

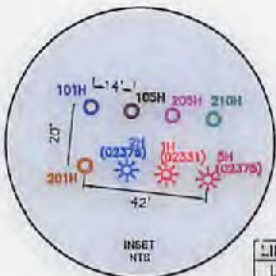
Latitude: 39°45'00" (SURFACE HOLE) SURFACE HOLE 3951'

Latitude: 39°42'30" (BOTTOM HOLE)

BOTTOM HOLE 6028'

JACKSON SURVEYING INC.
 P.O. Box 1460
 677 W. Main St.
 Clarksburg, WV 26302
 304-623-5851

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



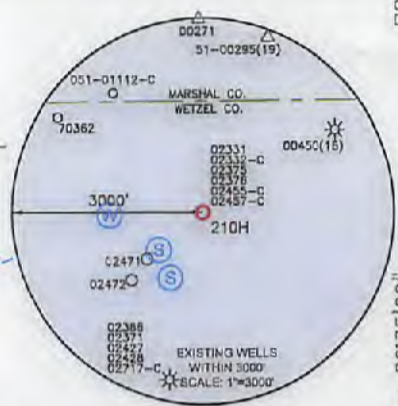
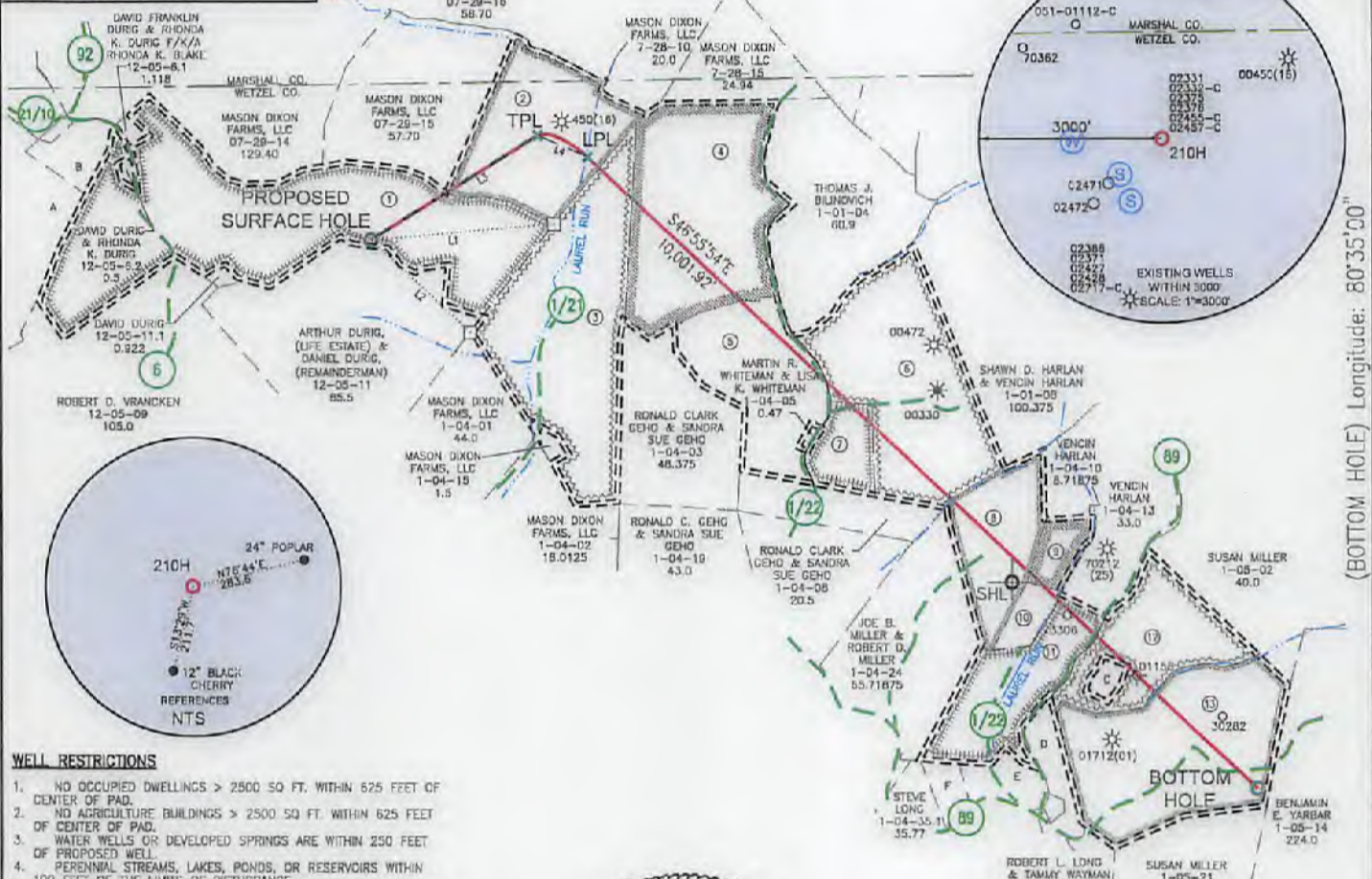
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 85°07'30" E	1999.53'	SHL TO LANDMARK	FENCE CORNER
L2	S 46°54'15" E	1470.89'	SHL TO LANDMARK	FD. MARKED STONE
L3	N 58°01'36" E	2145.18'	SHL TO TPL	TPL
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L4	S 66°43'48" E	591.19'	619.50'	TPL TO LPL

