



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Wednesday, June 23, 2021
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC
POST OFFICE BOX 12359

SPRING, TX 773914954

Re: Permit Modification Approval for BRIAN TESLOVICH BRK 5
47-009-00317-00-00

Updated Lease Chain - MCCORD HILL ROAD

SWN PRODUCTION COMPANY, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is positioned above the printed name and title.

James A. Martin
Chief

Operator's Well Number: BRIAN TESLOVICH BRK 5
Farm Name: BRIAN L. TESLOVICH
U.S. WELL NUMBER: 47-009-00317-00-00
Horizontal 6A New Drill
Date Modification Issued: 06/23/2021

Promoting a healthy environment.

06/25/2021

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: SWN Production Co., LLC

<u>494512924</u>	<u>009- Brooke</u>	<u>3- Buffalo</u>	<u>641- Tiltonsville</u>
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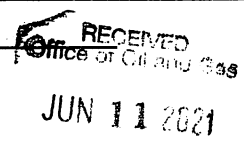
Operator ID County District Quadrangle

2) Operator's Well Number: Brian Teslovich BRK 5H Well Pad Name: Brian Teslovich BRK

3) Farm Name/Surface Owner: Brian L. Teslovich Public Road Access: McCord Hill Road

4) Elevation, current ground: 1149' Elevation, proposed post-construction: 1151'

5) Well Type (a) Gas Oil Underground Storage
Other _____
(b) If Gas Shallow Deep
Horizontal



6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s)
Target Formation- Marcellus, Up-Dip well to the North, Target Top TVD- 5751', Target Base TVD- 5802', Anticipated Thickness- 51', Associated Pressure- 3771

8) Proposed Total Vertical Depth: 5786'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 19395' ✓

11) Proposed Horizontal Leg Length: 12,885.03' ✓

12) Approximate Fresh Water Strata Depths: 115'

13) Method to Determine Fresh Water Depths: Nearby spring

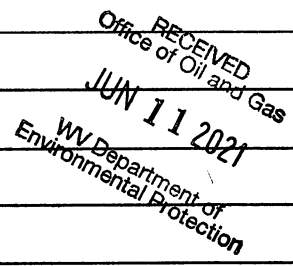
14) Approximate Saltwater Depths: 405'- Salinity Profile

15) Approximate Coal Seam Depths: 266'

16) Approximate Depth to Possible Void (coal mine, karst, other): Possible Void 266'

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____



18) CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	H-40	94#	100'	100' ✓	CTS
Fresh Water	13 3/8"	New	H-40	48#	320'	320' ✓	323 sx/CTS
Coal	See	Surface	Casing				
Intermediate	9 5/8"	New	J-55	36#	1609'	1609' ✓	632 sx/CTS
Production	5 1/2"	New	HCP-110	20#	19395'	19395'	lead 776sx/Tail 3171sx/ 100' inside interval
Tubing							
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	30"	0.25	2120	81	Class A	1.20/30% Excess
Fresh Water	13 3/8"	17.5"	0.380	2730	633	Class A	1.20/30% Excess
Coal	See	Surface	Casing				
Intermediate	9 5/8"	12 1/4"	0.352	3520	1768	Class A	1.19/40% Excess
Production	5 1/2"	8 3/4"-8 1/2"	0.361	14360	10500	Class A	1.19/5% Excess ✓
Tubing							
Liners							

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WV Department of Environmental Protection

PACKERS

Kind:				
Sizes:				
Depths Set:				

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and stimulate any potential zones between and including the Benson to Marcellus. **If we should encounter a void place basket above and below void area- balance cement to bottom of void and grout from basket to surface or run external casing packer/cementing stage tool above void interval and perform 2 stage cementing operation dependent upon depth of void. Run casing not less than 20' below void nor more than 75' below void. (*If freshwater is encountered deeper than anticipated it must be protected, set casing 50' below and cts.)

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Well will be perforated within the target formation and stimulated with a slurry of water, sand, and chemical additives at a high rate. This will be performed in stages with the plug and perf method along the wellbore until the entire lateral has been stimulated within the target formation. All stage plugs are then drilled out and the well is flowed back to surface. The well is produced through surface facilities consisting of high pressure production unites, horizontal separation units, water and oil storage tanks. Max press and anticipated max rate- 9000 lbs @ 100 barrels a minute.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 11.42

22) Area to be disturbed for well pad only, less access road (acres): 6.17

23) Describe centralizer placement for each casing string:

All casing strings will be ran with a centralizer at a minimum of 1 per every 3 joints of casing.

24) Describe all cement additives associated with each cement type:

See Attachment ***

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Environmental Protection

25) Proposed borehole conditioning procedures:

All boreholes will be conditioned with circulation and rotation for a minimum of one bottoms up and continuing until operator is satisfied with borehole conditions.

*Note: Attach additional sheets as needed.

Southwestern Energy Company

Proposed Drilling Program

Well: BRIAN TESLOVICH BRK 5
 Field: PANHANDLE FIELD WET
 County: BROOKE
 SHL: 40.2167 Latitude -80.6334 Longitude
 BHL: 40.2504 Latitude -80.6466 Longitude
 KB Elev: 1,175 ft MSL

Re-entry Rig: TBD
 Prospect: PANHANDLE
 State: WV



KB: 26 ft AGL GL Elev: 1,149 ft MSL

Coal Void at 266' TVD

PROD TOC Lead @ 1,629' MD
 PROD TOC Tail @ 5,100' MD

TUBULAR DETAIL

	Size (in)	Weight	Grade	From	To
Conductor/Coal:	20	94.0 #	H-40	0'	100'
Surf./Coal:	13.375	48.0 #	H-40	0'	320'
Intermediate:	9.625	36.0 #	J-55	0'	1,609'
Production:	5.5	20.0 #	HCP-110	0'	19,395'

CEMENT DETAIL

	Sacks	Class	Density
Conductor	151	A	19.3
Surface	323	A	15.6
Intermediate	632	A	15.6
Production Lead	776	A	15.6
Production Tail	3171	A	15.6

KOP at 5,173' MD

Freshwater Depth - 115' TVD

Coal Void Depth - 266' TVD

Saltwater Depth - 405' TVD

TVD - 5,786' JUN 11 2021

TMD - 19,394.54'
 WV Department of Environmental Protection

TD at 19,394.54' MD
 5,636' TVD

5,786' Target Center

EOB at 5,786' TVD

0' to 100'

0' to 340'
 Air / Mist

340' to 1,629'
 Air / Mist

1,629' to 5,173'
 Air / Mist

Air
 TD at 5,173'

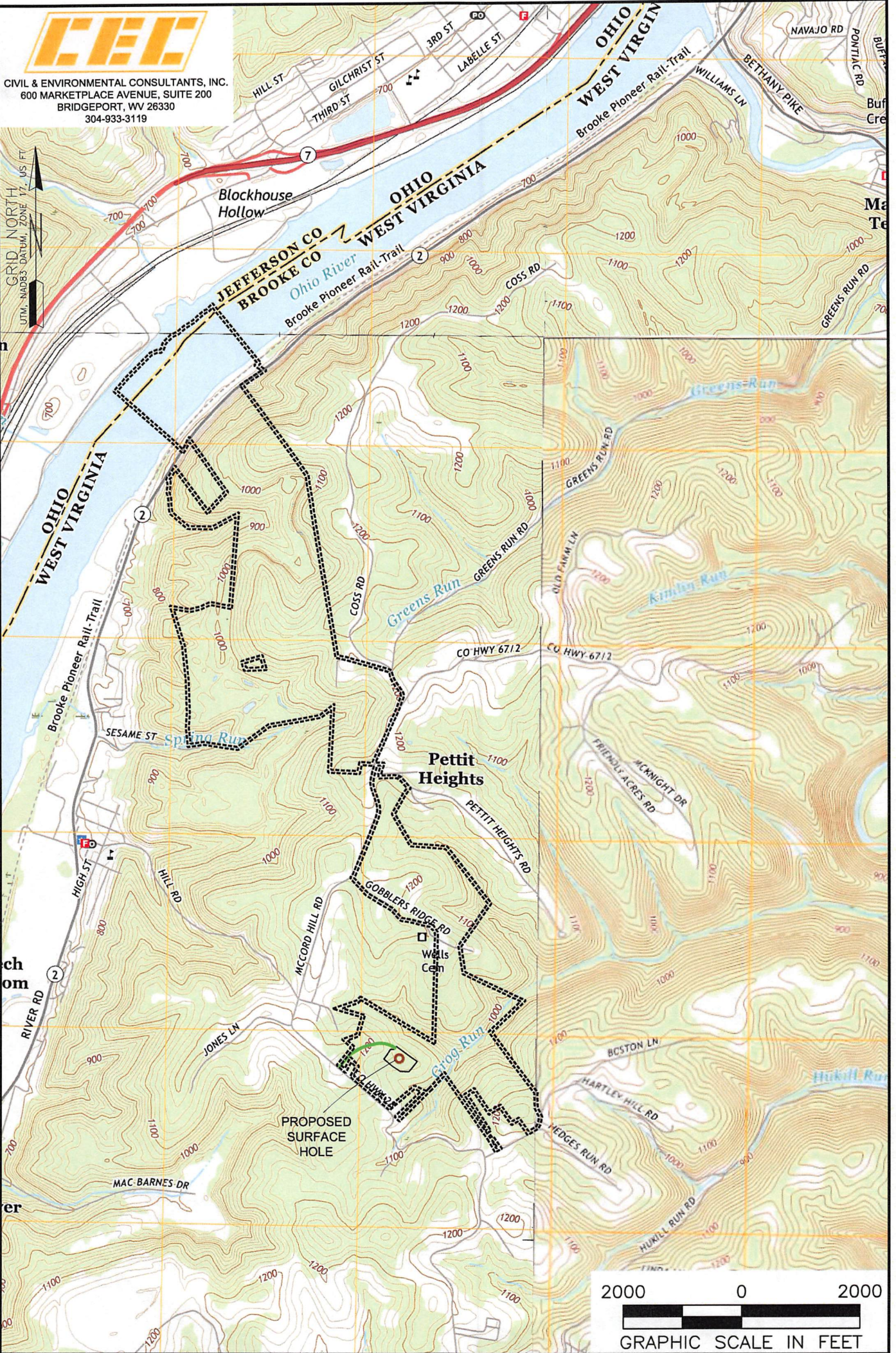
5,173' to 6,509'
 12.4 - 12.8 ppg

6,509' to 19,395'
 12.4 - 12.8 ppg



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 600 MARKETPLACE AVENUE, SUITE 200
 BRIDGEPORT, WV 26330
 304-933-3119

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



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.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

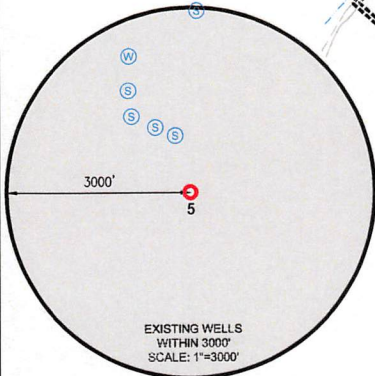
LEGEND:	PROPOSED SURFACE HOLE / BOTTOM HOLE	ACCESS ROAD
EXISTING / PRODUCING WELLHEAD	PUBLIC ROAD	PROPOSED PATH
LPL* LANDING POINT LOCATION	ACCESS ROAD TO THE SURFACE	LEASE BOUNDARY
FLOOD PLAIN		

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: BRIAN TESLOVICH BRK	WELL # 5H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201 MORGANTOWN, WV 26508	COUNTY - CODE BROOKE - 009	DISTRICT: BUFFALO DISTRICT	
SURFACE OWNER: BRIAN L. TESLOVICH	USGS 7 1/2 QUADRANGLE MAP NAME TILTONVILLE, WV		

06/25/2021



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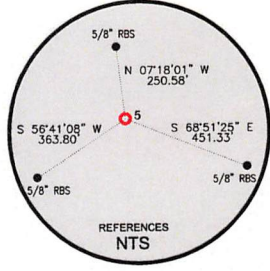


BOTTOM HOLE 6034' SURFACE HOLE 2334'

Top Hole Latitude: 40°15'00"
Bottom Hole Latitude: 40°17'30"

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

Bottom Hole Longitude: 80°37'30"
Top Hole Longitude: 80°37'30"



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,451,868.881 EASTING: 531,197.355
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,452,017.407 EASTING: 531,642.267
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,455,607.712 EASTING: 530,054.176

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 2,068 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 800 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.

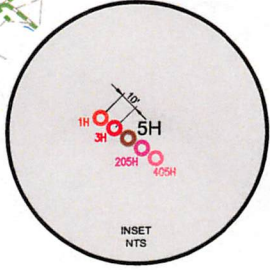
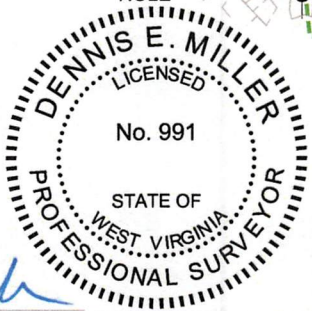
NOTES ON SURVEY

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.
4. 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. 991



<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/200</p> <p>PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)</p>	<p>COMPANY: SWN Production Company, LLC</p> <p>OPERATOR'S WELL #: 5</p> <p>API WELL #: 47 009 00317 STATE COUNTY PERMIT</p>
	<p>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"/></p> <p>WATERSHED: GROG RUN ELEVATION: 1,149.0'</p> <p>DISTRICT: BUFFALO DISTRICT COUNTY: BROOKE QUADRANGLE: TILTONVILLE</p> <p>SURFACE OWNER: BRIAN L. TESLOVICH ACREAGE: 50.911±</p> <p>OIL & GAS ROYALTY OWNER: BRIAN L. TESLOVICH ACREAGE: 50.911±</p> <p>DRILL <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/></p> <p>CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)</p> <p>TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5786 TMD - 19,394.54 TMD</p>	<p>BRIAN TESLOVICH BRK</p> <p>DATE: 06-25-2021</p>

<p>WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508</p>	<p>DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508</p>
<p>LEGEND:</p> <ul style="list-style-type: none"> 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 	<p>REVISIONS:</p> <ul style="list-style-type: none"> REVISED 6A1 OWNERSHIP 06-03-2021 <p>DATE: 06-04-2021</p> <p>DRAWN BY: K.E.S.</p> <p>SCALE: 1" = 2000'</p> <p>DRAWING NO: 175-057</p> <p>WELL LOCATION PLAT</p>



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
600 MARKETPLACE AVENUE, SUITE 200
BRIDGEPORT, WV 26330
304-933-3119

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	BRIAN L. TESLOVICH/SWN PRODUCTION COMPANY, LLC	03-B36-145	50.911
2	DONNELLY LORIE T. & HOIT MICHAEL S. (SURV)	03-B36-130	5.75
3	MILLER LOUIS	03-B36-125	29.47
4	JOHN A. CATULLO	03-B36-157	39.50
5	MCCONKEY TIMOTHY T. & CATHERINE (SURV)	03-B36-155	11.90
6	MCCONKEY TIMOTHY T. & CATHERINE (SURV)	03-B36-154	9.00
7	MCCONKEY TIMOTHY T. & CATHERINE (SURV)	03-B36-153	18.38
8	HEHR JUSTIN W. & DAYNA A.	03-B36-152	10.50
9	HEHR JUSTIN	03-B36-151	10.55
10	LEMASTERS HARLEY J. & REBECCA K. (SURV)	03-B36-150	3.06
11	LEMASTERS HARLEY J. & REBECCA K. (SURV)	03-B36-149	2.70
12	LEMASTERS HARLEY J.	03-B36-148	3.60
13	LEMASTERS HARLEY J.	03-B36-147	4.00
14	MATASK REBECCA K.	03-B36-16	0.81
15	MCCORD HILL ROAD		
16	MATHESS JOSHUA	03-B31-77	12.76
17	WALNOHA MICHAEL S.	03-B31-78	5.15
18	WALNOHA MICHAEL S.	03-B31-79	2.77
19	WOOLWINE TIMOTHY A. & MELINA BETH	03-B31-80	18.42
20	WOOLWINE TIMOTHY A. & MELINA BETH	03-B31-80.1	1.00
21	CROSS REBECCA RUTH	03-B31-81.1	5.00
22	LOMBARD BERNARD J. III	03-B31-81	86.31
23	LOMBARD BERNARD J. III	03-B31-82	100.52
24	THOMPSON ET AL & A&G THOMPSON GROUP LLC	03-B31-8	45.25
25	WALNOHA RAY	01-B31-6	26.00
26	BROOKE CO. RT. 2		
27	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	3-B27-11	
28	TOUPS FAMILY TRUST OF 2013 MATHEW & ELIZ PADDEN-CO-TRUS	3-B31-14	10.15
29	STATE OF WEST VIRGINIA		

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	COULTER LYNN; DAVID ET AL	03-B36-143	1.28
B	COLUMBIA GAS COMPANY	03-B36-144	0.048
C	WINDSOR POWER HOUSE COAL COMAPNY	03-B36-104	87.28
D	TAMMY S. MASSEY	03-B36L-39	0.5
E	LOUGHRIE FLOYD R. & DORIS M.	03-B36L-38	2.80
F	KEITH HAMILTON	03-B36L-37	5.10
G	STILLION DANNY L. & THERESA E.	03-B36L-40	2.00
H	BRIAN TESLOVICH	03-B36L-69	50.911
I	CONLEY CHARLES & LINDA LOU	03-B36L-56	5.209
J	BEECH CREST IMPROVEMENT	03-B36L-58	0.52
K	LEMASTERS LARRY W. & LINDA J.	03-B36L-59	2.31
L	LEMASTERS HARLEY J. & REBECCA K.	03-B36-158	23.70
M	LEMASTERS HARLEY J. & REBECCA K.	03-B36-159	13.00
N	WRIGHT MARKUS K. & PEGGY J.	03-B36-160	7.30
O	VIAU THOMAS J. JENNIFER J.	03-B36-161	4.65
P	GRAHAM DEBORAH A.	03-B36-162	3.21
Q	LEMASTERS HARLEY J.	03-B36-170	10.00
R	LEONARD BRANNON P. & EMILY M. (SURV)	03-B36-171	7.50
S	LEONARD BRANNON P. & EMILY M. (SURV)	03-B36-172	7.80
T	LEONARD PAUL D & KIMBERLY D. (SURV)	03-B36-173	6.15
U	HOFFMAN JOHN R; BUCHANAN ALICE J.	03-B36-174	2.60
V	HOFFMAN JOHN R; BUCHANAN ALICE J.	03-B36-175	6.10
W	FODOR STEPHEN A.; BROWNLEE JUDY L.	03-B36-176	17.65
X	WILSON DAVID CURTIS & HAZEL (SURV)	03-B36-15	0.97
Y	BUSINESS DEV CORP OF THE NORTHERN PANHANDLE	03-BB36-23	390.743
Z	GARY BUCEY, JEFFREY BUCEY, TIMOTHY BUCEY, KEITH DODD, LYNN DODD, CAROLL LANDMEYER, HENRY WELLS, JR, REBECCA WELLS ROCCA	03-B31-74	1.72
AA	BAKER OTIS M. JR & EDNA JO	03-BB31-19	12.21
BB	PELL ALBERT T. & SHELIA (SURV)	03-BB31-25	3.92
CC	LOMBARD BERNARD J. III	03-B31-58	8.00
DD	LOMBARD BERNARD J. III	01-BB31-58	
EE	ROBINSON PATRICIA GRAYSON	03-B31-83	1.00
FF	KOKOSINSKI JOHN T.; JASON JARRETT (SURV)	01-BB31-64	12.44
GG	SCHIAPPA AND COMPANY INC	03-BB31-65	24.60
HH	ONONDAGA HOLDING COMPANY LLC	01-BB31-67	3.33
II	ALLEN CHARLES WESLEY	03-B31-7	6.75
JJ	HFS LIMITED LIABILITY COMPANY	03-B31-4	15.79
KK	WALNOHA RAY	03-B31-5	26.00
LL	PARKS RONALD C	03-B31-134	8.15
MM	TORBETT WILLIAM E	03-B31-131	5.31

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
NN	WEEKLY MARION; GROVES NANCY	03-B31-130	6.08
OO	GRIMM JAMES W.	03-B31-129	4.71
PP	GRIMM JAMES W. & ROBIN LYNN (SURV)	03-B31-128	4.40
QQ	GRIMM JAMES W.	03-B31-127	4.95
RR	LEMASTERS HARLEY J.	03-B31-126	3.50
SS	STEWART DEBBIE	03-B31-125	3.09
TT	LEMASTERS HARLEY J.	03-B31-124	3.44
UU	LEMASTERS HARLEY J. & REBECCA K. (SURV)	03-B31-123	2.00
VV	COOPER KYLE T. & KATLIN R.	03-B31-122	
WW	THOMAS BETTY A	03-B31-85	0.94
XX	THOMAS ROBERT LEE SR. & LINDA SUE	03-B31-109	1.40
YY	BLAKE LONNIE V.	03-B31-90	5.00
ZZ	BLAKE LONNIE	03-B31-89	29.15
AAA	HUGGINS PERCY E. & DOROTHY I.	03-B31-88	2.00
BBB	LONG JAMES J. & GERALDINE	03-B31-87	2.30
CCC	HILDERBRAND ROBERT D. & CAROLYN (SURV)	03-B31-86	6.07
DDD	GRIZZLE HEYWARD H. & DORA G.	03-B36-17	0.45
EEE	KLOVANISH JOHN JR.; DRAKE RUNDA; BUHL DARLENE	03-B36-18	0.48
FFF	MCLAUGHLIN KENNETH J. SR & KIMBERLY A. (SURV)	03-B36-19	0.37
GGG	LEMASTERS HARLEY J.	03-B36-147	4.00
HHH	ASHBROOK HARRY A.	03-B36-67	0.60
III	NORTHERN PANHANDLE BOWMEN CLUB	03-B36-70	11.47
JJJ	ELLIOTT HAROLD EARL	03-B36-57	10.48
KKK	MILLER JOSEPH R.	03-B36-48	2.65
LLL	WALNOHA CAROL	03-B36-47	7.26
MMM	CIUMMO TARQUINIO; EMMA M; ANTONIO (SURV)	03-B36-156	33.53
NNN	LOUGHERY VICKIE C. & SHEENA R.	03-B37-41	41.00
OOO	LEWIS GEORGE M. & JUDY A. (SURV)	03-B37-41.1	5.56
PPP	HUFF JOHN JOSEPH & CHRISTINE C.	03-B37-116	1.08
QQQ	NICHOLSON DANIEL A.	03-B37-117	1.10
RRR	GRIZZEL MARK A. (LE-EUGENE & MARGARET GRIZZEL)	03-B37-113	1.25
SSS	FREDERICK & JULIE DAVIS	03-B37-119	23.62
TTT	MATTHEWS LORI	03-B37-119.2	2.434
UUU	FREDERICK & JULIE DAVIS	03-B37-119	23.62
VVV	HOPKINS DALE V.	03-B36-124	34.11
WWW	CHAPEL HILL CHURCH	03-B36-131	1.10
XXX	RICKEY E. FIBER	03-B36-132	8.46
YYY	ADAMS MARK A. & MELODY J.	03-B36-142	6.21

API WELL #: **47** **009** **00317**
STATE COUNTY PERMIT

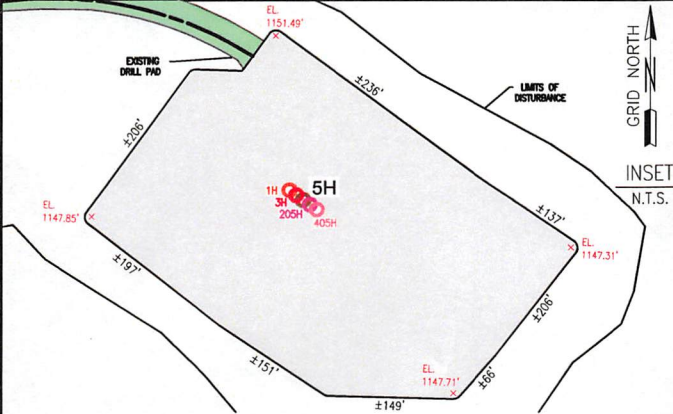
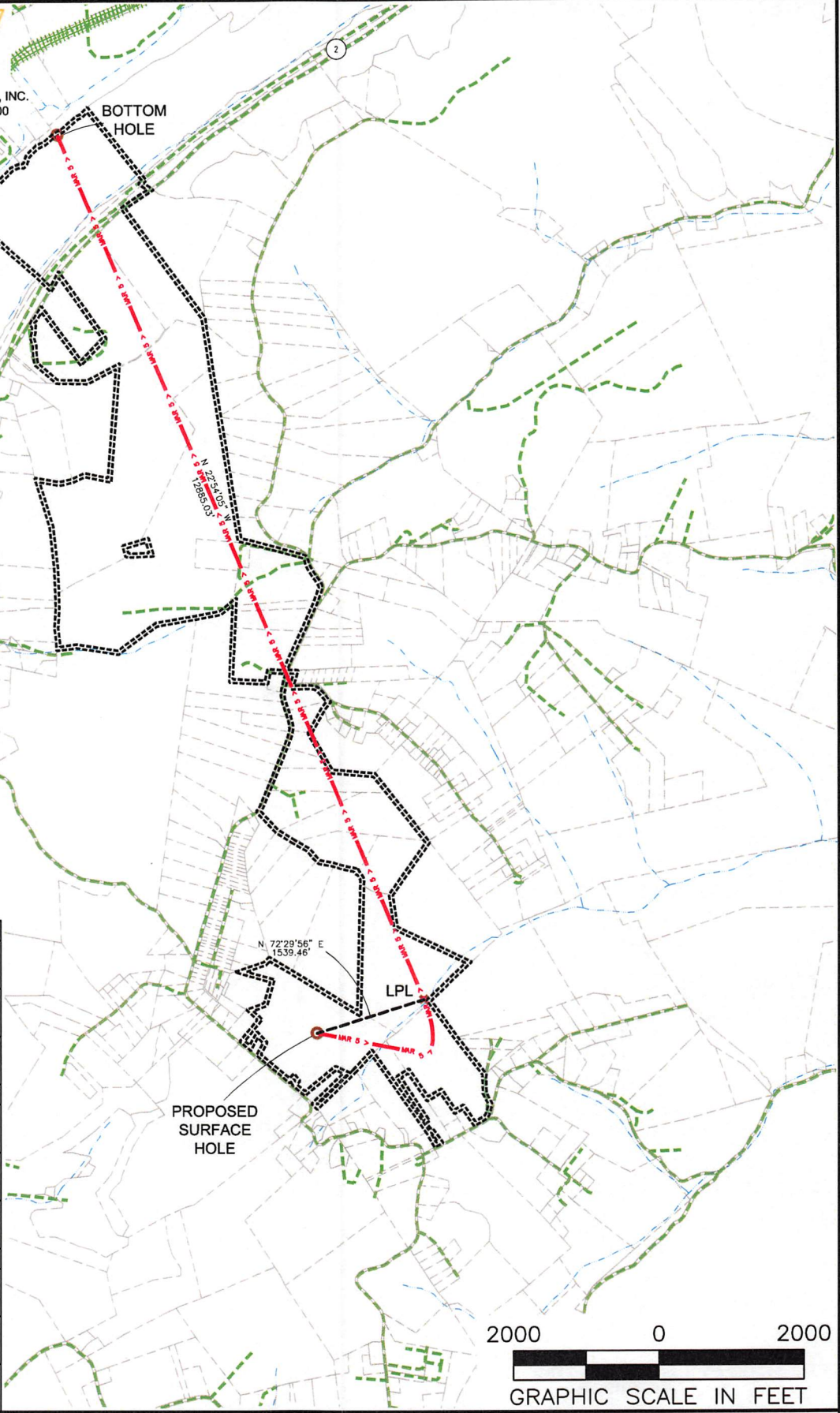
REVISIONS: △ REVISED 6A1 OWNERSHIP 06-03-2021	COMPANY: SWN Production Company, LLC	SWN Production Company™	DATE: 06-04-2021
	OPERATOR'S WELL #:	BRIAN TESLOVICH BRK 5	DRAWN BY: K.E.S.
	DISTRICT: BUFFALO DISTRICT	COUNTY: BROOKE	SCALE: N/A
		STATE: WV	DRAWING NO: 175-057
			WELL LOCATION PLAT 2



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
600 MARKETPLACE AVENUE, SUITE 200
BRIDGEPORT, WV 26330
304-933-3119

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

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.216657° LONGITUDE: -80.633358°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,605,839.820 EASTING: 1,742,769.990
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,451,868.881 EASTING: 531,197.355
LANDING POINT LOCATION (LPL):
GEOGRAPHIC (NAD83): LATITUDE: 40.217978° LONGITUDE: -80.628122°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,606,327.110 EASTING: 1,744,229.670
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,452,017.407 EASTING: 531,642.267
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.250382° LONGITUDE: -80.646618°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,618,106.300 EASTING: 1,739,019.410
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,455,607.712 EASTING: 530,054.176



NOTE: ANY UTILITIES OR IMPROVEMENTS SHOWN ON THIS PLAT ARE FROM REASONABLE VISUAL OBSERVATIONS. NO UTILITY COMPANIES WERE CONTACTED FOR UTILITY LINE LOCATIONS.

LEGEND:	— DRILLING UNIT
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	===== LEASE BOUNDARY
○ EXISTING / PRODUCING WELLHEAD	===== HARDLINE BOUNDARY
○ ABANDONED WELL	- UPP 2 > - UPPER POINT PLEASANT PATH
○ PLUGGED & ABANDONED WELL	- MAR 2 > - MARCELLUS PATH
LPL* LANDING POINT LOCATION	TPL* TURNING POINT LOCATION

COMPANY:		
OPERATOR'S BRIAN TESLOVICH BRK		
WELL #: 47-009-00317		5
DISTRICT: BUFFALO DISTRICT	COUNTY: BROOKE	STATE: WV

SWN PRODUCTION COMPANY, LLC
SURFACE HOLES
 1. "BRIAN TESLOVICH BRK 1H"
 2. "BRIAN TESLOVICH BRK 3H"
 3. "BRIAN TESLOVICH BRK 5H"
 4. "BRIAN TESLOVICH BRK 205H"
 5. "BRIAN TESLOVICH BRK 405H"

06/25/2021

REVISIONS:	DATE: 06-04-2021
△ REVISED 6A1 OWNERSHIP 06-03-2021	
	DRAWN BY: K.E.S.
	SCALE: 1" = 2000'
	DRAWING NO: 175-057
	INTERNAL WELL PLAT

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Exhibit "A"				

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

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The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: SWN Production Company, LLC
 By: Bailey Brougher
 Its: Senior Landman

EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, LLC, Operator
 Brian Teslovich BRK 5H
 Brooke County, West Virginia

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#	TMP	LESSOR	LESSEE	ROYALTY %	HP/KPG	Interest Not Leased by SWN Production Company, LLC
✓ 1	3-B36-145	Mountainer Natural Gas Company	Chesapeake Appalachia, LLC	17.00%	24/216	0.00%
		Martha E. Wakefield	SWN Production Company, LLC		30/480	
		Janet L. Debar, a/k/a Janet Agnew Debar	SWN Production Company, LLC	16.00%	47/527	
		Mark Leavitt, single	SWN Production Company, LLC	16.00%	47/774	
		Jean E. Leavitt, single	SWN Production Company, LLC	16.00%	47/787	
		Thomas Leavitt, single	SWN Production Company, LLC	16.00%	48/1	
		Alan Westelin and Sally A. Westelin, husband and wife	SWN Production Company, LLC	16.00%	48/200	
				16.00%	49/20	
✓ 2	3-B36-130	Lawrence J. Gribben and Joan M. Gribben, his wife and Lawrence K. Gribben, a single man	Chesapeake Appalachia, LLC	18.00%	18/599	0.00%
			SWN Production Company, LLC		30/480	
✓ 3	3-B36-125	Herbert G. Weaver, Jr. and Anita H. Weaver, husband and wife	Great Lakes Energy Partners, LLC	12.50%	10/149	0.00%
			Range Resources-Appalachia, LLC		20/733	
			Chesapeake Appalachia, LLC		10/552	
			SWN Production Company, LLC		30/480	
✓ 4	3-B36-157	Anna May Miller, a widow, dealing herein with her separate property	SWN Production Company, L.L.C.	18.00%	37/112	0.00%
		James E. Williams, a married man dealing herein with his separate property, and Lois A. Williams, a married woman, dealing herein with her sperate property	SWN Production Company, LLC	14.00%	38/723	
		Marilyn Miller, a widow	SWN Production Company, LLC	16.00%	39/443	
		Joanne L. Turner, a widow	SWN Production Company, L.L.C.	16.00%	39/449	
		Joseph R. N. Miller III, a married man, dealing herein with his sperate property	SWN Production Company, LLC	16.00%	39/455	
		Robert W. Dally, Jr., a single man represented herein by Clifford E. Good, as Power of Attorney	SWN Production Company, LLC	18.00%	39/467	
		Joyce H. Tomalin Miller, represented herein by Attorney-in-Fact Susanne M. Ross	SWN Production Company, LLC	18.00%	39/473	
		Beverly Miller, a widow	SWN Production Company, LLC	18.00%	39/479	
		Donald A. Alexander, a married man, dealing herein with his separate property, Ronnie L. Alexander, a married man, dealing herein with his separate property, August Robert Alexander, a married man, dealing herein with his separate property, Linda S. Greathouse, a married woman, dealing herein with her sperate property, Charlene LeMasters, a married woman, dealing herein with her separate property, Wanda Bennet, a widow, dealing herein with her separate property, Beverly Clifton-Lowe, a married woman, dealing herein with her separate property, Norma Jean Schoene, a married woman, dealing herein with her separate property, Dorothy Craft, a single woman, Nancy Postle, a married woman, dealing herein with her separate property	SWN Production Company, LLC	18.00%	39/543	
		Marjorie Cook DeShazer, a widow	SWN Production Company, LLC	14.00%	39/793	
		Robert L. Miller, Jr., married, dealing herein with his separate property, represented herein by Attorney-in-Fact, Susanne M. Ross	SWN Production Company, LLC	18.00%	40/7	
		Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177	
		Daniel Branch, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/641	
		Bobette McCormick, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/202	
		Nancy Stratford, f/k/a Nancy Miller, widow, represented herein by Margaret Miller as Power of Attorney	SWN Production Company, LLC	14.00%	41/684	
		Peter Brade, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/690	
		Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	41/696	
		George Diehl II, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/770	
		James Branch, single	SWN Production Company, LLC	14.00%	41/782	

