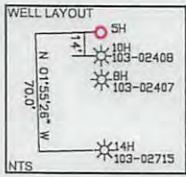
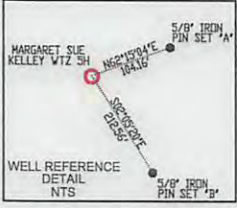




www.jhacompanies.com
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100



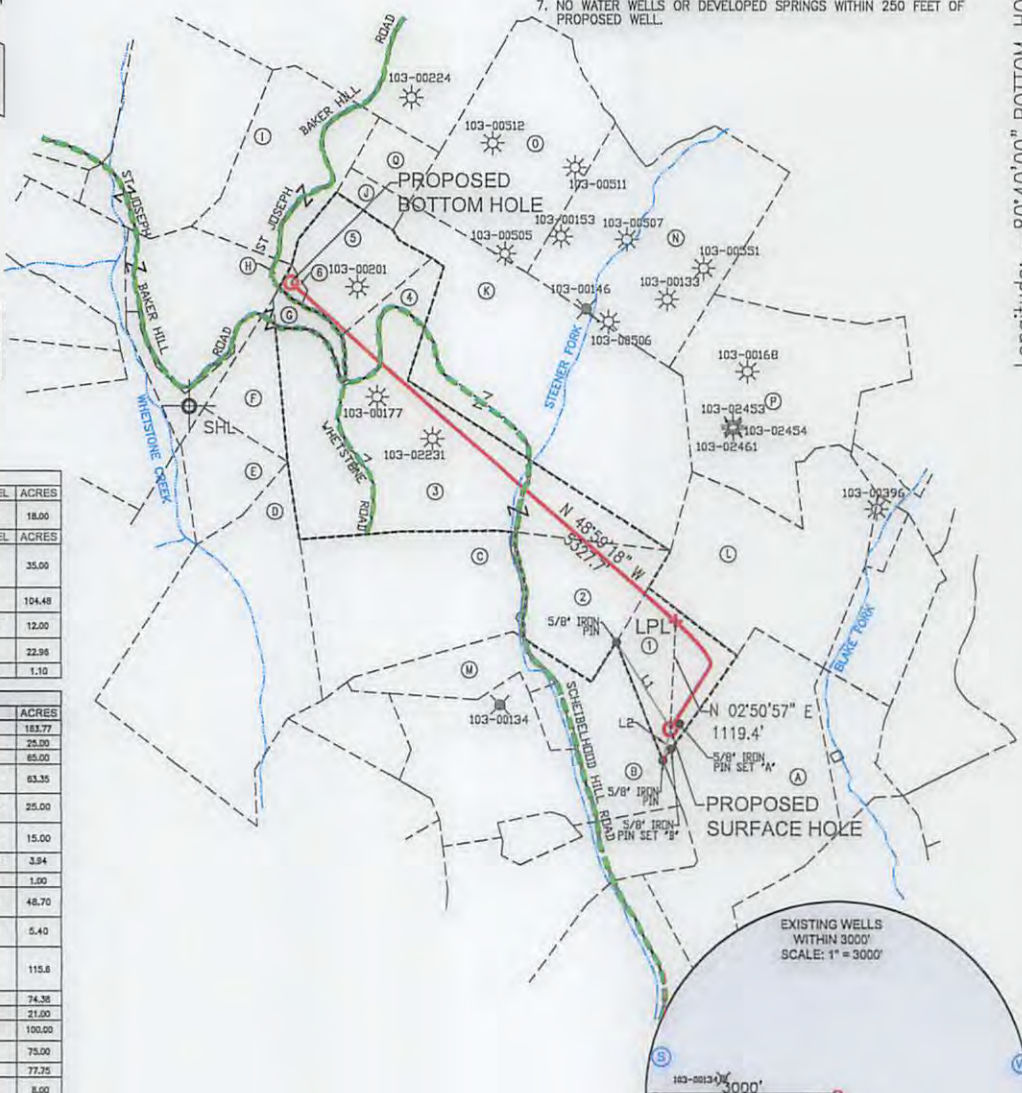
GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



LINE	BEARING	DISTANCE
L1	N 32°15'57" W	1058.73'
L2	S 13°14'31" W	343.00'

NOTES ON SURVEY

1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
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. 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.



TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	MARGARET SUE KELLEY (S) BLAKE REALTY, L.L.C. (R)	12-9-28	18.00
2	PATRICK A. SCHEBELHOOD, THEODORE A. SCHEBELHOOD, EDWARD L. SCHEBELHOOD, THERESA SHULTER, CLARA SCHEBELHOOD, MARGARET SCHEBELHOOD, MARSHA EDWARDS, MARK SCHEBELHOOD, MATTHEW SCHEBELHOOD, NICHOLAS SCHEBELHOOD	12-9-18	35.00
3	ALBERT L. HOHMAN AND MARY L. HOHMAN TRUSTEES OF THE HOHMAN REVOCABLE LIVING TRUST DATED AUGUST 8, 2014	12-8-12	104.48
4	JOSEPH AND SUSANNA VILLERS (LIFE ESTATE) AND ROBERT FRANCIS VILLERS (REMANCERMAN)	12-8-11.1	12.00
5	JOSEPH AND SUSANNA VILLERS (LIFE ESTATE) AND ROBERT FRANCIS VILLERS (REMANCERMAN)	12-8-11	22.96
6	JOHN B. MILLER AND LORNA R. MILLER, HIS WIFE	12-8-11.2	1.10

TRACT	SURFACE OWNER	ACRES
A	MARGARET SUE KELLEY	12-9-28 183.77
B	JOSEPH A. HOHMAN	12-9-27 25.20
C	LOIS J. ESTEP, A SINGLE WOMAN	12-9-23 65.00
D	ALBERT L. HOHMAN AND MARY L. HOHMAN, TRUSTEES OF THE HOHMAN REVOCABLE LIVING TRUST DATED AUGUST 8, 2014; JOSEPH A. HOHMAN AND DEBRA A. HOHMAN, HUSBAND AND WIFE	12-8-24 63.35
E	ALBERT L. HOHMAN AND MARY L. HOHMAN, TRUSTEES OF THE HOHMAN REVOCABLE LIVING TRUST DATED AUGUST 8, 2014; JOSEPH A. HOHMAN AND DEBRA A. HOHMAN, HIS WIFE	12-8-24.3 25.00
F	ALBERT L. HOHMAN AND MARY L. HOHMAN, TRUSTEES OF THE HOHMAN REVOCABLE LIVING TRUST DATED AUGUST 8, 2014	12-8-10 15.00
G	STEVEN BARNARD HOHMAN AND CHRISTINE A. HOHMAN, HUSBAND AND WIFE	12-8-11.3 3.94
H	JOHN BERNARD MILLER AND LORNA REBECCA MILLER, HIS WIFE	12-8-6.1 1.00
I	ALBERT F. ESTEP, TRUSTEE OF THE ALBERT F. ESTEP IRREVOCABLE TRUST DATED MARCH 31, 2010	12-3-38 48.70
J	ALBERT F. ESTEP, TRUSTEE OF THE ALBERT F. ESTEP IRREVOCABLE TRUST DATED MARCH 31, 2010	12-3-38 5.40
K	PATRICK A. SCHEBELHOOD, THEODORE A. SCHEBELHOOD, EDWARD L. SCHEBELHOOD, THERESA SHULTER, CLARA SCHEBELHOOD, MARGARET SCHEBELHOOD, MARSHA EDWARDS, MARK SCHEBELHOOD, MATTHEW SCHEBELHOOD, NICHOLAS SCHEBELHOOD	12-9-1 115.8
L	MARGARET SUE KELLEY	12-9-17 74.38
M	JOSEPH A. HOHMAN	12-9-24 21.00
N	KEITH MICHAEL SCHEBELHOOD AND SALLY L. SCHEBELHOOD, HUSBAND AND WIFE	12-4-31 100.00
O	ALBERT F. ESTEP, TRUSTEE OF THE ALBERT F. ESTEP IRREVOCABLE TRUST DATED MARCH 31, 2010	12-4-30 75.00
P	BRETT BERSFORD AND CHRIS BERSFORD	12-9-2 77.75
Q	ALBERT F. ESTEP, TRUSTEE OF THE ALBERT F. ESTEP IRREVOCABLE TRUST DATED MARCH 31, 2010	12-3-37 8.00

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4393245.81
EASTING: 525892.63

LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4393586.69
EASTING: 525903.89

BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4394631.35
EASTING: 524661.33



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. 891 *Don S. Kyer 3-29-17*

(+) 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 GRADE GPS ELEVATION: (NAVD 88, US FT)

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

MARGARET SUE KELLEY
OPERATOR'S WELL #: WTZ 5H

API WELL #: 47 103 03198
STATE COUNTY PERMIT

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

WATERSHED: FISH CREEK ELEVATION: 1422.4'

DISTRICT: PROCTOR COUNTY: WETZEL QUADRANGLE: WILEYVILLE, WV

SURFACE OWNER: MARGARET SUE KELLEY ACREAGE: ±18.0

OIL & GAS ROYALTY OWNER: BLAKE REALTY, L.L.C. ACREAGE: ±18.0

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: 7,169 IVD 12,918 IMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: DEE SOUTHALL

