

Latitude: 40°00'00" SURFACE HOLE 8602'

JACKSON SURVEYING INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26301
 304-623-5851

Latitude: 39°57'30"

BOTTOM HOLE 9,608'

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 58°04'50" E	2152.28'	SHL TO LANDMARK	5/8" REBAR FOUND
L2	N 74°07'14" E	2148.11'	SHL TO LANDMARK	1/2" REBAR FOUND
L3	N 88°11'23" E	2296.19'	2612.88'	SHL TO LP
L4	S 26°47'16" E	82.78'	82.79'	AZL1 TO AZL2

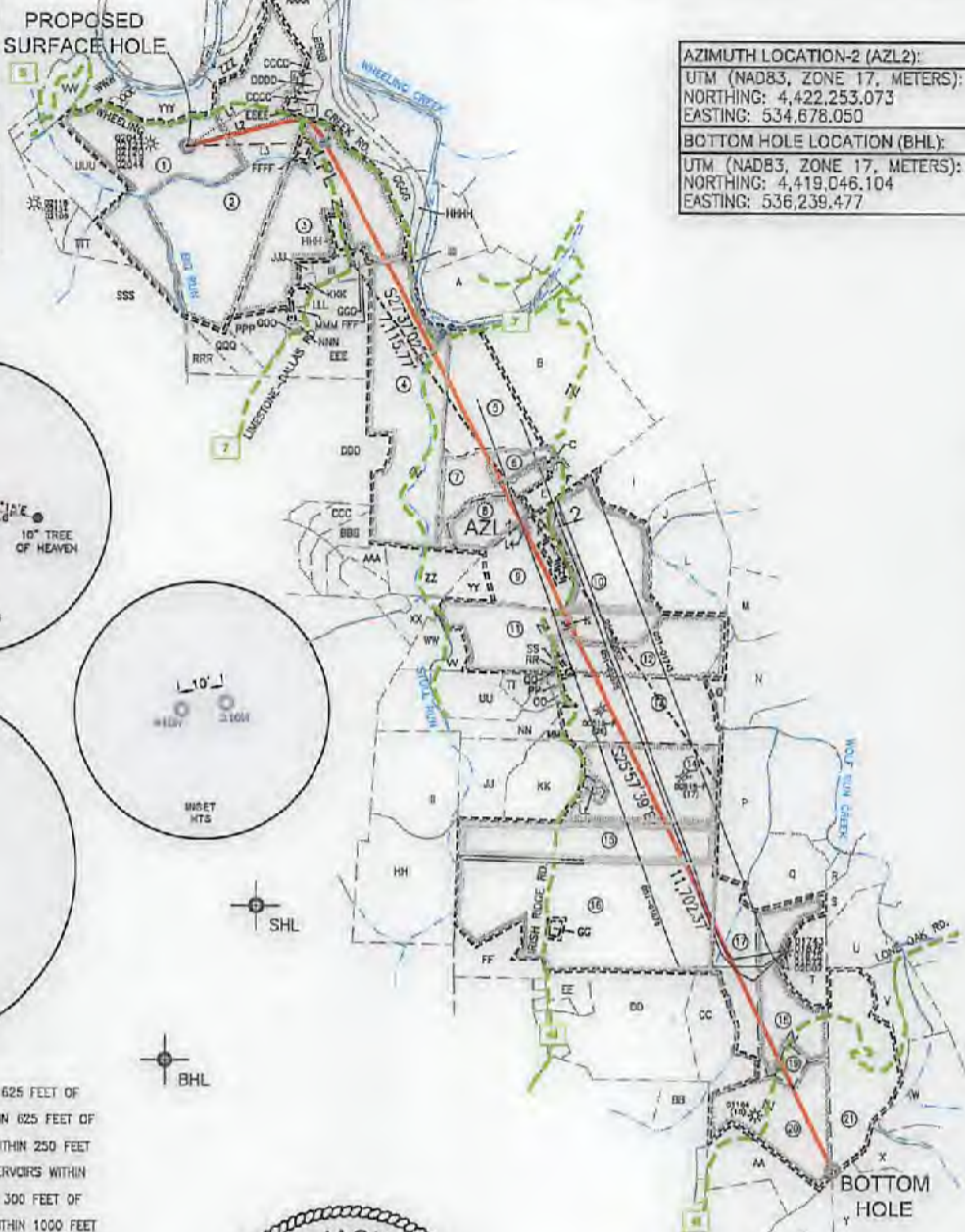
SURFACE HOLE LOCATION (SHL):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,424,175.264
 EASTING: 532,961.733