	James Diehl, single	SWN Production Company, L.L.C.	14.00%			
	Janice Miller, single	SWN Production Company, L.L.C.	14.00%			
	Karen Blinswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/788		
	Laurence B. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	417/94		
	Margaret Miller, single	SWN Production Company, LLC	14.00%	42/19		
	Marjorie Miller Winhoven, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	42/43		
				42/67		
				42/73		
	Eric Price, married, dealing herein with his separate property	SWN Production Company, LLC	18.00%	46/786		
	Frederick Anton Schneider, widow	SWN Production Company, LLC	18.00%	46/176		
	Christine Herriott, f/k/a Christine George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/182		
	Susan Sprouse, f/k/a Susan Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/296		
	Shemel Novinger, f/k/a Sherrel Pierson, single	SWN Production Company, LLC	14.00%	46/483		
	Darrel Pierson, single	SWN Production Company, LLC	14.00%	46/495		
	Arjanta Scott, f/k/a Arjanta George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/768		
	Jean Weaver, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/774		
	Lawrence S. George II, a/k/a Stephen George, married herein with his separate property	SWN Production Company, LLC	18.00%	47/30		
	Bonnie Walter	SWN Production Company, LLC	18.00%	47/48		
	Benjamin Price, single	SWN Production Company, LLC	18.00%	47/607		
	Ernest N. Palmer, a widower, dealing herein with his separate property	SWN Production Company, LLC	18.00%	39/461		
	David Drummond, single	SWN Production Company, LLC	14.00%	50/721		
	Diane Carol Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/733		
	Jessica Marie Jensen, f/k/a Jessica Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/754		
	Jonathon Montgomery, single	SWN Production Company, LLC	14.00%	50/742		
	Sheri Lynn Hugie, a divorced woman	SWN Production Company, LLC	16.00%	48/706		
	Arthur D. Stoner aka Art Dwight Stoner, a divorced man	SWN Production Company, LLC	16.00%	48/770		
	Donald Geer and Dolores Ann Geer aka Dee Geer, husband and wife	SWN Production Company, LLC	16.00%	48/778		
	Pamela Sue Amadril, a divorced woman	SWN Production Company, LLC	16.00%	49/1		
	Scott G. Duncan and Heather S. Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/141		
	Mark Bryan Duncan and Cynthia Elizabeth Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/248		
	Andres Glassow and Karyn S. Glassow, husband and wife	SWN Production Company, LLC	16.00%	49/300		
	Sean Timothy Duncan, a divorced man	SWN Production Company, LLC	16.00%	49/438		
	Kevin Ryan, married, dealing in his separate property	SWN Production Company, LLC	18.00%	401/305		
	Johanna Ryan, appearing as an Individual and as Executrix of the Estate of Vincent Jason Ryan III	SWN Production Company, LLC	18.00%	59/43		
	William H.M. Ryan, single	SWN Production Company, LLC	18.00%	57/466		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	386/387 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/568 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/560 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/564 (Mineral Deed)		
	Jerome Williams, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	53/388		
5	3-B36-155	Anna May Miller, a widow, dealing herein with her separate property	SWN Production Company, L.L.C.	18.00%	37/112	0.00%
		James E. Williams, a married man dealing herein with his separate property, and Lois A. Williams, a married woman, dealing herein with her sperate property	SWN Production Company, LLC	14.00%	38/723	
		Marilyn Miller, a widow	SWN Production Company, LLC	16.00%	39/443	
		Joanne L. Turner, a widow	SWN Production Company, L.L.C.	16.00%	39/449	
		Joseph R. N. Miller III, a married man, dealing herein with his sperate property	SWN Production Company, LLC	16.00%	39/455	

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Robert W. Dally, Jr., a single man represented herein by Clifford E. Good, as Power of Attorney	SWN Production Company, LLC	18.00%	39/467
Joyce H. Tornalin Miller, represented herein by Attorney-in-Fact Susanne M. Ross	SWN Production Company, LLC	18.00%	39/473
Beverly Miller, a widow	SWN Production Company, LLC	18.00%	39/479
Donald A. Alexander, a married man, dealing herein with his separate property,	SWN Production Company, LLC	18.00%	39/543
Ronnie L. Alexander, a married man, dealing herein with his separate property,			
August Robert Alexander, a married man, dealing herein with his separate property,			
Linda S. Greathouse, a married woman, dealing herein with her separate property,			
Charlene LeMasters, a married woman, dealing herein with her separate property,			
Wanda Bennet, a widow, dealing herein with her separate property,			
Beverly Clifton-Lowe, a married woman, dealing herein with her separate property,			
Norma Jean Schoene, a married woman, dealing herein with her separate property,			
Dorothy Craft, a single woman, Nancy Postle, a married woman, dealing herein with her separate property			
Marjorie Cook DeShazer, a widow	SWN Production Company, LLC	14.00%	39/793
Robert L. Miller, Jr., married, dealing herein with his separate property, represented herein by Attorney-in-Fact, Susanne M. Ross	SWN Production Company, LLC	18.00%	40/7
Dennis Stroff, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177
Daniel Branch, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/641
Bobette McCormick, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/202
Nancy Stratford, f/k/a Nancy Miller, widow, represented herein by Margaret Miller as Power of Attorney	SWN Production Company, LLC	14.00%	41/684
Peter Brade, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/690
Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	41/696
George Diehl II, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/770
James Branch, single	SWN Production Company, LLC	14.00%	41/782
James Diehl, single	SWN Production Company, L.L.C.	14.00%	41/788
Janice Miller, single	SWN Production Company, L.L.C.	14.00%	41/794
Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	42/19
Laurence B. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	42/43
Margaret Miller, single	SWN Production Company, LLC	14.00%	42/67
Marjorie Miller Winhoven, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	42/73
Eric Price, married, dealing herein with his separate property	SWN Production Company, LLC	18.00%	46/786
Frederick Anton Schneider, widow	SWN Production Company, LLC	18.00%	46/176
Christine Herriott, f/k/a Christine George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/182
Susan Sprouse, f/k/a Susan Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/296
Sherrel Novinger, f/k/a Sherrel Pierson, single	SWN Production Company, LLC	14.00%	46/483
Darrel Pierson, single	SWN Production Company, LLC	14.00%	46/495
Arjanta Scott, f/k/a Arjanta George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/768
Jean Weaver, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/774
Lawrence S. George II, a/k/a Stephen George, married herein with his separate property	SWN Production Company, LLC	18.00%	47/30
Bonnie Walter	SWN Production Company, LLC	18.00%	47/48
Benjamin Price, single	SWN Production Company, LLC	18.00%	47/607
Ernest N. Palmer, a widower, dealing herein with his separate property	SWN Production Company, LLC	18.00%	39/461
David Drummond, single	SWN Production Company, LLC	14.00%	50/721
Diane Carol Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/733
Jessica Marie Jensen, f/k/a Jessica Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/754

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	Jonathon Montgomery, single	SWN Production Company, LLC	14.00%	53/742		
	Sheri Lynn Hugel, a divorced woman	SWN Production Company, LLC	16.00%	48/706		
	Arthur D. Stoner aka Art Dwight Stoner, a divorced man	SWN Production Company, LLC	16.00%	48/770		
	Donald Geer and Dolores Ann Geer aka Dee Geer, husband and wife	SWN Production Company, LLC	16.00%	48/778		
	Pamela Sue Amadril, a divorced woman	SWN Production Company, LLC	16.00%	49/1		
	Scott G. Duncan and Heather S. Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/141		
	Mark Bryan Duncan and Cynthia Elizabeth Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/248		
	Andres Glassow and Karyn S. Glassow, husband and wife	SWN Production Company, LLC	16.00%	49/300		
	Sean Timothy Duncan, a divorced man	SWN Production Company, LLC	16.00%	49/438		
	Kevin Ryan, married, dealing in his separate property	SWN Production Company, LLC	18.00%	401/305		
	Johanna Ryan, appearing as an Individual and as Executrix of the Estate of Vincent Jason Ryan III	SWN Production Company, LLC	18.00%	59/43		
	William H.M. Ryan, single	SWN Production Company, LLC	18.00%	57/466		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	388/387 (Mineral Deed)		
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	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/564 (Mineral Deed)		
	Jerome Williams, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	53/368		
6	3-B36-154	Anna May Miller, a widow, dealing herein with her separate property	SWN Production Company, L.L.C.	18.00%	37/112	0.00%
		James E. Williams, a married man dealing herein with his separate property, and Lois A. Williams, a married woman, dealing herein with her sperate property	SWN Production Company, LLC	14.00%	38/723	
		Marilyn Miller, a widow	SWN Production Company, LLC	16.00%	39/443	
		Joanne L. Turner, a widow	SWN Production Company, L.L.C.	16.00%	39/449	
		Joseph R. N. Miller III, a married man, dealing herein with his sperate property	SWN Production Company, LLC	16.00%	39/455	
		Robert W. Dally, Jr., a single man represented herein by Clifford E. Good, as Power of Attomey	SWN Production Company, LLC	18.00%	39/467	
		Joyce H. Tomalin Miller, represented herein by Attorney-in-Fact Susanne M. Ross	SWN Production Company, LLC	18.00%	39/473	
		Beverly Miller, a widow	SWN Production Company, LLC	18.00%	39/479	
		Donald A. Alexander, a married man, dealing herein with his separate property,	SWN Production Company, LLC	18.00%	39/543	
		Ronnie L. Alexander, a married man, dealing herein with his separate property,				
		August Robert Alexander, a married man, dealing herein with his separate property,				
		Linda S. Greathouse, a married woman, dealing herein with her sperate property, Charlene LeMasters, a married woman, dealing herein with her separate property, Wanda Bennet, a widow, dealing herein with her separate property, Beverly Clifton-Lowe, a married woman, dealing herein with her separate property, Norma Jean Schoene, a married woman, dealing herein with her separate property, Dorothy Craft, a single woman, Nancy Postle, a married woman, dealing herein with her separate property				
		Marjorie Cook DeShazer, a widow	SWN Production Company, LLC	14.00%	39/793	
		Robert L. Miller, Jr., married, dealing herein with his separate property, represented herein by Attorney-in-Fact, Susanne M. Ross	SWN Production Company, LLC	18.00%	40/7	
		Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177	
		Daniel Branch, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/641	
		Bobette McCormick, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/202	
		Nancy Stratford, f/k/a Nancy Miller, widow, represented herein by Margaret Miller as Power of Attorney	SWN Production Company, LLC	14.00%	41/684	
		Peter Brade, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/680	
		Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	41/686	
		George Diehl II, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/770	
		James Branch, single	SWN Production Company, LLC	14.00%	41/782	

