

Latitude: 39°45'00"(SH)

SURFACE HOLE 1,509'

Latitude: 39°45'00"(BH) — BOTTOM HOLE 10,698'

JACKSON SURVEYING INC.

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

SURFACE HOLE LOCATION (SHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,397,189.041
EASTING: 528,107.479

LANDING POINT LOCATION (LPL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,396,958.109
EASTING: 527,889.397

AZIMUTH POINT LOCATION (AZL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,396,660.514
EASTING: 527,836.468

BOTTOM HOLE LOCATION (BHL):

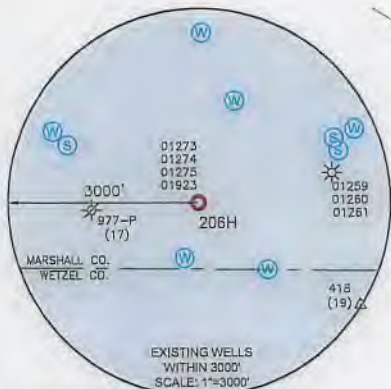
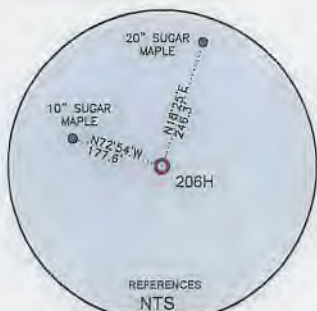
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,395,559.428
EASTING: 528,883.864

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

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS
Table with columns: TRACT, SURFACE OWNER (S) / ROYALTY OWNER (R), TAX PARCEL

Table with columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT

05/24/2019



WELL RESTRICTIONS

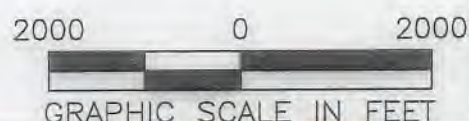
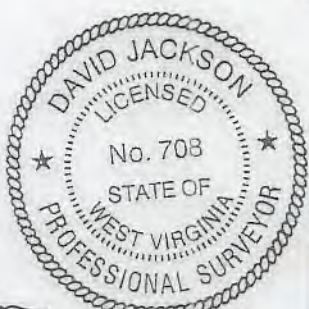
- 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS 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.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.
4. 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

(+) 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)

ARTHUR WARYCK MSH
OPERATOR'S WELL #: 206H
API WELL #: 47 051 02171
STATE COUNTY PERMIT



WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [x] DEEP [] GAS [x] LIQUID INJECTION [] STORAGE [] SHALLOW [x]
WATERSHED: LYNN CAMP RUN OF FISH CREEK (HUC-10) ELEVATION: 1325.7'
DISTRICT: MEADE COUNTY: MARSHALL QUADRANGLE: WILEYVILLE, WV
SURFACE OWNER: A. MICHAEL WARYCK & DEBORAH ELLEN WARYCK ACREAGE: ±125.39
OIL & GAS ROYALTY OWNER: CHARLES W. CAIN & PEARL CAIN ACREAGE: ±125.39
DRILL [x] DRILL DEEPER [] REDRILL [] FRACTURE OR STIMULATE [x] PLUG OFF OLD FORMATION [] PERFORATE NEW FORMATION []
CONVERT [] PLUG & ABANDON [] CLEAN OUT & REPLUG [] OTHER CHANGE [] (SPECIFY)
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,158 TVD 13,609 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: P.O. BOX 1300
CITY: JANE LEW STATE: WV ZIP CODE: 26378
DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: P.O. BOX 1300
CITY: JANE LEW STATE: WV ZIP CODE: 26378

LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE, EXISTING / PRODUCING WELLHEAD, LPL, AZL, SURVEYED BOUNDARY, DRILLING UNIT, LEASE BOUNDARY, PROPOSED PATH, EXISTING WATER WELL, EXISTING SPRING
REVISIONS: DATE: 11-13-2018
DRAWN BY: N. MANO
SCALE: 1" = 2000'
DRAWING NO:
WELL LOCATION PLAT

05/24/2019

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MASON DIXON FARMS, LLC	12-05-02
B	MASON DIXON FARMS, LLC	12-05-04
C	MASON DIXON FARMS, LLC	12-05-08
D	AUGUSTUS R. MCMAHON III (L/T), AUGUSTUS & MICHELLE MCMAHON TRUSTEES	12-05-13
E	AUGUSTUS R. MCMAHON III (L/T), AUGUSTUS & MICHELLE MCMAHON TRUSTEES	12-05-15
F	MILLTREE PROPERTIES, LLC	12-05-14
G	HERBERT SIVERT, ET AL	12-04-29
H	CLAUDIA MECKEL-JONAS, ET AL	12-04-28
I	MARILYN DIANE STILES & JESSIE GLENN STILES	12-04-18
J	NANCY RABER, ET AL	12-04-07
K	NANCY RABER, ET AL	12-04-10
L	ZACHARY M. BLAIR	09-21-15
M	ZACHARY M. BLAIR	09-21-13
N	ZACHARY M. BLAIR	09-21-14
O	MASON DIXON FARMS, LLC	09-21-22

REVISIONS:	COMPANY:			 	
	OPERATOR'S			ARTHUR WARYCK MSH	
	WELL #:			206H	
	DISTRICT:	COUNTY:	STATE:	DATE: 11-13-2018	
	MEADE	MARSHALL	WV	DRAWN BY: N. MANO	
				SCALE: N/A	
				DRAWING NO:	
				WELL LOCATION PLAT 2	