LANDING POINT LOCATION (LPL):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,424,197.375
 EASTING: 533,561.263

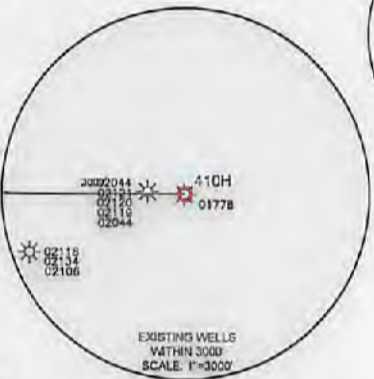
AZIMUTH LOCATION-1 (AZL1):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,422,275.598
 EASTING: 534,666.678

AZIMUTH LOCATION-2 (AZL2):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,422,253.073
 EASTING: 534,678.050

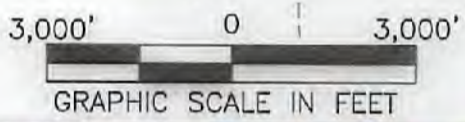
BOTTOM HOLE LOCATION (BHL):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,419,046.104
 EASTING: 536,239.477



GRID NORTH
 UTM, NAD83, ZONE 17, US FT



- 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.

David L Jackson
 P.S. 708

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 SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	COMPANY: SWN OPERATOR'S WELL #: GEETA MSH 410H API WELL #: 47 051 02246 WVA STATE COUNTY PERMIT
	WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	WATERSHED: WHEELING CREEK (HUC-10) DISTRICT: WEBSTER COUNTY: MARSHALL SURFACE OWNER: GEETA OIL & GAS ROYALTY OWNER: GEETA

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: 6,484' TVD 26,159' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
 ADDRESS: 1300 FORT PIERPONT RD. SUITE 200
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITTANY WOODY
 ADDRESS: 1300 FORT PIERPONT RD. SUITE 200
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND: (●) PROPOSED SURFACE HOLE / BOTTOM HOLE (★) EXISTING / PRODUCING WELLHEAD (LPL★) LANDING POINT LOCATION (⊙) EXISTING WATER WELL (⊕) EXISTING SPRING	(---) SURVEYED BOUNDARY (---) DRILLING UNIT (---) LEASE BOUNDARY (---) PROPOSED PATH	REVISIONS: DATE: 06-13-2019 DRAWN BY: N. MANO SCALE: 1" = 3000' DRAWING NO: WELL LOCATION PLAT
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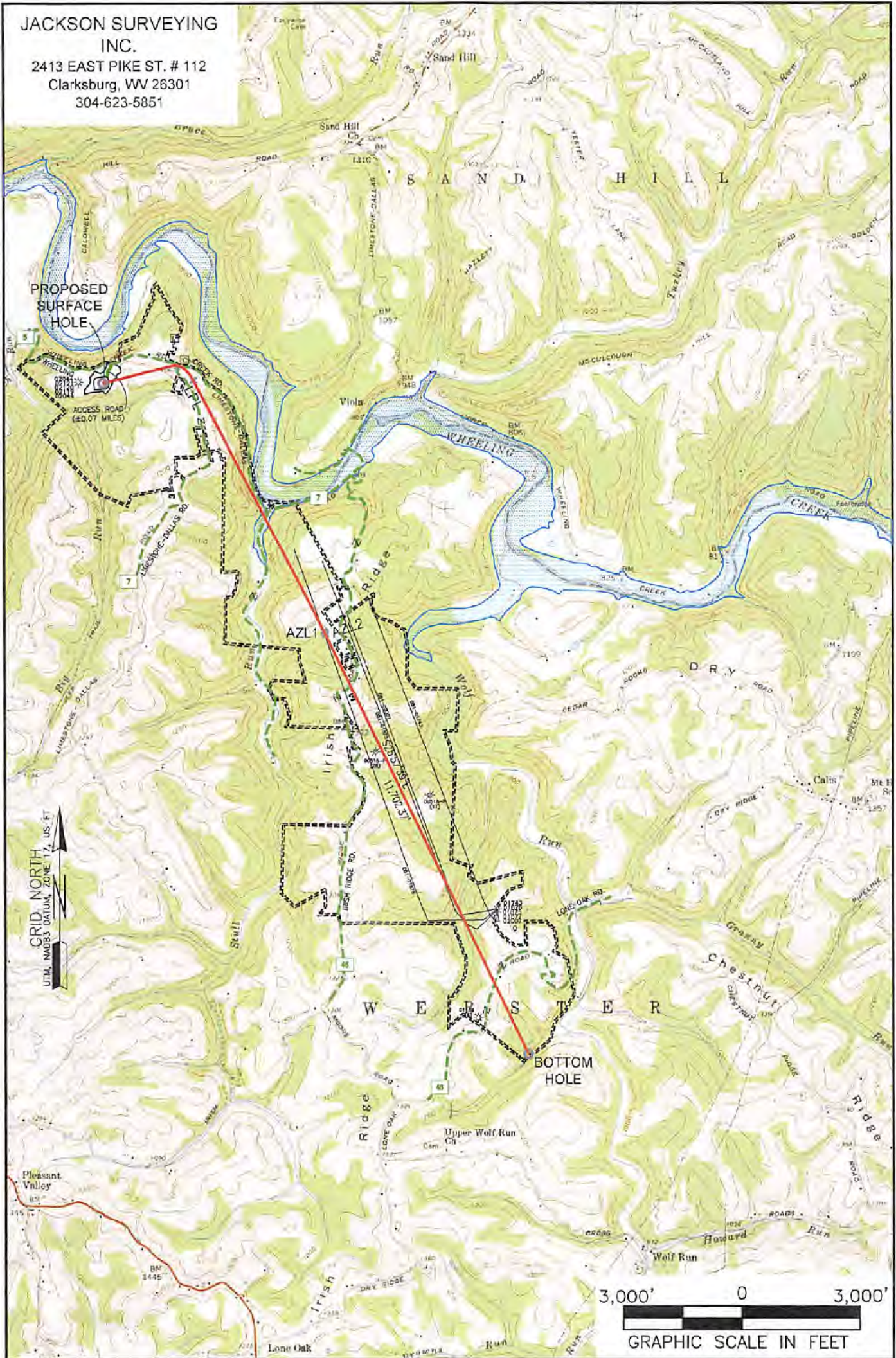
WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	GEETA (S/R)	15-01-06
TRACT	SURFACE OWNER	TAX PARCEL
2	TATIA JOSEPHINE ROSE (S)	15-01-19
3	ISKCON-NEW MATHURA VRINDABAN (S)	15-01-18
4	SARA JO ANDERSON (S)	15-02-04
5	RICHARD J. MARKONICH (S)	15-03-02
6	DORA J. CUNNINGHAM & PATRICIA A. BENNETT (S)	15-03-25
7	ROBERT A. BENNETT, ET UX (S)	15-03-25.5
8	BONNIE STRAUTMANN & JEFF STRAUTMANN (S)	15-03-25.4
9	JOYCE E. GRIMM (S)	15-03-24
10	RENEE LYNN GRIMM EBERT (S)	15-03-21
11	JOYCE E. GRIMM (S)	15-06-03
12	GARY W. STROPE, ET UX, ET AL, GARY W. STROPE & RICKEE J. STROPE, TRUSTEE OF THE STROPE FAMILY TRUST DATED MARCH 29, 2017 (S)	15-06-05
13	MARK FITZSIMMONS & RICKEE STROPE (S)	15-06-06
14	MICHAEL J. BURKEY & LINDA BURKEY (S)	15-06-14
15	MARK B. FITZSIMMONS & DEBORAH A. FITZSIMMONS (S)	15-06-15
16	JOE M. KAISER & SHIRLEY A. KAISER FAMILY REVOCABLE TRUST DATED MAY 6, 2005 (S)	15-06-17
17	CHARLES B. STROPE (S)	15-09-14
18	RUSSELL W. STROPE & CRAIG D. STROPE (S)	15-06-19
19	CRAIG D. STROPE & DANYEL STROPE (S)	15-09-15.2
20	RUSSELL W. STROPE & CRAIG D. STROPE (S)	15-09-15
21	JOHN W. KUTIS & SYLVIA M. KUTIS (S)	15-10-01

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MARIAN MURPHY	12-15-2.2
B	SHARON AUPP & RICHARD MARKOVICH	15-03-03
C	WILLIAM R. LITTLE	15-03-22
D	ROBERT E. BENNETT, ET UX	15-03-25.3
E	BONNIE L. STRAUTMANN & JEFFREY STRAUTMANN	15-03-25.2
F	OHIO VALLEY HEART INSTITUTE, INC.	15-03-25.1
G	LONNIE R. PETHTEL & DANNY L. BELL	15-03-23
H	JOYCE E. GRIMM	15-03-24.1
I	OHIO VALLEY HEART INSTITUTE INC.	15-03-20
J	WHEELING CREEK WATERSHED COMM.	15-03-19
K	RENEE LYNN GRIMM EBERT	15-06-3.1
L	WHEELING CREEK WATERSHED COMM.	15-03-18
M	BETTY SUE PACZEWSKI & ALBERT J. PACZEWSKI	15-03-17
N	BETTY SUE PACZEWSKI & ALBERT J. PACZEWSKI	15-06-27
O	WHEELING CREEK WATERSHED COMM.	15-06-6.2
P	KERRY GLENN FOSTER, ET UX	15-06-24
Q	RUSSELL W. STROPE & CRAIG D. STROPE	15-06-23
R	CHRISTINE A. BERNIER	15-06-22
S	CHRISTINE A. BERNIER	15-06-33
T	JOHN S. KUTIS & SYLVIA M. KUTIS	15-06-20
U	JOHN S. KUTIS & SYLVIA M. KUTIS	15-06-21
V	JOHN S. KUTIS & SYLVIA M. KUTIS	15-06-41
W	ELIZABETH A. MINER	15-06-42
X	ELIZABETH A. MINER	15-10-04
Y	LEO W. NEEHOUSE	15-10-05
Z	LEO W. NEEHOUSE	15-09-25
AA	LEO W. NEEHOUSE & BARBARA NEEHOUSE	15-09-15.1
BB	BONNIE SUE COLLINS & JUNIOR B. COLLINS	15-09-18
CC	RONALD LEE YOHO	15-09-13
DD	BONNIE SUE COLLINS & JUNIOR B. COLLINS	15-09-12
EE	DONALD R. YOHO, ET UX	15-09-12.2
FF	HARRY W. LILLEY, ET UX	15-06-17.1
GG	HERMAN D. ESTEL	15-06-17.2
HH	MARK FITZSIMMONS & RICKEE STROPE	15-06-16
II	R. CRAIG MILLER & DONITA D. MILLER	15-06-11
JJ	MARK B. FITZSIMMONS, ET UX	15-06-12
KK	KATIE L. FITZSIMMONS	15-06-13
LL	MICHAEL J. BURKEY & LINDA BURKEY	15-06-14.1
MM	KATIE L. FITZSIMMONS	15-06-07
NN	MARK FITZSIMMONS & RICKEE STROPE	15-06-08
OO	KYLEA J. REED	15-06-6.3