	James Diehl, single	SWN Production Company, L.L.C.	14.00%			
	Janice Miller, single	SWN Production Company, L.L.C.	14.00%			
	Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%			
	Laurence B. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	42/46		
	Margaret Miller, single	SWN Production Company, LLC	14.00%	42/67		
	Marjorie Miller Winhoven, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	42/73		
	Eric Price, married, dealing herein with his separate property	SWN Production Company, LLC	18.00%	46/786		
	Frederick Anton Schneider, widow	SWN Production Company, LLC	18.00%	46/176		
	Christine Harriott, f/k/a Christine George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/182		
	Susan Sprouse, f/k/a Susan Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/296		
	Sherrel Novinger, f/k/a Sherrel Pierson, single	SWN Production Company, LLC	14.00%	46/483		
	Darrel Pierson, single	SWN Production Company, LLC	14.00%	46/495		
	Arjanta Scott, f/k/a Arjanta George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/768		
	Jean Weaver, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/774		
	Lawrence S. George II, a/k/a Stephen George, married herein with his separate property	SWN Production Company, LLC	18.00%	47/30		
	Bonnie Walter	SWN Production Company, LLC	18.00%	47/48		
	Benjamin Price, single	SWN Production Company, LLC	18.00%	47/607		
	Ernest N. Palmer, a widower, dealing herein with his separate property	SWN Production Company, LLC	18.00%	39/461		
	David Drummond, single	SWN Production Company, LLC	14.00%	50/721		
	Diane Carol Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/733		
	Jessica Marie Jensen, f/k/a Jessica Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/754		
	Jonathon Montgomery, single	SWN Production Company, LLC	14.00%	50/742		
	Sheri Lynn Hugie, a divorced woman	SWN Production Company, LLC	16.00%	48/706		
	Arthur D. Stoner aka Art Dwight Stoner, a divorced man	SWN Production Company, LLC	16.00%	48/770		
	Donald Geer and Dolores Ann Geer aka Dee Geer, husband and wife	SWN Production Company, LLC	16.00%	48/778		
	Pamela Sue Amadri, a divorced woman	SWN Production Company, LLC	16.00%	49/1		
	Scott G. Duncan and Heather S. Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/141		
	Mark Bryan Duncan and Cynthia Elizabeth Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/248		
	Andres Glassow and Karyn S. Glassow, husband and wife	SWN Production Company, LLC	16.00%	49/300		
	Sean Timothy Duncan, a divorced man	SWN Production Company, LLC	16.00%	49/438		
	Kevin Ryan, married, dealing in his separate property	SWN Production Company, LLC	18.00%	401/305		
	Johanna Ryan, appearing as an individual and as Executrix of the Estate of Vincent Jason Ryan III	SWN Production Company, LLC	18.00%	59/43		
	William H.M. Ryan, single	SWN Production Company, LLC	18.00%	57/466		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	388/387 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/568 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/560 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/564 (Mineral Deed)		
	Jerome Williams, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	53/368		
7	3-B36-153	Anna May Miller, a widow, dealing herein with her separate property	SWN Production Company, L.L.C.	18.00%	37/112	0.00%
		James E. Williams, a married man dealing herein with his separate property, and Lois A. Williams, a married woman, dealing herein with her separate property	SWN Production Company, LLC	14.00%	38/723	
		Marilyn Miller, a widow	SWN Production Company, LLC	16.00%	39/443	
		Joanne L. Turner, a widow	SWN Production Company, L.L.C.	16.00%	39/449	
		Joseph R. N. Miller III, a married man, dealing herein with his separate property	SWN Production Company, LLC	16.00%	39/455	

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Robert W. Dally, Jr., a single man represented herein by Clifford E. Good, as Power of Attorney	SWN Production Company, LLC	18.00%	
Joyce H. Tomalin Miller, represented herein by Attorney-in-Fact Susanne M. Ross	SWN Production Company, LLC	18.00%	
Beverly Miller, a widow	SWN Production Company, LLC	18.00%	
Donald A. Alexander, a married man, dealing herein with his separate property,	SWN Production Company, LLC	18.00%	
Ronnie L. Alexander, a married man, dealing herein with his separate property,			
August Robert Alexander, a married man, dealing herein with his separate property,			
Linda S. Greathouse, a married woman, dealing herein with her separate property,			
Charlene LeMasters, a married woman, dealing herein with her separate property,			
Wanda Bennet, a widow, dealing herein with her separate property,			
Beverly Clifton-Lowe, a married woman, dealing herein with her separate property,			
Norma Jean Schoene, a married woman, dealing herein with her separate property,			
Dorothy Craft, a single woman, Nancy Postle, a married woman, dealing herein with her separate property			
Marjorie Cook DeShazer, a widow	SWN Production Company, LLC	14.00%	39/783
Robert L. Miller, Jr., married, dealing herein with his separate property, represented herein by Attorney-in-Fact, Susanne M. Ross	SWN Production Company, LLC	18.00%	40/7
Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177
Daniel Branch, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/641
Bobette McCormick, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/202
Nancy Stratford, f/k/a Nancy Miller, widow, represented herein by Margaret Miller as Power of Attorney	SWN Production Company, LLC	14.00%	41/684
Peter Brade, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/690
Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	41/696
George Diehl II, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/770
James Branch, single	SWN Production Company, LLC	14.00%	41/782
James Diehl, single	SWN Production Company, L.L.C.	14.00%	41/788
Janice Miller, single	SWN Production Company, L.L.C.	14.00%	41/794
Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	42/19
Laurence B. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	42/43
Margaret Miller, single	SWN Production Company, LLC	14.00%	42/67
Marjorie Miller Winhoven, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	42/73
Eric Price, married, dealing herein with his separate property	SWN Production Company, LLC	18.00%	46/786
Frederick Anton Schneider, widow	SWN Production Company, LLC	18.00%	46/176
Christine Herriott, f/k/a Christine George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/182
Susan Sprouse, f/k/a Susan Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/296
Shemel Novinger, f/k/a Sherrel Pierson, single	SWN Production Company, LLC	14.00%	46/483
Darrel Pierson, single	SWN Production Company, LLC	14.00%	46/495
Arjanta Scott, f/k/a Arjanta George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/768
Jean Weaver, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/774
Lawrence S. George II, a/k/a Stephen George, married herein with his separate property	SWN Production Company, LLC	18.00%	47/30
Bonnie Walter	SWN Production Company, LLC	18.00%	47/48
Benjamin Price, single	SWN Production Company, LLC	18.00%	47/607
Ernest N. Palmer, a widower, dealing herein with his separate property	SWN Production Company, LLC	18.00%	39/461
David Drummond, single	SWN Production Company, LLC	14.00%	50/721
Diane Carol Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/733
Jessica Marie Jensen, f/k/a Jessica Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/754

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	Jonathon Montgomery, single	SWN Production Company, LLC	14.00%	50/742		
	Sherri Lynn Hugic, a divorced woman	SWN Production Company, LLC	16.00%	48/706		
	Arthur D. Stoner aka Art Dwight Stoner, a divorced man	SWN Production Company, LLC	16.00%	48/770		
	Donald Geer and Dolores Ann Geer aka Dee Geer, husband and wife	SWN Production Company, LLC	16.00%	48/778		
	Pamela Sue Amadri, a divorced woman	SWN Production Company, LLC	16.00%	49/1		
	Scott G. Duncan and Heather S. Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/141		
	Mark Bryan Duncan and Cynthia Elizabeth Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/248		
	Andres Glassow and Karyn S. Glassow, husband and wife	SWN Production Company, LLC	16.00%	49/300		
	Sean Timothy Duncan, a divorced man	SWN Production Company, LLC	16.00%	49/438		
	Kevin Ryan, married, dealing in his separate property	SWN Production Company, LLC	18.00%	401/305		
	Johanna Ryan, appearing as an Individual and as Executrix of the Estate of Vincent Jason Ryan III	SWN Production Company, LLC	18.00%	59/43		
	William H.M. Ryan, single	SWN Production Company, LLC	18.00%	57/466		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	388/387 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/568 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/560 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/564 (Mineral Deed)		
	Jerome Williams, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	53/388		
8	3-B36-152	Anna May Miller, a widow, dealing herein with her separate property	SWN Production Company, L.L.C.	18.00%	37/112	0.00%
		James E. Williams, a married man dealing herein with his separate property, and Lois A. Williams, a married woman, dealing herein with her sperate property	SWN Production Company, LLC	14.00%	38/723	
		Marilyn Miller, a widow	SWN Production Company, LLC	16.00%	39/443	
		Joanne L. Turner, a widow	SWN Production Company, L.L.C.	16.00%	39/449	
		Joseph R. N. Miller III, a married man, dealing herein with his sperate property	SWN Production Company, LLC	16.00%	39/455	
		Robert W. Dally, Jr., a single man represented herein by Clifford E. Good, as Power of Attorney	SWN Production Company, LLC	18.00%	39/467	
		Joyce H. Tomalin Miller, represented herein by Attorney-in-Fact Susanne M. Ross	SWN Production Company, LLC	18.00%	39/473	
		Beverly Miller, a widow	SWN Production Company, LLC	18.00%	39/479	
		Donald A. Alexander, a married man, dealing herein with his separate property,	SWN Production Company, LLC	18.00%	39/543	
		Ronnie L. Alexander, a married man, dealing herein with his separate property,				
		August Robert Alexander, a married man, dealing herein with his separate property,				
		Linda S. Greathouse, a married woman, dealing herein with her sperate property,				
		Charlene LeMasters, a married woman, dealing herein with her separate property,				
		Wanda Bennet, a widow, dealing herein with her separate property,				
		Beverly Clifton-Lowe, a married woman, dealing herein with her separate property,				
		Norma Jean Schoene, a married woman, dealing herein with her separate property,				
		Dorothy Craft, a single woman, Nancy Postle, a married woman, dealing herein with her separate property				
		Marjorie Cook DeShazer, a widow	SWN Production Company, LLC	14.00%	39/793	
		Robert L. Miller, Jr., married, dealing herein with his separate property, represented herein by Attorney-in-Fact, Susanne M. Ross	SWN Production Company, LLC	18.00%	40/7	
		Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177	
		Daniel Branch, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/641	
		Bobette McCormick, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/202	
		Nancy Stratford, f/k/a Nancy Miller, widow, represented herein by Margaret Miller as Power of Attorney	SWN Production Company, LLC	14.00%	41/684	
		Peter Brade, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/690	
		Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	41/696	
		George Diehl II, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/770	
		James Branch, single	SWN Production Company, LLC	14.00%	41/782	

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	James Diehl, single	SWN Production Company, L.L.C.	14.00%	41/788		
	Janice Miller, single	SWN Production Company, L.L.C.	14.00%	41/794		
	Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	42/19		
	Laurence B. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	42/43		
	Margaret Miller, single	SWN Production Company, LLC	14.00%	42/67		
	Marjorie Miller Winhoven, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	42/73		
	Eric Price, married, dealing herein with his separate property	SWN Production Company, LLC	18.00%	46/786		
	Frederick Anton Schneider, widow	SWN Production Company, LLC	18.00%	46/176		
	Christine Harriott, f/k/a Christine George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/182		
	Susan Sprouse, f/k/a Susan Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/296		
	Sherrel Novinger, f/k/a Sherrel Pierson, single	SWN Production Company, LLC	14.00%	46/483		
	Darrel Pierson, single	SWN Production Company, LLC	14.00%	46/495		
	Arjanta Scott, f/k/a Arjanta George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/768		
	Jean Weaver, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/774		
	Lawrence S. George II, a/k/a Stephen George, married herein with his separate property	SWN Production Company, LLC	18.00%	47/30		
	Bonnie Walter	SWN Production Company, LLC	18.00%	47/48		
	Benjamin Price, single	SWN Production Company, LLC	18.00%	47/607		
	Ernest N. Palmer, a widower, dealing herein with his separate property	SWN Production Company, LLC	18.00%	39/461		
	David Drummond, single	SWN Production Company, LLC	14.00%	50/721		
	Diane Carol Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/733		
	Jessica Marie Jensen, f/k/a Jessica Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/754		
	Jonathon Montgomery, single	SWN Production Company, LLC	14.00%	50/742		
	Sheri Lynn Hugie, a divorced woman	SWN Production Company, LLC	16.00%	48/706		
	Arthur D. Stoner aka Art Dwight Stoner, a divorced man	SWN Production Company, LLC	16.00%	48/770		
	Donald Geer and Dolores Ann Geer aka Dee Geer, husband and wife	SWN Production Company, LLC	16.00%	48/778		
	Pamela Sue Amadri, a divorced woman	SWN Production Company, LLC	16.00%	49/1		
	Scott G. Duncan and Heather S. Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/141		
	Mark Bryan Duncan and Cynthia Elizabeth Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/248		
	Andres Glassow and Karyn S. Glassow, husband and wife	SWN Production Company, LLC	16.00%	49/300		
	Sean Timothy Duncan, a divorced man	SWN Production Company, LLC	16.00%	49/438		
	Kevin Ryan, married, dealing in his separate property	SWN Production Company, LLC	18.00%	401/305		
	Johanna Ryan, appearing as an Individual and as Executrix of the Estate of Vincent Jason Ryan III	SWN Production Company, LLC	18.00%	59/43		
	William H.M. Ryan, single	SWN Production Company, LLC	18.00%	57/466		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	386/387 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/568 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/560 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/564 (Mineral Deed)		
	Jerome Williams, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	53/368		
9	3-B36-151	Anna May Miller, a widow, dealing herein with her separate property	SWN Production Company, L.L.C.	18.00%	37/112	0.00%
		James E. Williams, a married man dealing herein with his separate property, and Lois A. Williams, a married woman, dealing herein with her separate property	SWN Production Company, LLC	14.00%	38/723	
		Marilyn Miller, a widow	SWN Production Company, LLC	16.00%	39/443	
		Joanne L. Turner, a widow	SWN Production Company, L.L.C.	16.00%	39/449	
		Joseph R. N. Miller III, a married man, dealing herein with his separate property	SWN Production Company, LLC	16.00%	39/455	

