



**SURVEYORS
ENGINEERS
ENVIRONMENTAL
GIS MAPPING**

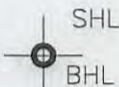
www.jhacompanies.com
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100



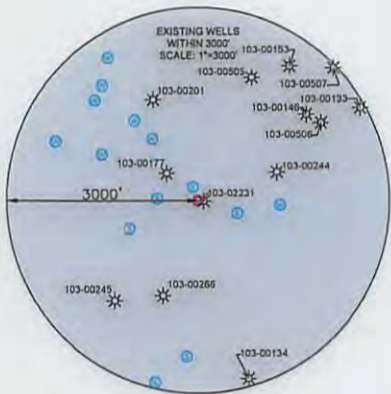
NOTES ON SURVEY

1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. 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.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD
5. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.

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



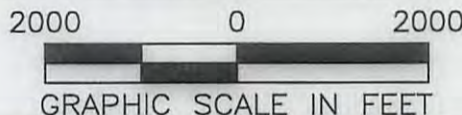
LINE	BEARING	DISTANCE
L1	N 51°49'23" E	1675.38'
L2	S 18°24'24" E	628.31'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4394148.25 EASTING: 525092.90
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4394148.25 EASTING: 525092.90

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	ALBERT L. HOHMAN & MARY HOHMAN (TRUSTEES OF THE HOHMAN REVOCABLE TRUST, DATED AUGUST 8, 2014) (S/R)	12-8-12

TRACT	SURFACE OWNER	TAX PARCEL
A	JOSEPH & SUSANNA VILLERS (LIFE ESTATE) AND ROBERT FRANCIS VILLERS (REMAINDERMAN)	12-8-11.1
B	PATRICK A. SCHEIBELHOOD; THEODORE N. SCHEIBELHOOD; EDWARD L. SCHEIBELHOOD; THERESA SHUTLER; CLARA SCHEIBELHOOD; MARGARET SCHEIBELHOOD; MARSHA ECHARD; MARK SCHEIBELHOOD; MATTHEW SCHEIBELHOOD; & NICHOLAS SCHEIBELHOOD	12-9-1
C	MARGARET, SUE KELLEY	12-9-17
D	PATRICK A. SCHEIBELHOOD; THEODORE N. SCHEIBELHOOD; EDWARD L. SCHEIBELHOOD; THERESA SHUTLER; CLARA SCHEIBELHOOD; MARGARET SCHEIBELHOOD; MARSHA ECHARD; MARK SCHEIBELHOOD; MATTHEW SCHEIBELHOOD; & NICHOLAS SCHEIBELHOOD	12-9-16
E	LOIS J. ESTEP	12-8-25
F	ALBERT L. HOHMAN & MARY L. HOHMAN, TRUSTEES OF THE HOHMAN REVOCABLE LIVING TRUST DATED AUGUST 8, 2014; JOSEPH A. HOHMAN & DEBRA K. HOHMAN, HIS WIFE	12-8-24
G	ALBERT L. HOHMAN & MARY L. HOHMAN, TRUSTEES OF THE HOHMAN REVOCABLE LIVING TRUST DATED AUGUST 8, 2014; JOSEPH A. HOHMAN & DEBRA K. HOHMAN, HIS WIFE	12-8-24.3
H	ALBERT L. HOHMAN & MARY L. HOHMAN, TRUSTEES OF THE HOHMAN REVOCABLE LIVING TRUST DATED AUGUST 8, 2014; JOSEPH A. HOHMAN & DEBRA K. HOHMAN, HIS WIFE	12-8-10
I	STEVEN RAYMOND HOHMAN & CATHERINE A. HOHMAN, HUSBAND AND WIFE	12-8-11.3



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. 2041 *[Signature]* 3-19-18

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)

ALBERT-MARY HOHMAN
OPERATOR'S WELL #: 1
API WELL #: 47 103 02231
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,298.4'-CONFIRMED GROUND ELEVATION

