 |
| B | TIMOTHY R. CAIN ET UX | 07-007-0006.1 |
| C | TIMOTHY R. CAIN ET UX | 07-007-0006.2 |
| D | CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPARTMENT | 07-007-0006.3 |
| E | CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPARTMENT | 07-007-0007 |
| F | KENNETH WAYNE STEELE | 07-007-0008.1 |
| G | KENNETH WAYNE STEELE | 07-007-0011 |

| LINE | BEARING | DISTANCE | DESCRIPTION | MONUMENT |
|------|---------------|----------|-----------------|---------------------|
| L1 | S 17°49'39" W | 940.24' | SHL TO LANDMARK | 3/4" IRON ROD FOUND |
| L2 | S 12°42'27" W | 756.47' | SHL TO LANDMARK | 3/4" IRON ROD FOUND |
| L3 | S 06°46'46" W | 771.84' | SHL TO LANDMARK | WELL 411 |

02/08/2019

GRID NORTH
UTM, NAD83, ZONE 17



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,404,732.948
EASTING: 533,594.592



WELL RESTRICTIONS

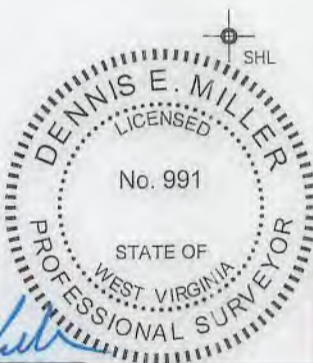
1. NO OCCUPIED DWELLINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 625 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 800 FEET OF THE LIMITS 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.
4. 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. 991



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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

OPERATOR'S WELL #: 8

API WELL #: 47 STATE 051 COUNTY 02127 PERMIT

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

WATERSHED: MAGGOTY RUN ELEVATION: 1335.0' Proposed

DISTRICT: LIBERTY DISTRICT COUNTY: MARSHALL QUADRANGLE: CAMERON

SURFACE OWNER: CHARLES AND JEAN JAMISON ACREAGE: 97.2±

OIL & GAS ROYALTY OWNER: CHARLES AND JEAN JAMISON ACREAGE: 97.2±

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: 7,213 TVD 7,213 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: P.O. BOX 1300 ADDRESS: P.O. BOX 1300

CITY: JANE LEW STATE: WV ZIP CODE: 26378 CITY: JANE LEW STATE: WV ZIP CODE: 26378

| LEGEND: | REVISIONS: | DATE: |
|---------------------------------------|------------|---------------------|
| ○ PROPOSED SURFACE HOLE / BOTTOM HOLE | | 08-16-2018 |
| ☼ EXISTING / PRODUCING WELLHEAD | | |
| LPL* LANDING POINT LOCATION | | |
| ⊙ EXISTING WATER WELL | | |
| ⊙ EXISTING SPRING | | |
| — SURVEYED BOUNDARY | | |
| — DRILLING UNIT | | |
| ==== LEASE BOUNDARY | | |
| — PROPOSED PATH | | |
| | | DRAWN BY: K.E.S. |
| | | SCALE: 1" = 2000' |
| | | DRAWING NO: 170-426 |
| | | WELL LOCATION PLAT |