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Robert W. Dally, Jr., a single man represented herein by Clifford E. Good, as Power of Attorney	SWN Production Company, LLC	18.00%	39/467
Joyce H. Tomalin Miller, represented herein by Attorney-in-Fact Susanne M. Ross	SWN Production Company, LLC	18.00%	39/473
Beverly Miller, a widow	SWN Production Company, LLC	18.00%	39/479
Donald A. Alexander, a married man, dealing herein with his separate property,	SWN Production Company, LLC	18.00%	39/543
Ronnie L. Alexander, a married man, dealing herein with his separate property,			
August Robert Alexander, a married man, dealing herein with his separate property,			
Linda S. Greathouse, a married woman, dealing herein with her separate property,			
Charlene LeMasters, a married woman, dealing herein with her separate property,			
Wanda Bennet, a widow, dealing herein with her separate property,			
Beverly Clifton-Lowe, a married woman, dealing herein with her separate property,			
Norma Jean Schoene, a married woman, dealing herein with her separate property,			
Dorothy Craft, a single woman, Nancy Postle, a married woman, dealing herein with her separate property			
Marjorie Cook DeShazer, a widow	SWN Production Company, LLC	14.00%	39/793
Robert L. Miller, Jr., married, dealing herein with his separate property, represented herein by Attorney-in-Fact, Susanne M. Ross	SWN Production Company, LLC	18.00%	40/7
Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177
Daniel Branch, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/641
Bobette McCormick, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/202
Nancy Stratford, f/k/a Nancy Miller, widow, represented herein by Margaret Miller as Power of Attorney	SWN Production Company, LLC	14.00%	41/684
Peter Brade, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/690
Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	41/696
George Diehl II, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/770
James Branch, single	SWN Production Company, LLC	14.00%	41/782
James Diehl, single	SWN Production Company, L.L.C.	14.00%	41/788
Janice Miller, single	SWN Production Company, L.L.C.	14.00%	41/794
Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	42/19
Laurence B. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	42/43
Margaret Miller, single	SWN Production Company, LLC	14.00%	42/67
Marjorie Miller Winhoven, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	42/73
Eric Price, married, dealing herein with his separate property	SWN Production Company, LLC	18.00%	46/786
Frederick Anton Schneider, widow	SWN Production Company, LLC	18.00%	46/176
Christine Herriott, f/k/a Christine George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/182
Susan Sprouse, f/k/a Susan Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/296
Sherrel Novinger, f/k/a Sherrel Pierson, single	SWN Production Company, LLC	14.00%	46/483
Darrel Pierson, single	SWN Production Company, LLC	14.00%	46/495
Arjanta Scott, f/k/a Arjanta George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/768
Jean Weaver, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/774
Lawrence S. George II, a/k/a Stephen George, married herein with his separate property	SWN Production Company, LLC	18.00%	47/30
Bonnie Walter	SWN Production Company, LLC	18.00%	47/48
Benjamin Price, single	SWN Production Company, LLC	18.00%	47/607
Ernest N. Palmer, a widower, dealing herein with his separate property	SWN Production Company, LLC	18.00%	39/461
David Drummond, single	SWN Production Company, LLC	14.00%	50/721
Diane Carol Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/733
Jessica Marie Jensen, f/k/a Jessica Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/754

	Jonathon Montgomery, single	SWN Production Company, LLC	14.00%	50/742		
	Sherri Lynn Huglic, a divorced woman	SWN Production Company, LLC	16.00%	48/706		
	Arthur D. Stoner aka Art Dwight Stoner, a divorced man	SWN Production Company, LLC	16.00%	48/770		
	Donald Geer and Dolores Ann Geer aka Dee Geer, husband and wife	SWN Production Company, LLC	16.00%	48/778		
	Pamela Sue Amadri, a divorced woman	SWN Production Company, LLC	16.00%	49/1		
	Scott G. Duncan and Heather S. Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/141		
	Mark Bryan Duncan and Cynthia Elizabeth Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/248		
	Andres Glassow and Karyn S. Glassow, husband and wife	SWN Production Company, LLC	16.00%	49/300		
	Sean Timothy Duncan, a divorced man	SWN Production Company, LLC	16.00%	49/438		
	Kevin Ryan, married, dealing in his separate property	SWN Production Company, LLC	18.00%	401/305		
	Johanna Ryan, appearing as an Individual and as Executrix of the Estate of Vincent Jason Ryan III	SWN Production Company, LLC	18.00%	59/43		
	William H.M. Ryan, single	SWN Production Company, LLC	18.00%	57/466		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	386/387 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/568 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/560 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/564 (Mineral Deed)		
	Jerome Williams, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	53/368		
10	3-B36-150	Anna May Miller, a widow, dealing herein with her separate property	SWN Production Company, L.L.C.	18.00%	37/112	0.00%
		James E. Williams, a married man dealing herein with his separate property, and Lois A. Williams, a married woman, dealing herein with her sperate property	SWN Production Company, LLC	14.00%	38/723	
		Marilyn Miller, a widow	SWN Production Company, LLC	16.00%	39/443	
		Joanne L. Turner, a widow	SWN Production Company, L.L.C.	16.00%	39/449	
		Joseph R. N. Miller III, a married man, dealing herein with his sperate property	SWN Production Company, LLC	16.00%	39/455	
		Robert W. Dally, Jr., a single man represented herein by Clifford E. Good, as Power of Attorney	SWN Production Company, LLC	18.00%	39/467	
		Joyce H. Tomalin Miller, represented herein by Attorney-in-Fact Susanne M. Ross	SWN Production Company, LLC	18.00%	39/473	
		Beverly Miller, a widow	SWN Production Company, LLC	18.00%	39/479	
		Donald A. Alexander, a married man, dealing herein with his separate property,	SWN Production Company, LLC	18.00%	39/543	
		Ronnie L. Alexander, a married man, dealing herein with his separate property,				
		August Robert Alexander, a married man, dealing herein with his separate property,				
		Linda S. Greathouse, a married woman, dealing herein with her sperate property,				
		Charlene LeMasters, a married woman, dealing herein with her separate property,				
		Wanda Bennet, a widow, dealing herein with her separate property,				
		Beverly Clifton-Lowe, a married woman, dealing herein with her separate property,				
		Norma Jean Schoene, a married woman, dealing herein with her separate property,				
		Dorothy Craft, a single woman, Nancy Postle, a married woman, dealing herein with her separate property				
		Marjorie Cook DeShazer, a widow	SWN Production Company, LLC	14.00%	39/793	
		Robert L. Miller, Jr., married, dealing herein with his separate property, represented herein by Attorney-in-Fact, Susanne M. Ross	SWN Production Company, LLC	18.00%	40/7	
		Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177	
		Daniel Branch, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/641	
		Bobette McCormick, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/202	
		Nancy Stratford, f/k/a Nancy Miller, widow, represented herein by Margaret Miller as Power of Attorney	SWN Production Company, LLC	14.00%	41/684	
		Peter Brade, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/690	
		Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	41/696	
		George Diehl II, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/770	
		James Branch, single	SWN Production Company, LLC	14.00%	41/782	

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	James Diehl, single	SWN Production Company, L.L.C.	14.00%	41/788		
	Janice Miller, single	SWN Production Company, L.L.C.	14.00%	41/794		
	Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	42/19		
	Laurence B. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	42/43		
	Margaret Miller, single	SWN Production Company, LLC	14.00%	42/67		
	Marjorie Miller Winhoven, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	42/73		
	Eric Price, married, dealing herein with his separate property	SWN Production Company, LLC	18.00%	46/786		
	Frederick Anton Schneider, widow	SWN Production Company, LLC	18.00%	46/176		
	Christine Herriott, f/k/a Christine George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	48/182		
	Susan Sprouse, f/k/a Susan Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/296		
	Sherrel Novinger, f/k/a Sherrel Pierson, single	SWN Production Company, LLC	14.00%	46/483		
	Darrel Pierson, single	SWN Production Company, LLC	14.00%	46/485		
	Arjanta Scott, f/k/a Arjanta George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/768		
	Jean Weaver, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/774		
	Lawrence S. George II, a/k/a Stephen George, married herein with his separate property	SWN Production Company, LLC	18.00%	47/30		
	Bonnie Walter	SWN Production Company, LLC	18.00%	47/48		
	Benjamin Price, single	SWN Production Company, LLC	18.00%	47/607		
	Ernest N. Palmer, a widower, dealing herein with his separate property	SWN Production Company, LLC	18.00%	39/461		
	David Drummond, single	SWN Production Company, LLC	14.00%	50/721		
	Diane Carol Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/733		
	Jessica Marie Jensen, f/k/a Jessica Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/754		
	Jonathon Montgomery, single	SWN Production Company, LLC	14.00%	50/742		
	Sheri Lynn Hugic, a divorced woman	SWN Production Company, LLC	16.00%	48/706		
	Arthur D. Stoner aka Art Dwight Stoner, a divorced man	SWN Production Company, LLC	16.00%	48/770		
	Donald Geer and Dolores Ann Geer aka Dee Geer, husband and wife	SWN Production Company, LLC	16.00%	48/778		
	Pamela Sue Amadrii, a divorced woman	SWN Production Company, LLC	16.00%	49/1		
	Scott G. Duncan and Heather S. Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/141		
	Mark Bryan Duncan and Cynthia Elizabeth Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/248		
	Andres Glassow and Karyn S. Glassow, husband and wife	SWN Production Company, LLC	16.00%	49/300		
	Sean Timothy Duncan, a divorced man	SWN Production Company, LLC	16.00%	49/438		
	Kevin Ryan, married, dealing in his separate property	SWN Production Company, LLC	18.00%	401/305		
	Johanna Ryan, appearing as an Individual and as Executrix of the Estate of Vincent Jason Ryan III	SWN Production Company, LLC	18.00%	59/43		
	William H.M. Ryan, single	SWN Production Company, LLC	18.00%	57/466		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	386/387 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/568 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/560 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/564 (Mineral Deed)		
	Jerome Williams, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	53/368		
11	3-B36-149	Anna May Miller, a widow, dealing herein with her separate property	SWN Production Company, L.L.C.	18.00%	37/112	0.00%
		James E. Williams, a married man dealing herein with his separate property, and Lois A. Williams, a married woman, dealing herein with her sperate property	SWN Production Company, LLC	14.00%	38/723	
		Marilyn Miller, a widow	SWN Production Company, LLC	16.00%	39/443	
		Joanne L. Turner, a widow	SWN Production Company, L.L.C.	16.00%	39/449	
		Joseph R. N. Miller III, a married man, dealing herein with his sperate property	SWN Production Company, LLC	16.00%	39/455	

