

Longitude: 80°32'30"

SURFACE HOLE 8563'

Longitude: 80°35'00" BOTTOM HOLE

870'

Latitude: 40°15'00" SURFACE HOLE 1203'

BOTTOM HOLE 10919'

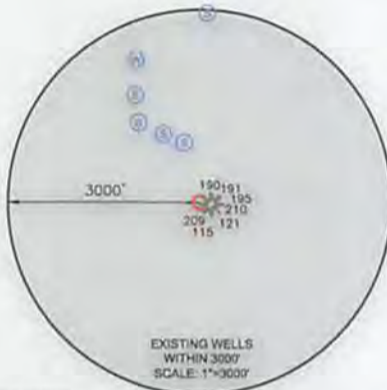
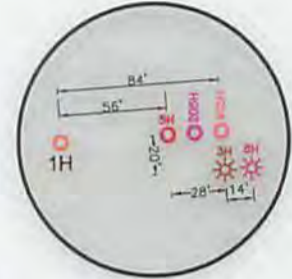
Latitude: 40°17'30"



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

| |
|--|
| SURFACE HOLE LOCATION (SHL): |
| UTM (NAD83, ZONE 17, METERS): NORTHING: 4,455,195.736 EASTING: 536,377.763 |
| LANDING POINT (LPL): |
| UTM (NAD83, ZONE 17, METERS): NORTHING: 4,455,191.666 EASTING: 535,992.230 |
| BOTTOM HOLE LOCATION (BHL): |
| UTM (NAD83, ZONE 17, METERS): NORTHING: 4,456,882.560 EASTING: 535,205.663 |
| PERMIT SURFACE HOLE LOCATION (SHL): |
| UTM (NAD83, ZONE 17, METERS): NORTHING: 4,455,195.789 EASTING: 536,377.789 |
| PERMIT LANDING POINT (LPL): |
| UTM (NAD83, ZONE 17, METERS): NORTHING: 4,455,045.562 EASTING: 536,071.870 |
| PERMIT BOTTOM HOLE LOCATION (BHL): |
| UTM (NAD83, ZONE 17, METERS): NORTHING: 4,456,885.134 EASTING: 535,210.074 |

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



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 957 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



AS-DRILLED

2000 0 2000

GRAPHIC SCALE IN FEET

COMPANY:

 Production Company, LLC Production Company™

(+) 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)

ALAN H DEGARMO BRK
 OPERATOR'S WELL #: 1H
 API WELL #: 47 009 00193
 STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1204.0
 DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: BETHANY
 SURFACE OWNER: ALAN H DEGARMO & MARY KAY DEGARMO, LIFE ESTATE ACREAGE: 140.97±
 OIL & GAS ROYALTY OWNER: ALAN H DEGARMO ACREAGE: 140.97±

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) **ASDRILLED** **07/20/2018**