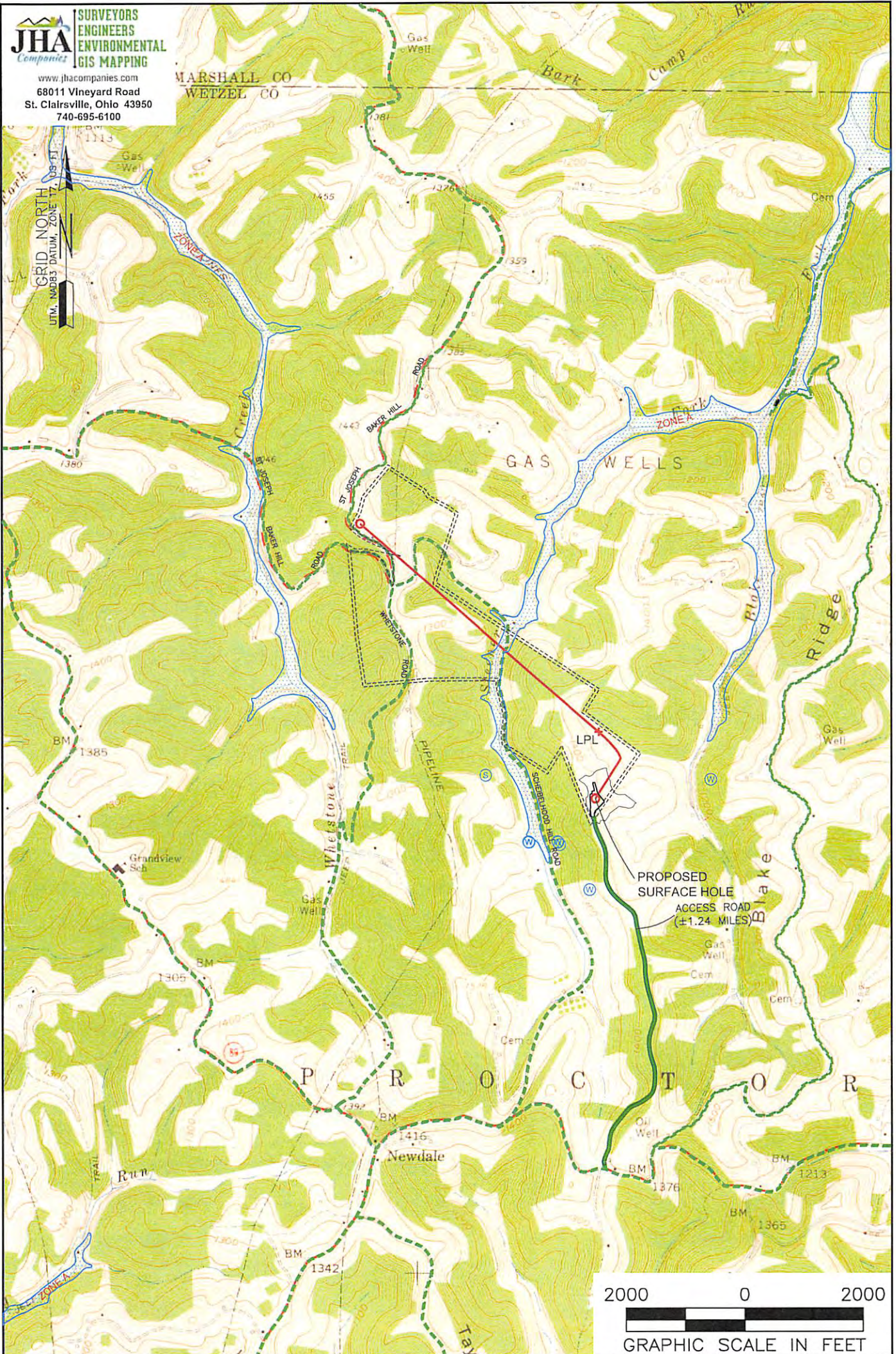
ADDRESS: P.O. BOX 1300 ADDRESS: P.O. BOX 1300

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

LEGEND:	REVISIONS:	DATE:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		03-29-2017
⊙ EXISTING / PRODUCING WELLHEAD	— DRILLING UNIT	
LPL* LANDING POINT LOCATION	— LEASE BOUNDARY	
⊕ EXISTING WATER WELL	— PROPOSED PATH	
⊙ EXISTING SPRING		
		DRAWN BY: M.SNIDER
		SCALE: 1" = 2000'
		DRAWING NO: 2016-622
		WELL LOCATION PLAT

JHA
Companies
SURVEYORS
ENGINEERS
ENVIRONMENTAL
GIS MAPPING
www.jhacompanies.com
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

MARSHALL CO
WETZEL CO



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 PLAIN

- ACCESS ROAD
- - - PUBLIC ROAD
- ACCESS ROAD
- ===== LEASE BOUNDARY
- PROPOSED PATH

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC

ADDRESS:
P.O. BOX 1300 JANE LEW, WV 26378

SURFACE OWNER:
MARGARET SUE KELLEY

WELL (FARM) NAME:
MARGARET SUE KELLEY WTZ

COUNTY - CODE
WETZEL - 103

USGS 7 1/2 QUADRANGLE MAP NAME
WILEYVILLE, WV

WELL # SERIAL #
5H XXXX

DISTRICT;
PROCTOR

10/13/2017