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Robert W. Dally, Jr., a single man represented herein by Clifford E. Good, as Power of Attorney	SWN Production Company, LLC	18.00%	39/467
Joyce H. Tomalin Miller, represented herein by Attorney-in-Fact Susanne M. Ross	SWN Production Company, LLC	18.00%	39/473
Beverly Miller, a widow	SWN Production Company, LLC	18.00%	39/479
Donald A. Alexander, a married man, dealing herein with his separate property,	SWN Production Company, LLC	18.00%	39/543
Ronnie L. Alexander, a married man, dealing herein with his separate property,			
August Robert Alexander, a married man, dealing herein with his separate property,			
Linda S. Greathouse, a married woman, dealing herein with her separate property,			
Charlene LeMasters, a married woman, dealing herein with her separate property,			
Wanda Bennet, a widow, dealing herein with her separate property,			
Beverly Clifton-Lowe, a married woman, dealing herein with her separate property,			
Norma Jean Schoene, a married woman, dealing herein with her separate property,			
Dorothy Craft, a single woman, Nancy Postle, a married woman, dealing herein with her separate property			
Marjorie Cook DeShazer, a widow	SWN Production Company, LLC	14.00%	39/793
Robert L. Miller, Jr., married, dealing herein with his separate property, represented herein by Attorney-in-Fact, Susanne M. Ross	SWN Production Company, LLC	18.00%	40/7
Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177
Daniel Branch, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/641
Bobette McCormick, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/202
Nancy Stratford, f/k/a Nancy Miller, widow, represented herein by Margaret Miller as Power of Attorney	SWN Production Company, LLC	14.00%	41/684
Peter Brade, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/690
Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	41/696
George Diehl II, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/770
James Branch, single	SWN Production Company, LLC	14.00%	41/782
James Diehl, single	SWN Production Company, L.L.C.	14.00%	41/788
Janice Miller, single	SWN Production Company, L.L.C.	14.00%	41/794
Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	42/19
Laurence B. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	42/43
Margaret Miller, single	SWN Production Company, LLC	14.00%	42/67
Marjorie Miller Winhoven, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	42/73
Eric Price, married, dealing herein with his separate property	SWN Production Company, LLC	18.00%	46/786
Frederick Anton Schneider, widow	SWN Production Company, LLC	18.00%	46/176
Christine Herriott, f/k/a Christine George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/182
Susan Sprouse, f/k/a Susan Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/296
Sherrel Novinger, f/k/a Sherrel Pierson, single	SWN Production Company, LLC	14.00%	46/483
Darrel Pierson, single	SWN Production Company, LLC	14.00%	46/495
Arjanta Scott, f/k/a Arjanta George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/768
Jean Weaver, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/774
Lawrence S. George II, a/k/a Stephen George, married herein with his separate property	SWN Production Company, LLC	18.00%	47/30
Bonnie Walter	SWN Production Company, LLC	18.00%	47/48
Benjamin Price, single	SWN Production Company, LLC	18.00%	47/607
Ernest N. Palmer, a widower, dealing herein with his separate property	SWN Production Company, LLC	18.00%	39/461
David Drummond, single	SWN Production Company, LLC	14.00%	50/721
Diane Carol Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/733
Jessica Marie Jensen, f/k/a Jessica Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/754

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	Jonathon Montgomery, single	SWN Production Company, LLC	14.00%	50/742		
	Shari Lynn Hugie, a divorced woman	SWN Production Company, LLC	16.00%	48/706		
	Arthur D. Stoner aka Art Dwight Stoner, a divorced man	SWN Production Company, LLC	16.00%	48/770		
	Donald Geer and Dolores Ann Geer aka Dee Geer, husband and wife	SWN Production Company, LLC	16.00%	48/778		
	Pamela Sue Amadri, a divorced woman	SWN Production Company, LLC	16.00%	49/1		
	Scott G. Duncan and Heather S. Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/141		
	Mark Bryan Duncan and Cynthia Elizabeth Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/248		
	Andres Glassow and Karyn S. Glassow, husband and wife	SWN Production Company, LLC	16.00%	49/300		
	Sean Timothy Duncan, a divorced man	SWN Production Company, LLC	16.00%	49/438		
	Kevin Ryan, married, dealing in his separate property	SWN Production Company, LLC	18.00%	401/305		
	Johanna Ryan, appearing as an Individual and as Executrix of the Estate of Vincent Jason Ryan III	SWN Production Company, LLC	18.00%	59/43		
	William H.M. Ryan, single	SWN Production Company, LLC	18.00%	57/466		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	386/387 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/568 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/560 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/564 (Mineral Deed)		
	Jerome Williams, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	53/368		
12	3-B36-148	Anna May Miller, a widow, dealing herein with her separate property	SWN Production Company, L.L.C.	18.00%	37/112	0.00%
		James E. Williams, a married man dealing herein with his separate property, and Lois A. Williams, a married woman, dealing herein with her sperate property	SWN Production Company, LLC	14.00%	38/723	
		Marilyn Miller, a widow	SWN Production Company, LLC	16.00%	39/443	
		Joanne L. Turner, a widow	SWN Production Company, L.L.C.	16.00%	39/449	
		Joseph R. N. Miller III, a married man, dealing herein with his sperate property	SWN Production Company, LLC	16.00%	39/455	
		Robert W. Daly, Jr., a single man represented herein by Clifford E. Good, as Power of Attorney	SWN Production Company, LLC	18.00%	39/467	
		Joyce H. Tomalin Miller, represented herein by Attorney-in-Fact Susanne M. Ross	SWN Production Company, LLC	18.00%	39/473	
		Beverly Miller, a widow	SWN Production Company, LLC	18.00%	39/479	
		Donald A. Alexander, a married man, dealing herein with his separate property,	SWN Production Company, LLC	18.00%	39/543	
		Ronnie L. Alexander, a married man, dealing herein with his separate property,				
		August Robert Alexander, a married man, dealing herein with his separate property, Linda S. Greathouse, a married woman, dealing herein with her sperate property, Charlene LeMasters, a married woman, dealing herein with her separate property, Wanda Bennet, a widow, dealing herein with her separate property, Beverly Clifton-Lowe, a married woman, dealing herein with her separate property, Norma Jean Schoene, a married woman, dealing herein with her separate property, Dorothy Craft, a single woman, Nancy Postle, a married woman, dealing herein with her separate property				
		Marjorie Cook DeShazer, a widow	SWN Production Company, LLC	14.00%	39/793	
		Robert L. Miller, Jr., married, dealing herein with his separate property, represented herein by Attorney-in-Fact, Susanne M. Ross	SWN Production Company, LLC	18.00%	40/7	
		Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177	
		Daniel Branch, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/641	
		Bobette McCormick, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/202	
		Nancy Stratford, f/k/a Nancy Miller, widow, represented herein by Margaret Miller as Power of Attorney	SWN Production Company, LLC	14.00%	41/684	
		Peter Brade, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/690	
		Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	41/696	
		George Diehl II, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/770	
		James Branch, single	SWN Production Company, LLC	14.00%	41/782	

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	James Diehl, single	SWN Production Company, L.L.C.	14.00%	41/788		
	Janice Miller, single	SWN Production Company, L.L.C.	14.00%	41/794		
	Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	42/19		
	Laurence B. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	42/43		
	Margaret Miller, single	SWN Production Company, LLC	14.00%	42/67		
	Marjorie Miller Winhoven, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	42/73		
	Eric Price, married, dealing herein with his separate property	SWN Production Company, LLC	18.00%	46/786		
	Frederick Anton Schneider, widow	SWN Production Company, LLC	18.00%	46/176		
	Christine Herriott, f/k/a Christine George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/182		
	Susan Sprouse, f/k/a Susan Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/296		
	Sherrel Novinger, f/k/a Sherrel Pierson, single	SWN Production Company, LLC	14.00%	46/483		
	Darrel Pierson, single	SWN Production Company, LLC	14.00%	48/495		
	Arjanta Scott, f/k/a Arjanta George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/768		
	Jean Weaver, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/774		
	Lawrence S. George II, a/k/a Stephen George, married herein with his separate property	SWN Production Company, LLC	18.00%	47/30		
	Bonnie Walter	SWN Production Company, LLC	18.00%	47/48		
	Benjamin Price, single	SWN Production Company, LLC	18.00%	47/607		
	Ernest N. Palmer, a widower, dealing herein with his separate property	SWN Production Company, LLC	18.00%	39/461		
	David Drummond, single	SWN Production Company, LLC	14.00%	50/721		
	Diane Carol Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/733		
	Jessica Marie Jensen, f/k/a Jessica Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/754		
	Jonathon Montgomery, single	SWN Production Company, LLC	14.00%	50/742		
	Sheri Lynn Hugie, a divorced woman	SWN Production Company, LLC	16.00%	48/706		
	Arthur D. Stoner aka Art Dwight Stoner, a divorced man	SWN Production Company, LLC	16.00%	48/770		
	Donald Geer and Dolores Ann Geer aka Dee Geer, husband and wife	SWN Production Company, LLC	16.00%	48/778		
	Pamela Sue Amadri, a divorced woman	SWN Production Company, LLC	16.00%	49/1		
	Scott G. Duncan and Heather S. Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/141		
	Mark Bryan Duncan and Cynthia Elizabeth Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/248		
	Andres Glassow and Karyn S. Glassow, husband and wife	SWN Production Company, LLC	16.00%	49/300		
	Sean Timothy Duncan, a divorced man	SWN Production Company, LLC	16.00%	49/438		
	Kevin Ryan, married, dealing in his separate property	SWN Production Company, LLC	18.00%	401/305		
	Johanna Ryan, appearing as an Individual and as Executrix of the Estate of William H.M. Ryan, single	SWN Production Company, LLC	18.00%	59/43		
	William H.M. Ryan, single	SWN Production Company, LLC	18.00%	57/466		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	386/387 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/568 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/560 (Mineral Deed)		
	SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/564 (Mineral Deed)		
	Jerome Williams, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	53/368		
13	3-B36-147	Anna May Miller, a widow, dealing herein with her separate property	SWN Production Company, L.L.C.	18.00%	37/112	0.00%
		James E. Williams, a married man dealing herein with his separate property, and Lois A. Williams, a married woman, dealing herein with her separate property	SWN Production Company, LLC	14.00%	38/723	
		Marilyn Miller, a widow	SWN Production Company, LLC	16.00%	39/443	
		Joanne L. Turner, a widow	SWN Production Company, L.L.C.	16.00%	39/449	
		Joseph R. N. Miller III, a married man, dealing herein with his separate property	SWN Production Company, LLC	16.00%	39/455	