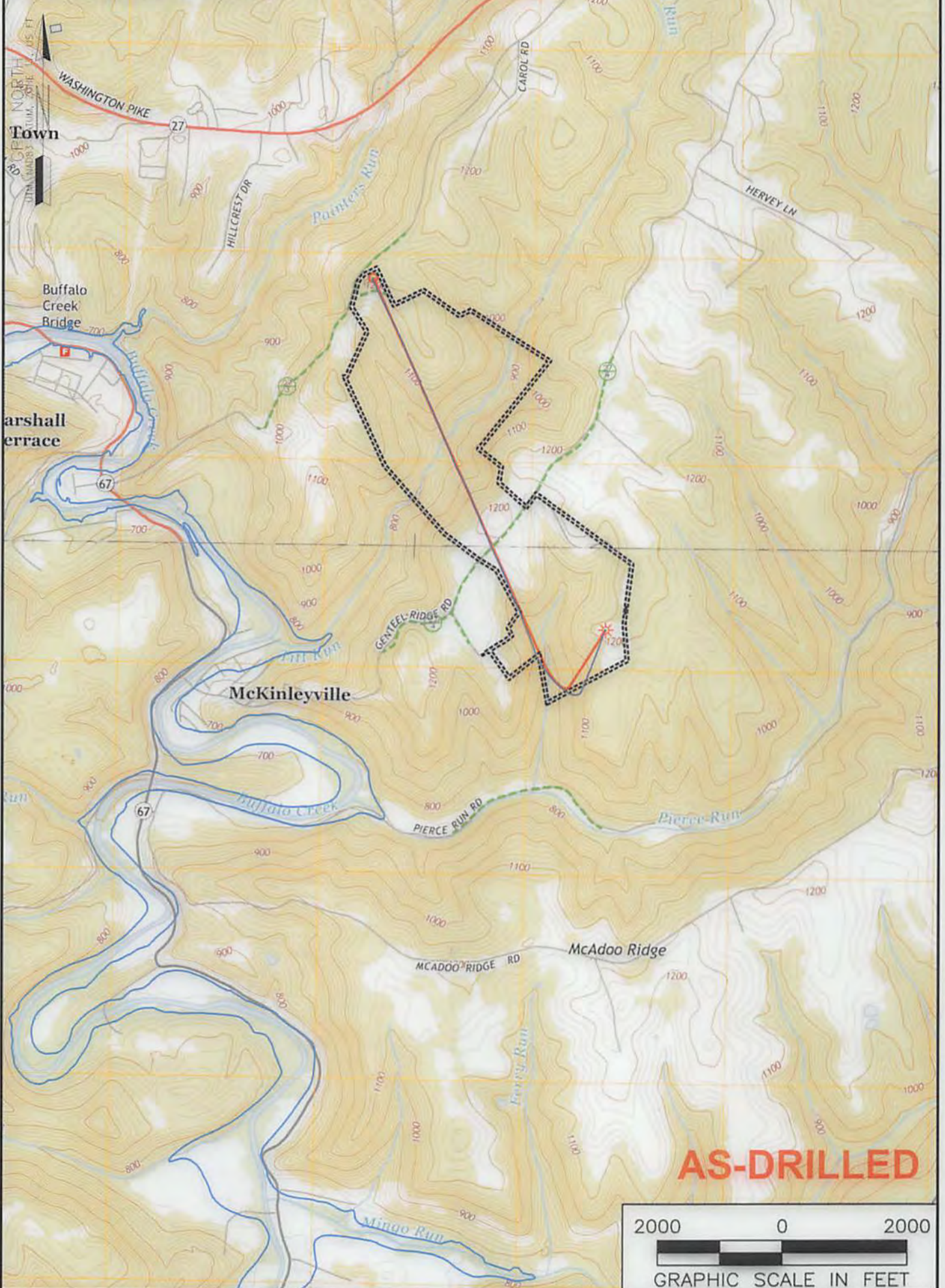
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,828.01 TVD 13,267 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: DEE SOUTHALL
 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: | SURVEYED BOUNDARY | REVISIONS: | DATE: 04-18-2018 |
| ○ PROPOSED SURFACE HOLE / BOTTOM HOLE | DRILLING UNIT | | |
| ★ EXISTING / PRODUCING WELLHEAD | LEASE BOUNDARY | | DRAWN BY: K.E.S. |
| LPL★ LANDING POINT LOCATION | ASDRILLED PATH | | SCALE: 1" = 2000' |
| ⊙ EXISTING WATER WELL | PROPOSED PATH | | DRAWING NO: 164-764 |
| ⊙ EXISTING SPRING | | | WELL LOCATION PLAT |



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



AS-DRILLED

07/20/2018

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★ LANDING POINT LOCATION
- FLOOD PLAN
- ACCESS ROAD
- - - PUBLIC ROAD
- - - ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

| | | | |
|--|---|----------------------|------------------|
| WELL OPERATOR: SWN PRODUCTION COMPANY, LLC | WELL (FARM) NAME: ALAN H DEGARMO BRK | WELL # 1H | SERIAL # XXXX |
| ADDRESS: P.O. BOX 1300 JANE LEW, WV 26378 | COUNTY - CODE BROOKE - 009 | DISTRICT; BUFFALO | |
| SURFACE OWNER: ALAN H DEGARMO & MARY KAY DEGARMO, LIFE ESTATE | USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV | | |