

Latitude: 39°50'00" (SHL)

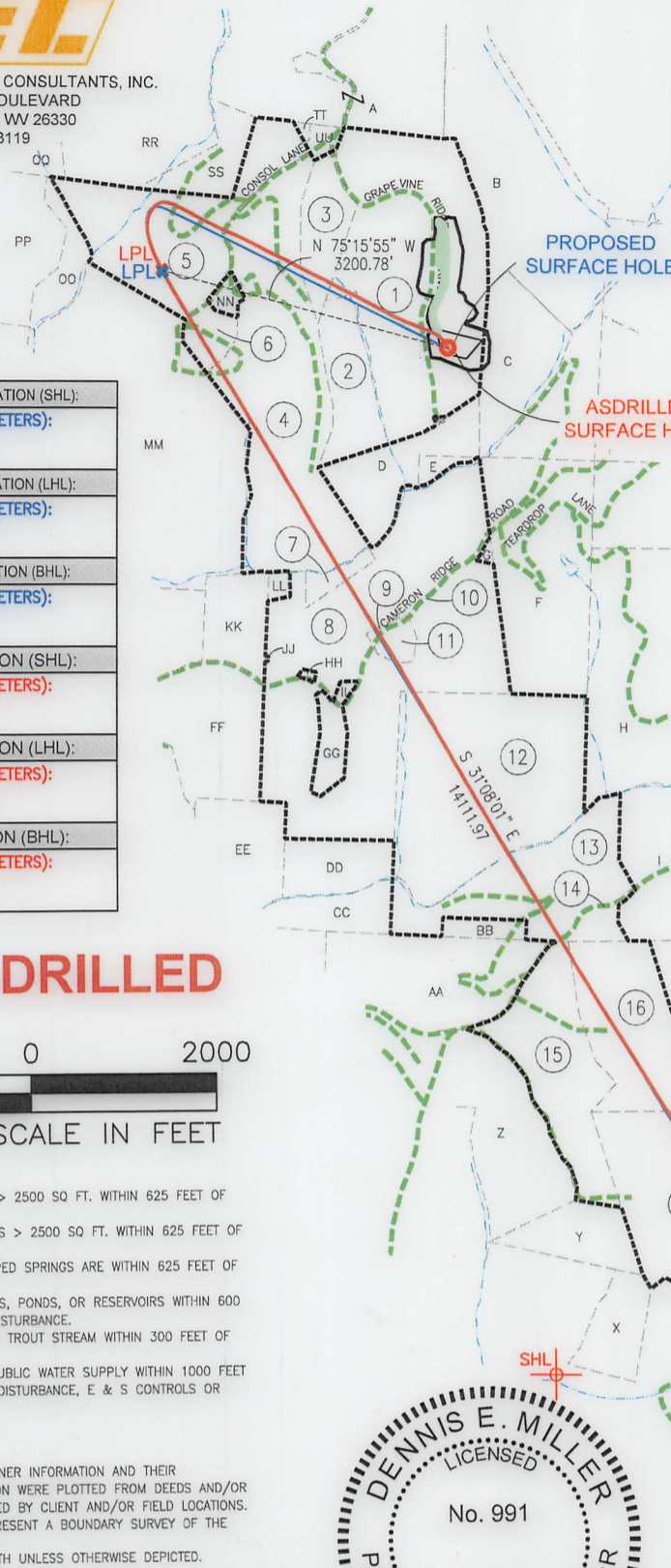
SURFACE HOLE 6,855'

BOTTOM HOLE 2,518'

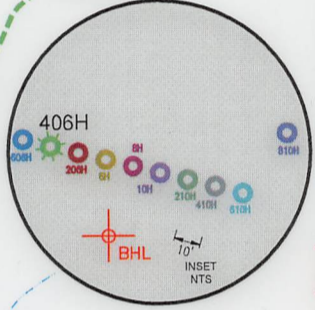
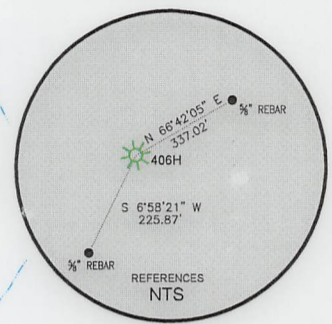
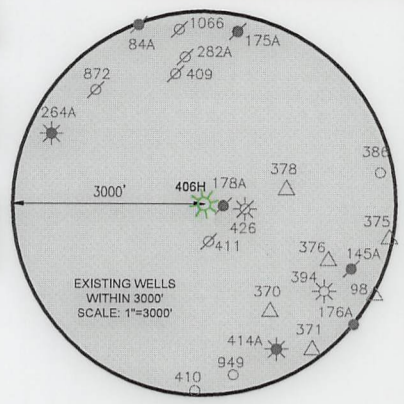
Latitude: 39°47'30" (BHL)



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330
304-933-3119



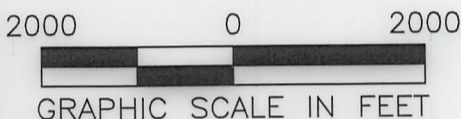
GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



VERTICAL DIMENSIONS: SURFACE HOLE 15,091', BOTTOM HOLE 11,126', SURFACE HOLE 80'35"00" (BHL), SURFACE HOLE 80'35"00" (SHL)

Table with 4 columns: Location Type, UTM (NAD83, Zone 17, Meters), Northing, and Easting. Rows include Permit Surface Hole Location (SHL), Permit Landing Point Location (LHL), Permit Bottom Hole Location (BHL), Surface Hole Location (SHL), Landing Point Location (LHL), and Bottom Hole Location (BHL).

