

Latitude: 39°47'30"

SURFACE HOLE 9,142'

Latitude: 39°50'00"

BOTTOM HOLE 4,838'

JACKSON SURVEYING

INC.

2413 EAST PIKE ST. # 112

Clarksburg, WV 26302

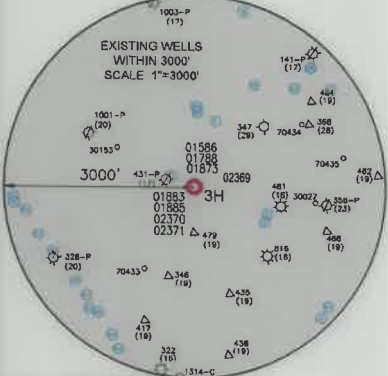
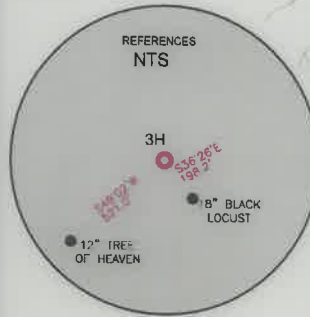
304-623-5851

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 62°01'50" W	770.83'	SHL TO LANDMARK	CORNER FENCE POST
L2	N 59°09'01" E	1902.07'	SHL TO LANDMARK	FD. 1 1/2" REBAR
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 72°53'56" E	793.85'	2,160.30'	SHL TO LPL
L4	N 34°31'42" W	183.77'	183.77'	AZL1 TO AZL2

SURFACE HOLE LOCATION (SHL)	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,401,983.822
EASTING:	532,900.708
LANDING POINT LOCATION (LPL)	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,402,054.975
EASTING:	533,131.975
AZIMUTH POINT LOCATION (AZL1)	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,404,284.494
EASTING:	531,257.119
AZIMUTH POINT LOCATION (AZL2)	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,404,330.625
EASTING:	531,225.380
BOTTOM HOLE LOCATION (BHL)	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,405,233.149
EASTING:	530,630.108

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

ASDRILLED
BOTTOM HOLE
PROPOSED
BOTTOM HOLE



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. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO 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.

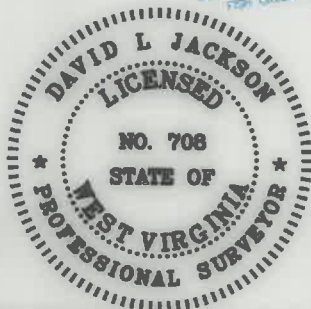
NOTES ON SURVEY

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.

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



2000 0 2000

GRAPHIC SCALE IN FEET

COMPANY:

SWN

SWN

Production Company, LLC Production Company™

GLADYS BRIGGS MSH

OPERATOR'S WELL #:

3H

API WELL #:

47

051

02369

STATE

COUNTY

PERMIT



(+) 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)

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

WATERSHED: FISH CREEK (HUC-10) ELEVATION: 1382.8'

DISTRICT: LIBERTY COUNTY: MARSHALL QUADRANGLE: CAMERON 7 1/2', WV

SURFACE OWNER: GLADYS R. BRIGGS ESTATE ACREAGE: ±121.429

OIL & GAS ROYALTY OWNER: GLADYS R. BRIGGS ESTATE ACREAGE: ±121.429

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

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

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 12/03/2021 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200

CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND: SURVEYED BOUNDARY DRILLING UNIT LEASE BOUNDARY ASDRILLED PATH PROPOSED PATH AZL * AZIMUTH POINT LOCATION

REVISIONS: DATE: 10-25-2021

DRAWN BY: N. MANO

SCALE: 1" = 2000'

DRAWING NO:



WELL LOCATION PLAT

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	BRIGGS GLADYS R EST (S/R)	07-16-02
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX (S)	07-10-08
3	BUZZARD DONALD G ET UX (S)	07-10-07
4	ANDERSON ALVIN RICKEY ET AL(S)	07-10-06
5	ASTON PAUL & SUSAN (S)	07-09-26
6	NOULLET BENJAMIN R & CARLA J (S)	07-10-1.1
7	CLARK CHARLES R & WHIPKEY MARILYN V (S)	07-10-01
8	CLARK CHARLES R & WHIPKEY MARILYN V (S)	07-09-28.2
9	HINERMAN MARK P & SHELLI W DANNER (S)	07-09-25
10	DANAHEY SHAWN T SR & SHAWN T II (S)	07-08-09
11	DOBBS GARY L (S)	07-09-24
12	DOBBS JOHN ALFRED & LEORA - LIFE (S)	07-08-08
13	DOBBS JOHN ALFRED & LEORA - LIFE (S)	07-08-04
14	DOBBS JOHN ALFRED & LEORA - LIFE	07-08-05
15	MARSHALL COUNTY COAL RESOURCES, INC (S)	09-12-14

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	BRIGGS JACK J	07-16-05
B	MASON DIXON FARMS LLC	07-16-06
C	MASON DIXON FARMS LLC	07-17-19.1
D	MASON DIXON FARMS LLC	07-17-19
E	SIMMS ROBERT S & SHEILA D	07-17-18
F	MCCULLEY BETTY TAYLOR ET VIR	07-17-17
G	MCCULLEY BETTY TAYLOR ET VIR	07-17-14
H	MCCULLEY BETTY TAYLOR ET VIR	07-09-34
I	MCCULLEY BETTY TAYLOR ET VIR	07-09-33
J	BERNAS JOSEPH C	07-09-32
K	BUZZARD DONALD G ET UX	07-09-28
L	STERN DONALD G	07-09-28.1
M	BLAKE NANCY J IRREVOCABLE TR	07-09-28.3
N	MT ZION CHURCH OF GOD	07-09-27
O	BUZZARD DONALD G & LENORA L	07-09-28.4
P	COTTRELL KEVIN L	07-09-29
Q	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	07-09-20.1
R	ASTON PAUL & SUSAN	07-09-21
S	DOBBS JOHN ALFRED & LEORA - LIFE	07-09-23
T	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	07-09-22
U	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	07-08-07
V	KELLEY ELIZABETH J	09-12-17
W	WHIPKEY DAVID L & DAVID MATTHEW	09-12-12
X	WHIPKEY DAVID L & DAVID MATTHEW	09-12-15
Y	LATTER DAY SAINTS CHURCH	09-09-15
Z	KERNS DANNY R & FRANCES V ESTS	09-09-14
A2	KERNS DANNY R & FRANCES V ESTS	09-09-13
B2	KERNS DANNY R & FRANCES V ESTS	07-08-01
C2	KERNS DANNY R & FRANCES V ESTS	07-08-02
D2	STERN BLAINE E JR	07-08-12
E2	FIFE HOWARD C - LIFE - DOWNING STEVEN D	07-08-9.1
F2	GRAHAM WAYNE E JR ET UX	07-07-04
G2	CLARK CHARLES R & WHIPKEY MARILYN V	07-10-04
H2	SCHWING RICKY	07-10-02
I2	ANDERSON JACKIE L & ALVIN R	07-10-6.1
J2	STERN PAUL F	07-10-03
K2	CLARK CHARLES R & WHIPKEY MARILYN V	07-10-05
L2	CLARK CHARLES R & WHIPKEY MARILYN V	07-10-11
M2	CLARK JAMES M	07-10-09
N2	LEMASTERS VINCENT E	07-10-24
O2	YEATER PRESTON & HEATHER L	07-16-29.4
P2	BRIGGS JACK	07-16-2.1
Q2	LEMASTERS VINCENT E	07-16-01
R2	BRIGGS PATTY K	07-16-2.2
S2	YEATER PRESTON A ET UX	07-16-29.2
T2	BRIGGS GLADYS R EST	07-16-03

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,401,983.741
EASTING: 532,900.810
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,402,044.863
EASTING: 533,145.562
AZIMUTH POINT LOCATION (AZL1):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,404,211.273
EASTING: 531,316.106
AZIMUTH POINT LOCATION (AZL2):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,404,292.822
EASTING: 531,255.024
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,405,234.207
EASTING: 530,632.228

REVISIONS:	COMPANY:	 		12/03/2021
	OPERATOR'S	GLADYS BRIGGS MSH	API#	DATE: 10-25-2021
	WELL #:	3H	47-051-02369	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	LIBERTY	MARSHALL	WV	DRAWING NO:
				WELL LOCATION PLAT 2