SURFACE HOLE LOCATION (SHL):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,396,394.972
 EASTING: 530,937.467

TURNING POINT LOCATION (TPL):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,396,741.198
 EASTING: 531,492.131

LANDING POINT LOCATION (LPL):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,396,670.009
 EASTING: 531,557.668

BOTTOM HOLE LOCATION (BHL):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,394,588.217
 EASTING: 533,884.785

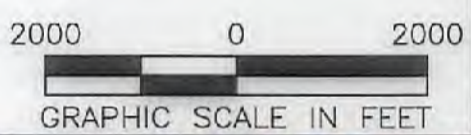


WELL RESTRICTIONS

- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- 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

- 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.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- 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. 708 *David L Jackson*

COMPANY: **SWN** Production Company, LLC **SWN** 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 GRADE GPS ELEVATION: (NAVD 88, US FT)

OPERATOR'S WELL #: DANIEL DURIG WTZ 210H

API WELL #: 47 STATE 103 COUNTY 03205 PERMIT

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

WATERSHED: LAUREL RUN (HUC-10 FISH CREEK) ELEVATION: 1400.9'

DISTRICT: PROCTOR COUNTY: WETZEL QUADRANGLE: WILEYVILLE, WV

SURFACE OWNER: ARTHUR DURIG (LIFE ESTATE), DANIEL DURIG (REMAINDERMAN) ACREAGE: ±151.58

OIL & GAS ROYALTY OWNER: O.C. YOHO AND MARY YOHO, ARTHUR T. DURIG (LIFE ESTATE), DANIEL DURIG (REMAINDERMAN) ACREAGE: ±151.58

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: 7,482 TVD 18,007 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:	REVISIONS:	DATE:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— SURVEYED BOUNDARY	07-28-2017
★ EXISTING / PRODUCING WELLHEAD	— DRILLING UNIT	
LPL★ LANDING POINT LOCATION	— LEASE BOUNDARY	DRAWN BY: N. MANO
⊕ EXISTING WATER WELL	— PROPOSED PATH	SCALE: 1" = 2000'
⊙ EXISTING SPRING		DRAWING NO:
		WELL LOCATION PLAT

**JACKSON SURVEYING
INC.**

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677 W. Main St.
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WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	ARTHUR DURIG (LIFE ESTATE) & DANIEL DURIG (REMAINDERMAN) (S/R)	12-05-06	151.58
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
2	FRED S. WILKERSON (S)	01-01-01	50.0
3	MASON DIXON FARMS, LLC (S)	01-01-02	100.1
4	ROBERT R. REYNOLDS & DONNA D. REYNOLDS (S)	01-01-03	82.625
5	MARTIN R. WHITEMAN & LISA K. WHITEMAN (S)	01-04-04	46.00
6	MARTIN R. WHITEMAN & LISA K. WHITEMAN (S)	01-04-06	80.0
7	MARTIN R. WHITEMAN & LISA K. WHITEMAN (S)	01-04-07	16.40
8	VENCIN HARLAN (S)	01-04-09	33.48125
9	VENCIN HARLAN (S)	01-04-11	9.25
10	VENCIN LEROY HARLAN, L/E, SUSAN L. THOMAS & JOHN F. THOMAS, JR. (S)	01-04-12	7.26875
11	VENCIN LEROY HARLAN, L/E, SUSAN L. THOMAS & JOHN F. THOMAS, JR. (S)	01-04-25	30.0
12	SUSAN MILLER (S)	01-05-12	45.32
13	SUSAN MILLER (S)	01-05-13	80.0

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	MASON DIXON FARMS, LLC	12-05-04	48.875
B	ARTHUR DURIG, LIFE ESTATE, & DANIEL DURIG, REMAINDERMAN	12-05-05	10.0
C	SUSAN MILLER	01-04-54	2.05
D	RODGER S. LONG	01-04-35.2	13.36625
E	STEVE LONG	01-04-35	34.25
F	DENNIS M. LONG & MELBA LONG	01-04-35.3	0.456

REVISIONS:	COMPANY:	 		<i>R⁺ → V⁺</i> 11/17/2017
	OPERATOR'S	DANIEL DURIG		DATE: 07-28-2017
	WELL #:	210H		DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	PROCTOR	WETZEL	WV	DRAWING NO:
				WELL LOCATION PLAT 2