DISTRICT: PROCTOR COUNTY: WETZEL QUADRANGLE: WILEYVILLE, WV

SURFACE OWNER: ALBERT L. HOHMAN & MARY HOHMAN (TRUSTEES OF THE HOHMAN REVOCABLE TRUST) ACREAGE: ±104.48

OIL & GAS ROYALTY OWNER: ALBERT L. HOHMAN & MARY HOHMAN (TRUSTEES OF THE HOHMAN REVOCABLE TRUST) ACREAGE: ±104.48

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) REWORK

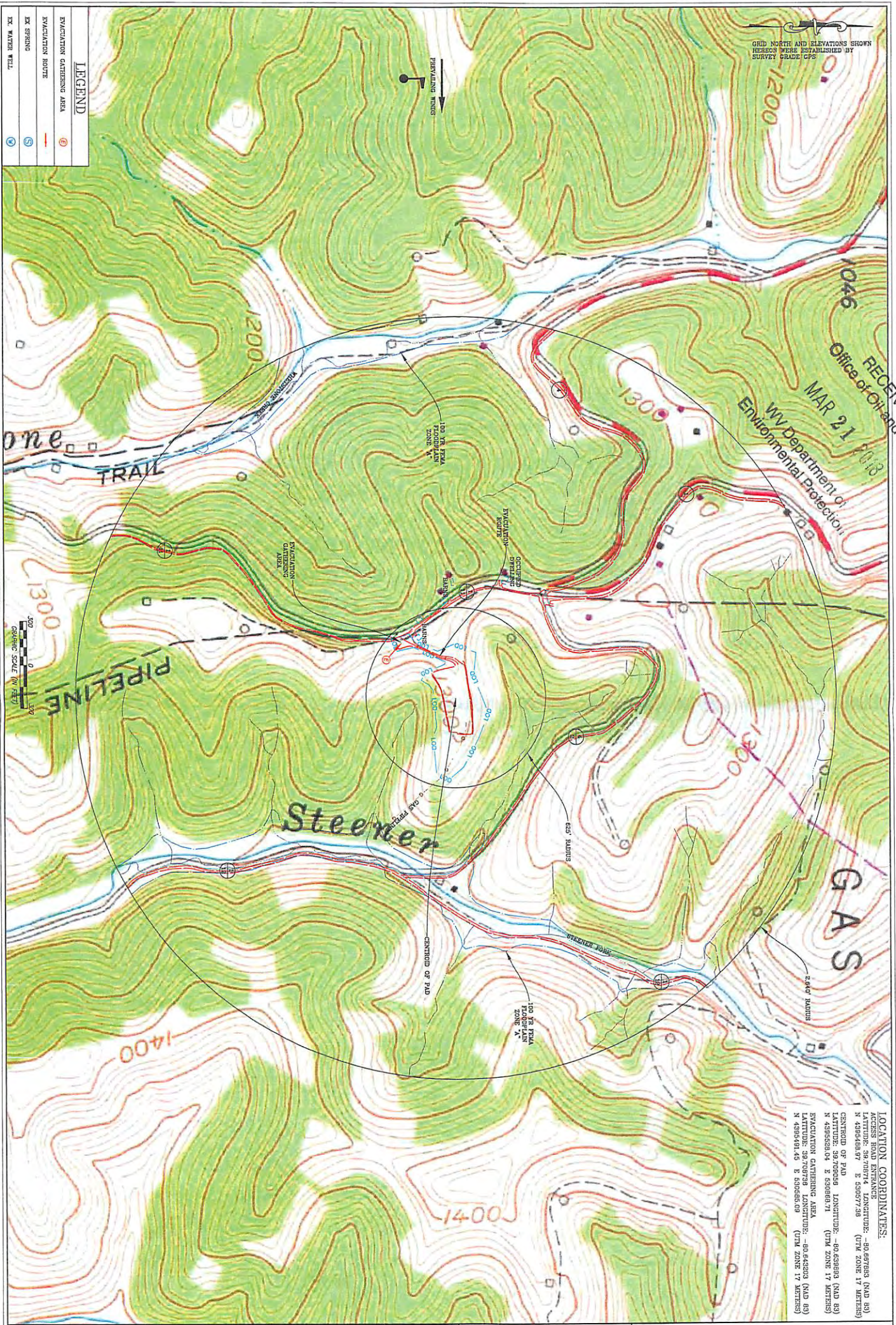
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 9,910' 04/27/2018

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: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL * LANDING POINT LOCATION ⊙ EXISTING WATER WELL ⊙ EXISTING SPRING	LEGEND: — SURVEYED BOUNDARY - - - DRILLING UNIT - - - LEASE BOUNDARY - - - PROPOSED PATH	REVISIONS:	DATE: 03-19-2018
			DRAWN BY: D.REED
			SCALE: 1" = 2000'
			DRAWING NO: 2018-236
			WELL LOCATION PLAT

LONGITUDE: -80°40'00" BOTTOM & SURFACE HOLE

GRID NORTH AND ELEVATIONS SHOWN
HEREIN WERE ESTABLISHED BY
SURVEY GRADE CPS



RECEIVED
MAR 21 2018
Office of Oil and Gas
WV Department of
Environmental Protection

LOCATION COORDINATES:
ACCESS ROAD ENTRANCE: -80.698783 (RAD 83)
LATITUDE: 39.701714 LONGITUDE: (UTM ZONE 17 487883)
N 487883.00 E 550077.50
CENTROID OF PAD: -80.638993 (RAD 83)
LATITUDE: 39.706263 LONGITUDE: (UTM ZONE 17 487883)
N 487883.00 E 550080.71
EVACUATION GATHERING AREA: -80.643903 (RAD 83)
LATITUDE: 39.707875 LONGITUDE: (UTM ZONE 17 487883)
N 487883.00 E 550080.00

LEGEND

EVACUATION GATHERING AREA	(Symbol: Circle with cross)
EVACUATION ROUTE	(Symbol: Dashed line)
EX SPRING	(Symbol: Circle with 'S')
EX WATER WELL	(Symbol: Circle with 'W')



DATE: 09/27/2017
SCALE: 1" = 300'
SHEET 4 OF 11

VICINITY MAP
ALBERT & MARY HOHMAN WTZ
WELL PAD
PROCTOR DISTRICT
WETZEL COUNTY, WEST VIRGINIA

SWM Southwestern Energy THIS DOCUMENT WAS PREPARED FOR: SOUTHWESTERN ENERGY	DATE	REVISION

NAVITUS
ENERGY ENGINEERING
Telephone: (888) 652-4185 | www.NavitusEng.com

04/27/2018