AS-DRILLED



WELL RESTRICTIONS

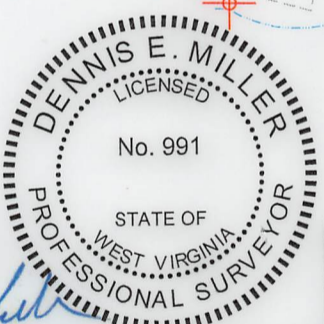
- 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 625 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 600 FEET OF THE LIMITS 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 PLAN 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 PLAN 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. 991



COMPANY: SWN Production Company, LLC
CHARLES JAMISON MSH
OPERATOR'S WELL #: 406H
API WELL #: 47 STATE 051 COUNTY 02434 PERMIT

STATE OF WEST VIRGINIA seal
(+) 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)

WELL TYPE: OIL [ ] WASTE DISPOSAL [ ] PRODUCTION [X] DEEP [ ] GAS [X] LIQUID INJECTION [ ] STORAGE [ ] SHALLOW [X]
WATERSHED: MAGGOTY RUN
DISTRICT: LIBERTY DISTRICT COUNTY: MARSHALL
SURFACE OWNER: CHARLES AND JEAN JAMISON
OIL & GAS ROYALTY OWNER: CHARLES AND JEAN JAMISON
ELEVATION: 1337.50'
QUADRANGLE: CAMERON
ACREAGE: 97.2±

DRILL [ ] DRILL DEEPER [ ] REDRILL [ ] FRACTURE OR STIMULATE [ ] PLUG OFF OLD FORMATION [ ] PERFORATE NEW FORMATION [ ]
CONVERT [ ] PLUG & ABANDON [ ] CLEAN OUT & REPLUG [ ] OTHER CHANGE [X] (SPECIFY) AS-DRILLED
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,130.62 TVD 22,806 TMD
DATE: 01/20/2023

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508
DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE, EXISTING / PRODUCING WELLHEAD, LPL, EXISTING WATER WELL, EXISTING SPRING, SURVEYED BOUNDARY, DRILLING UNIT, LEASE BOUNDARY, AS-DRILLED PATH, PROPOSED PATH
REVISIONS:
DATE: 08-05-2022
DRAWN BY: K.E.S.
SCALE: 1" = 2000'
DRAWING NO: 170-426
WELL LOCATION PLAT



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
 120 GENESIS BOULEVARD  
 BRIDGEPORT, WV 26330  
 304-933-3119

WELL BORE TABLE FOR SURFACE OWNERS		
TRACT	SURFACE OWNER	TAX PARCEL
1	CHARLES AND JEAN JAMISON	07-007-0006
2	TIMOTHY R. CAIN	07-007-0006.2
3	MARSHALL COUNTY COAL RESOURCES INC.	07-007-0006.3
4	MARSHALL COUNTY COAL RESOURCES INC.	07-007-0005.3
5	WAYNE E. GRAHAM JR. & GWENDOLYN L. GRAHAM	07-007-0005
6	WAYNE E. GRAHAM JR. & GWENDOLYN L. GRAHAM	07-007-0005.1
7	G. & JAN DOBBS FAMILY TRUST; ERIC SCOTT DOBBS; AND DOROTHY VESS	07-010-0017
8	G. & JAN DOBBS FAMILY TRUST; ERIC SCOTT DOBBS; AND DOROTHY VESS	07-010-0018
9	G. & JAN DOBBS FAMILY TRUST; ERIC SCOTT DOBBS; AND DOROTHY VESS	07-010-0018.6
10	CO. RT. 23 ROW (CAMERON RIDGE ROAD)	
11	G. & JAN DOBBS FAMILY TRUST & ERIC SCOTT DOBBS	07-010-0018.7
12	G. & JAN DOBBS FAMILY TRUST; ERIC SCOTT DOBBS; AND DOROTHY VESS	07-010-0022
13	HAROLD E. & ANITA RUSH	07-010-0023
14	FISH RIDGE ROAD ROW	
15	STEPHANIE F. YEATER	07-016-0029.3
16	ROBERT D. WILLIAMS	07-016-0030
17	RUSSELL ALLEN DOTSON JR. & JODI D. DOTSON	07-016-0028
18	JOHN M. BUTLER AND DAVID R. BUTLER	07-016-0026.1
19	CO. RT. 96 ROW	
20	DAVID T. BUTLER - LIFE	07-016-0026
21	JOHN BUTLER AND BENJAMIN BUTLER	07-016-0039