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Robert W. Dally, Jr., a single man represented herein by Clifford E. Good, as Power of Attorney	SWN Production Company, LLC	18.00%	39/467
Joyce H. Tomalin Miller, represented herein by Attorney-in-Fact Susanne M. Ross	SWN Production Company, LLC	18.00%	39/473
Beverly Miller, a widow	SWN Production Company, LLC	18.00%	39/479
Donald A. Alexander, a married man, dealing herein with his separate property,	SWN Production Company, LLC	18.00%	39/543
Ronnie L. Alexander, a married man, dealing herein with his separate property,			
August Robert Alexander, a married man, dealing herein with his separate property,			
Linda S. Greathouse, a married woman, dealing herein with her separate property,			
Charlene LeMasters, a married woman, dealing herein with her separate property,			
Wanda Bennet, a widow, dealing herein with her separate property,			
Beverly Clifton-Lowe, a married woman, dealing herein with her separate property,			
Norma Jean Schoens, a married woman, dealing herein with her separate property,			
Dorothy Craft, a single woman, Nancy Postle, a married woman, dealing herein with her separate property			
Marjorie Cook DeShazer, a widow	SWN Production Company, LLC	14.00%	39/783
Robert L. Miller, Jr., married, dealing herein with his separate property, represented herein by Attorney-in-Fact, Susanne M. Ross	SWN Production Company, LLC	18.00%	40/7
Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177
Daniel Branch, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/641
Bobette McCormick, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/202
Nancy Stratford, f/k/a Nancy Miller, widow, represented herein by Margaret Miller as Power of Attorney	SWN Production Company, LLC	14.00%	41/684
Peter Brade, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/690
Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	41/696
George Diehl II, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/770
James Branch, single	SWN Production Company, LLC	14.00%	41/782
James Diehl, single	SWN Production Company, L.L.C.	14.00%	41/788
Janice Miller, single	SWN Production Company, L.L.C.	14.00%	41/794
Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	42/19
Laurence B. Lane, married, dealing herein with his separate property	SWN Production Company, L.L.C.	14.00%	42/43
Margaret Miller, single	SWN Production Company, LLC	14.00%	42/67
Marjorie Miller Winhoven, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	42/73
Eric Price, married, dealing herein with his separate property	SWN Production Company, LLC	18.00%	46/786
Frederick Anton Schneider, widow	SWN Production Company, LLC	18.00%	46/176
Christine Harriott, f/k/a Christine George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	46/182
Susan Sprouse, f/k/a Susan Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	46/296
Sherrel Novinger, f/k/a Sherrel Pierson, single	SWN Production Company, LLC	14.00%	48/483
Darrel Pierson, single	SWN Production Company, LLC	14.00%	48/495
Arjanta Scott, f/k/a Arjanta George, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	48/768
Jean Weaver, married, dealing herein with her separate property	SWN Production Company, LLC	18.00%	48/774
Lawrence S. George II, a/k/a Stephen George, married herein with his separate property	SWN Production Company, LLC	18.00%	47/30
Bonnie Walter	SWN Production Company, LLC	18.00%	47/48
Benjamin Price, single	SWN Production Company, LLC	18.00%	47/607
Ernest N. Palmer, a widower, dealing herein with his separate property	SWN Production Company, LLC	18.00%	39/461
David Drummond, single	SWN Production Company, LLC	14.00%	50/721
Diane Carol Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/733
Jessica Marie Jensen, f/k/a Jessica Givens, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	50/754

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#15 new lease -ws

		Jonathon Montgomery, single	SWN Production Company, LLC	14.00%	50/742		
		Shari Lynn Hugie, a divorced woman	SWN Production Company, LLC	16.00%	48/708		
		Arthur D. Stoner aka Art Dwight Stoner, a divorced man	SWN Production Company, LLC	16.00%	48/770		
		Donald Geer and Dolores Ann Geer aka Dee Geer, husband and wife	SWN Production Company, LLC	16.00%	48/778		
		Pamela Sue Amadri, a divorced woman	SWN Production Company, LLC	16.00%	49/1		
		Scott G. Duncan and Heather S. Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/141		
		Mark Bryan Duncan and Cynthia Elizabeth Duncan, husband and wife	SWN Production Company, LLC	16.00%	49/248		
		Andres Glassow and Karyn S. Glassow, husband and wife	SWN Production Company, LLC	16.00%	49/300		
		Sean Timothy Duncan, a divorced man	SWN Production Company, LLC	16.00%	49/438		
		Kevin Ryan, married, dealing in his separate property	SWN Production Company, LLC	18.00%	401/305		
		Johanna Ryan, appearing as an Individual and as Executrix of the Estate of Vincent Jason Ryan III	SWN Production Company, LLC	18.00%	59/43		
		William H.M. Ryan, single	SWN Production Company, LLC	18.00%	57/466		
		SWN Production Company, LLC (Company Owned Minerals)		12.50%	388/387 (Mineral Deed)		
		SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/568 (Mineral Deed)		
		SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/560 (Mineral Deed)		
		SWN Production Company, LLC (Company Owned Minerals)		12.50%	385/564 (Mineral Deed)		
		Jerome Williams, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	53/368		
✓	14	3-B36-16	Rebecca K. Lemasters f/k/a Rebecca K. Matask, a married woman, dealing herein with her separate property	SWN Production Company, LLC	18.00%	37/758	0.00%
→	15	McCord Hill Road	West Virginia Department of Transportation, Division of Highways	SWN Production Company, LLC	20.00%	61/399	0.00%
✓	16	3-B31-77	Joshua Mathess, a single man	SWN Production Company, LLC	18.00%	36/263	0.00%
✓	17	3-B31-78	Sandra J. Walnoha, widow	Chesapeake Appalachia, LLC SWN Production Company, LLC	12.50%	23/544 30/480	0.00%
✓	18	3-B31-79	Michael S. Walnoha	Chesapeake Appalachia, LLC SWN Production Company, LLC	18.00%	23/544 30/480	0.00%
✓	19	3-B31-80	Timothy Woolwine and Melinda Beth Woolwine, husband and wife	SWN Production Company, LLC	18.00%	34/376	0.00%
✓	20	3-B31-80.1	Timothy Woolwine and Melinda Beth Woolwine, husband and wife	SWN Production Company, LLC	18.00%	34/376	0.00%
✓	21	3-B31-81.1	Clara Lee Myers, a single woman	SWN Production Company, LLC	15.00%	40/204	0.00%
			Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/690	
			Peter Brade, married, dealing hereing with his separate property	SWN Production Company, LLC	14.00%	42/19	
			George Diehl II, married, dealing hereing with his separate property	SWN Production Company, LLC	14.00%	41/770	
			James Diehl, single	SWN Production Company, LLC	14.00%	41/788	
			SWN Production Company, LLC (Company Owned Minerals)		385/560		
			SWN Production Company, LLC (Company Owned Minerals)		384/377		
			Lawrence B. Lane, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	42/43	
			Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/696	
			Bobette McCormick, married, dealing herein with her separate peoperty	SWN Production Company, LLC	14.00%	41/202	
			Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177	
✓	22	3-B31-81	Karen Binswanger, married, dealing herein with her separate property	SWN Production Company, LLC	14.00%	41/690	0.00%
			Peter Brade, married, dealing hereing with his separate property	SWN Production Company, LLC	14.00%	42/19	
			George Diehl II, married, dealing hereing with his separate property	SWN Production Company, LLC	14.00%	41/770	
			James Diehl, single	SWN Production Company, LLC	14.00%	41/788	
			SWN Production Company, LLC (Company Owned Minerals)		385/560		
			SWN Production Company, LLC (Company Owned Minerals)		384/377		
			Lawrence B. Lane, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	42/43	
			Ray E. Lane, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	41/696	
			Bobette McCormick, married, dealing herein with her separate peoperty	SWN Production Company, LLC	14.00%	41/202	
			Dennis Stroh, married, dealing herein with his separate property	SWN Production Company, LLC	14.00%	40/177	
✓	23	3-B31-82	Bernard J. Lombard, III, a married man, dealing herein with his separate property	SWN Production Company, LLC	14.00%	36/302	0.00%
✓	24	3-B31-8	Michael A. Byrd, a widower	SWN Production Company, LLC	18.00%	43/198	0.00%

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		Montez Fredricks, single	SWN Production Company, LLC	18.00%	43/203		
		Mary Pearl Thompson, single	SWN Production Company, LLC	18.00%	43/208		
		Amreen Malik, single	SWN Production Company, LLC	18.00%	43/213		
		Jaffar Malik, single	SWN Production Company, LLC	18.00%	43/218		
		Chester Thompson, a married man, dealing herein with his sperate property	SWN Production Company, LLC	18.00%	43/223		
		A & G Thompson Group, LLC	SWN Production Company, LLC	18.00%	43/228		
		Richard L. Thompson, single	SWN Production Company, LLC	18.00%	45/284		
		Paula L. Hasty, a married woman, dealing herein with her separate property	SWN Production Company, LLC	18.00%	45/289		
		Carl E. Thompson, single	SWN Production Company, LLC	18.00%	45/294		
		J'Kea Thompson, individually, and as Executor of the Estates of James Thompson and Ruth D. Thompson	SWN Production Company, LLC	18.00%	45/299		
		Janay Thompson	SWN Production Company, LLC	18.00%	48/679		
		Jasmeen Thompson	SWN Production Company, LLC	18.00%	48/673		
		Kenneth J. Thompson, II	SWN Production Company, LLC	18.00%	48/667		
✓	25	3-B31-6	Ray Walnoha Jr., single	SWN Production Company, LLC	14.00%	34/473	0.00%
✓	26	Brooke Co. RT.2	RIGHT OF WAY				0.00%
✓	27	3-B27-11	West Virginia Department of Transportation, Division of Highways	SWN Production Company, LLC	20.00%	53/18	0.00%
✓	28	3-B31-14	John Matthew Padden and Elizabeth A. Padden, individually, and as Co-Trustees of The Amy M. Toups Family Trust of 2013	Fossil Creek Ohio, LLC American Petroleum Partners Operation, LLC SWN Production Company, LLC	16.00%	29/166 32/643 576/22	0.00%
✓	29	Ohio River	State of West Virginia Department of Commerce, Division of Natural Resources	SWN Production Company, LLC	15.00%	55/479	0.00%

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SWN Production Company, LLC
1300 Fort Pierpont Dr, Ste 201
Morgantown, WV 26508
Tel: 304 884 1610
Fax: 304 471 2497
www.swn.com

June 7, 2021

Ms. Laura Adkins
WV DEP Office of Oil & Gas
601 57th St., SE
Charleston, WV 25304

RE: SWN's proposed New Well: Brian Teslovich BRK 5H in Brooke County, West Virginia, Drilling under 4576 WV-2, Apple Pie Ridge Road, Gobblers Ridge Road, Co Hwy 67/3, Pettit Heights Rd, McCord Hill Road, Green Run Rd, and Coss Road.

Dear Ms. Adkins:

SWN Production Company, LLC ("SWN") is applying for a drilling permit for the above referenced well. The State of West Virginia has raised some concern as to SWN's right to drill under 4576 WV-2, Apple Pie Ridge Road, Gobblers Ridge Road, Co Hwy 67/3, Pettit Heights Rd, McCord Hill Road, Green Run Rd, and Coss Road Please be advised that SWN has leased all mineral owners under said route as it relates to the above-referenced well and unit.

Thank you.

Sincerely,

Bailey Brougher
Senior Landman
SWN Production Company, LLC

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The Right People doing the Right Things,
wisely investing the cash flow from our
underlying Assets. **06/25/2021**

June 17, 2021

Mr. Charles Brewer
Office of Oil & Gas
601 57th Street
Charleston, WV 25304

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JUN 22 2021

WV Department of
Environmental Protection

RE: Proposed New Well: Expedited Check: Brian Teslovich BRK 5H

Dear Mr. Brewer

Enclosed please find the check to expedite for the above captioned well. This well is situated on the Teslovich's property, in Buffalo District, Brooke County, West Virginia.

If you have any questions or desire additional information, please me at 304-884-1613

Thank you.

Sincerely,

Brittany Woody

Brittany Woody
Senior Regulatory Analyst
Southwestern Energy Production Company, LLC

* NOD 6/11
NO Check
* NOD Resolve 6/22
Check Received
=

CK# 1058348
Amt \$51000
6/15/21

$\frac{R^2}{A} \rightarrow V^+$

06/25/2021

June 10, 2021

Mr. Charles Brewer
Office of Oil & Gas
601 57th Street
Charleston, WV 25304

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Office of Oil and Gas
JUN 11 2021
WV Department of
Environmental Protection

RE: Proposed Expedited Modification: Brian Teslovich BRK 5H

Dear Mr. Brewer:

Enclosed please find the required documents to modify this well. We are wanting to add in a wellbore parcel named "MCCORD HILL ROAD". This well is situated on the Teslovich's property, in Buffalo District, Brooke County, West Virginia.

Enclosed you will find:

- Previous 6B & WBD
- New Mylar Plat
- New Leases

If you have any questions or desire additional information, please me at 304-884-1613

Thank you.

Sincerely,

Brittany Woody

Brittany Woody
Senior Regulatory Analyst
Southwestern Energy Production Company, LLC

No Check

$\frac{R^2}{A} \rightarrow V^+$

06/25/2021