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
PP	GARY W. STROPE & RICKEE J. STROPE, TRUSTEES OF THE STROPE FAMILY TRUST DATED MARCH 20, 2017	15-06-6.1
QQ	LARRY W. DUNLAP & BARBARA DUNLAP	15-06-9.1
RR	MARK FITZSIMMONS & RICKEE STROPE	15-06-04
SS	JULIE A. ANDERSON	15-06-5.1
TT	LARRY W. DUNLAP & BARBARA E. DUNLAP	15-06-9.2
UU	MARK FITZSIMMONS & RICKEE STROPE	15-06-09
VV	MARK FITZSIMMONS & RICKEE STROPE	15-06-02
WW	EDNA S. GALL, EST. & FRANK P. LAUTAR EST.	15-06-01
XX	JASPER N. GIVENS	15-03-28
YY	JAMES S. SHIPLEY	15-03-26
ZZ	JAMES S. SHIPLEY	15-03-27
AAA	ANANTA RAMKAREE GAFFOOR & VANESSA GAFFOOR	15-02-12.9
BBB	GILDA ORTEGA	15-02-12.6
CCC	VRINDA D. CLOTHIER, ET AL	15-02-12.11
DDD	ISKON-NEW MATHURA VRINDABAN	15-02-05
EEE	GEETA	15-02-3.5
FFF	GEETA	15-02-3.6
GGG	ISKON-NEW MATHURA VRINDABAN	15-01-16.1
HHH	ISKON-NEW MATHURA VRINDABAN	15-01-17
III	ISKON-NEW MATHURA VRINDABAN	15-01-18
JJJ	JOHN H. MOWEN, JR. & SCOTT M. BIRDERMAN	15-01-18.1
KKK	ISKON-NEW MATHURA VRINDABAN	15-01-18.2
LLL	ISKON-NEW MATHURA VRINDABAN	15-01-16.3
MMM	ISKON-NEW MATHURA VRINDABAN	15-02-3.3
NNN	ANDY FRAENKEL & RUTH FRAENKEL	15-02-3.4
OOO	ANDY FRAENKEL & RUTH FRAENKEL	15-02-3.7
PPP	ELIJAH N. HELLER	15-02-3.9
QQQ	SHAM SHADEEN GAFFOOR & VIDYA RAMKAREE	15-02-3.8
RRR	ISKON-NEW MATHURA VRINDABAN	15-02-03
SSS	ISKON-NEW MATHURA VRINDABAN	15-02-02
TTT	JAMES A. PLANTS	15-01-23
UUU	GEETA	15-01-20
VVV	STATE OF WVA THE CONSERVATION COMMISSION	15-01-5.1
WWW	THOMAS LORENCE, ET UX	15-01-05
XXX	KENNETH L. MERINAR	15-01-6.2
YYY	KENNETH L. MERINAR, ET AL	15-01-6.3
ZZZ	GLENN M. HICKEY	15-01-6.1
AAAA	ISKON-NEW MATHURA VRINDABAN	15-01-08
BBBB	ISKON-NEW MATHURA VRINDABAN	15-01-12
CCCC	TATIA JOSEPHINE ROSE	15-01-10
DDDD	BETH ANN & JEREMY ALAN PRETTYMAN	15-01-19.1
EEEE	ELEANOR BROWN-CEMETERY	15-01-11
FFFF	ISKON-NEW MATHURA VRINDABAN	15-01-16.2
GGGG	ISKON-NEW MATHURA VRINDABAN	15-01-15
HHHH	ISKON-NEW MATHURA VRINDABAN	15-01-14
IIII	MARKWEST LIBERTY MIDSTREAM & RESOURCES LLC	15-02-3.1

REVISIONS:	COMPANY:	 	
	OPERATOR'S	GEETA MSH	
	WELL #:	47-051-02246 410H	
	DISTRICT:	COUNTY:	STATE:
	WEBSTER	MARSHALL	WV
			DATE: 06-13-2019
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2

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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.
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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 TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

WELL OPERATOR:
 SWN PRODUCTION COMPANY, LLC
 ADDRESS:
 1300 FORT PIERPONT RD. SUITE 200, MORGANTOWN, WV 26508
 SURFACE OWNER:
 GEETA

WELL (FARM) NAME: GEETA MSH	WELL # 410H	SERIAL #
COUNTY - CODE MARSHALL - 051	DISTRICT; WEBSTER	
USGS 7 1/2 QUADRANGLE MAP NAME MAJORSVILLE, WV		