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	KENNETH WAYNE STEELE REVOCABLE LIVING TRUST AGREEMENT	07-007-0008.1
B	KENNETH WAYNE STEELE REVOCABLE LIVING TRUST AGREEMENT	07-007-0011
C	GAIL ZWICK - LIFE	07-007-0012
D	TIMOTHY R. CAIN	07-007-0006.1
E	CHARLES & JEAN JAMISON	07-007-0013
F	MARSHALL COUNTY COAL RESOURCE INC	07-010-0019
G	JEFFREY A. MURRAY	07-010-0018.2
H	G. & JAN DOBBS FAMILY TRUST & ERIC SCOTT DOBBS	07-010-0021
I	HOWARD E. WILLIAMS	07-010-0025.1
J	RUSSELL ALLEN DOTSON JR. & JODI D. DOTSON	07-016-0031
K	ELLEN MARIE QUIGLEY	07-016-0033
L	JEREMIAH N. & ANDREA J. MAGERS	07-016-0033.1
M	DAVID L. ELSON AND DEBBIE L. ELSON, HIS WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0034
N	ELLEN MARIE QUIGLEY	07-016-0036
O	BARBARA R. ARDENO, ET AL	07-016-0037
P	JOHN E. RIGGS JR. AND DALENA RIGGS, HIS WIFE	07-016-0038
Q	JOHN E. RIGGS JR.	07-016-0041
R	JUDITH ANN BURGE, VIRGINIA L. BAILEY, AND SUELLEN MARLING, AS TENANTS IN COMMON	07-016-0040
S	CHARLES ALLEN UNDERDONK, ALSO KNOWN AS ALAN UNDERDONK	07-016-0025.1
T	GAIL K. CUMPSTON PORTER	07-019-0020
U	GEORGE R. CUMPSTON AND NANCY K. CUMPSTON, HIS WIFE; AND GAIL K. PORTER, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0024
V	BEN F. ALLMAN AND ELLEN ALLMAN, HIS WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0025
W	LEVI M. LOGSDON AND BRIANNE N. LOGSDON HUSBAND AND WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0025.2
X	GEORGE R. CUMPSTON AND NANCY K. CUMPSTON, HIS WIFE; AND GAIL K. PORTER, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0027
Y	RICHARD M. YEATER AND DEBRA S. YEATER, HIS WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0029.1
Z	SUSAN JANE YEATER, JOSEPH EDWARD YEATER, AND PRESTON A. YEATER AND HEATHER L. YEATER	07-016-0029
AA	VINCENT E. LEMASTERS	07-010-0024
BB	HAROLD E. & ANITA RUSH	07-010-0023.1
CC	JAMES M. CLARK	07-010-0009
DD	JAMES M. CLARK	07-010-0010
EE	CHARLES R. CLARK & MARILYN V. WHIPKEY	07-010-0011
FF	CHARLES R. CLARK & MARILYN V. WHIPKEY	07-010-0012
GG	ERIC SCOTT & TIFFANY J. DOBBS	07-010-0018.4
HH	JERRY S. & CYNTHIA C. WHORTON	07-010-0018.3
II	HAZEN B. PYLES	07-010-0018.1
JJ	ERIC SCOTT & TIFFANY J. DOBBS	07-010-0018.5
KK	PAMELA J. HOWARD AND SCOTT MICHAEL OWEN WHITE	07-010-0015
LL	G. & JAN DOBBS FAMILY TRUST; ERIC SCOTT DOBBS; AND DOROTHY VESS	07-010-0016
MM	WAYNE E. GRAHAM JR. & GWENDOLYN L. GRAHAM	07-007-0004
NN	WAYNE E. GRAHAM JR. & GWENDOLYN L. GRAHAM	07-007-0005.2
OO	CONSOLIDATED COAL COMPANY / MURRAY ENERGY CO LAND DEPARTMENT	07-007-0003
PP	BLAINE E. STERN JR.	07-008-0013
QQ	GEORGE. A. BURRIS AND PAUL J. BURRIS	07-008-0014
RR	KAREN S. EVANS & JUDY K. MATTHEWS	07-007-0001
SS	KAREN S. EVANS & JUDY K. MATTHEWS	07-007-0002
TT	CONSOLIDATED COAL COMPANY / MURRAY ENERGY CO LAND DEPARTMENT	07-007-0007.1
UU	MARSHALL COUNTY COAL RESOURCE INC	07-007-0007

**AS-DRILLED**

API WELL #: **47** **051** **02434**  
 STATE COUNTY PERMIT

01/20/2023

REVISIONS:	COMPANY:			
	OPERATOR'S		CHARLES JAMISON MSH	
	WELL #:		406H	
	DISTRICT:	COUNTY:	STATE:	DATE: 08-05-2022
	LIBERTY DISTRICT	MARSHALL	WV	DRAWN BY: K.E.S.
				SCALE: N/A
				DRAWING NO: 170-426
				WELL LOCATION PLAT 2