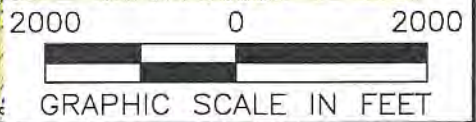
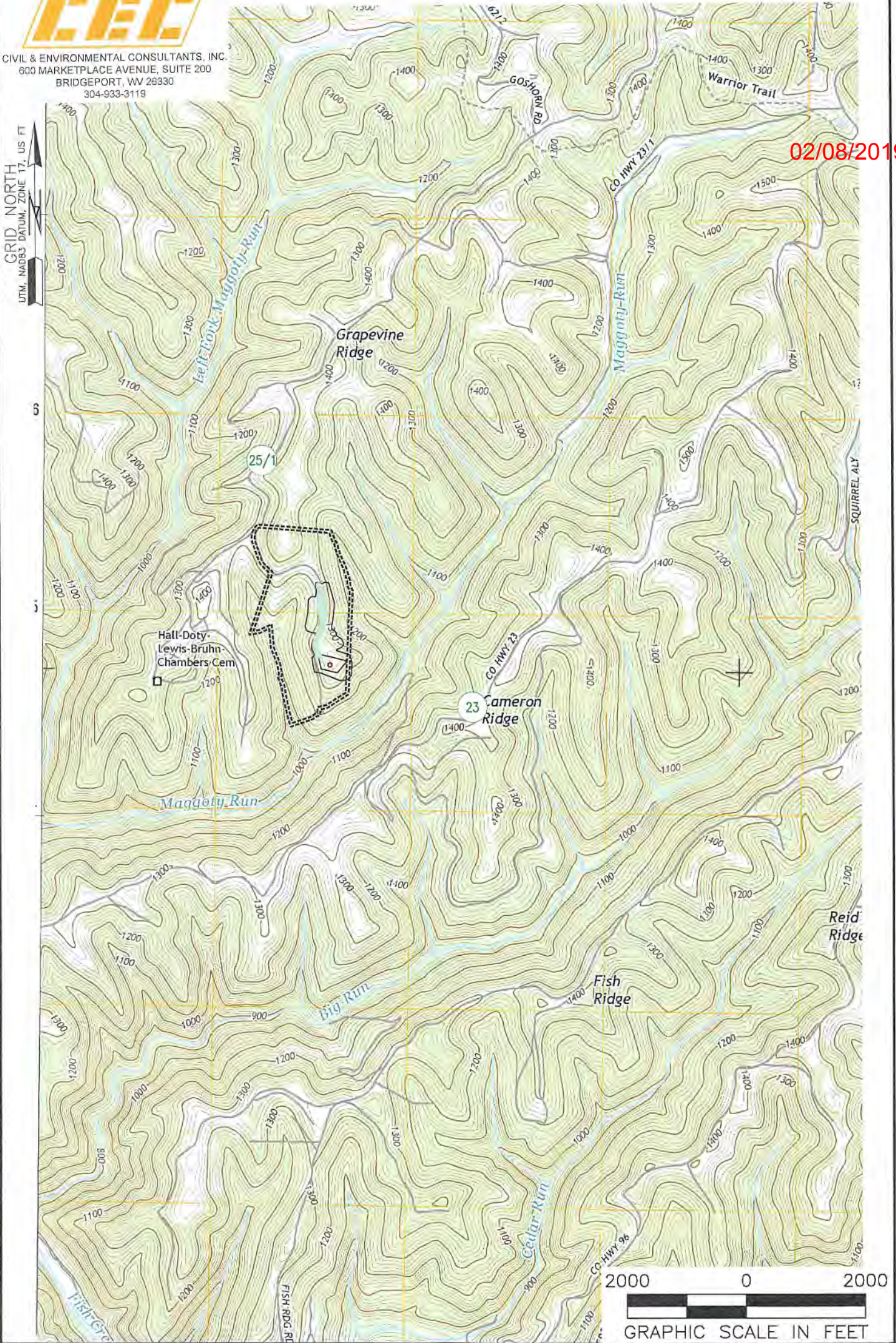
SURFACE HOLE 15085' Longitude: 80°35'00"



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

02/08/2019



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RECEIVED
Office of Oil and Gas
OCT 23 2018

LEGEND:

| | | | |
|--|-------------------------------------|--|---------------------------|
| | PROPOSED SURFACE HOLE / BOTTOM HOLE | | ACCESS ROAD |
| | EXISTING / PRODUCING WELLHEAD | | PUBLIC ROAD |
| | LANDING POINT LOCATION | | ACCESS ROAD TO PREV. SITE |
| | FLOOD PLAIN | | LEASE BOUNDARY |
| | | | PROPOSED PATH |

| | | | |
|---|---|-------------------------------|------------------|
| WELL OPERATOR: SWN PRODUCTION COMPANY, LLC | WELL (FARM) NAME: CHARLES JAMISON MSH | WELL # 8 | SERIAL # XXXX |
| ADDRESS: P.O. BOX 1300 JANE LEW, WV 26378 | COUNTY - CODE MARSHALL - 051 | DISTRICT; LIBERTY DISTRICT | |
| SURFACE OWNER: CHARLES AND JEAN JAMISON | USGS 7 1/2 QUADRANGLE MAP NAME CAMERON, WV | | |