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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, June 13, 2022  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC  
POST OFFICE BOX 12359  
SPRING, TX 773914954

Re: Permit Modification Approval for DAVID REINBEAU MSH 1H  
47-051-02438-00-00

**Lateral Extension. Update Total Measured Depth 15019' to 28272', Horizontal Leg Length 8203.25' to 21444.81'. Updated Lease Chain.**

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.



James A. Martin  
Chief

Operator's Well Number: DAVID REINBEAU MSH 1H  
Farm Name: SHELLY A & DAVID W REINBEAU  
U.S. WELL NUMBER: 47-051-02438-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 06/13/2022

Promoting a healthy environment.

06/17/2022

WW-6B  
(04/15)

API NO. 47-051 -  
OPERATOR WELL NO. David Reinbeau MSH 1H  
Well Pad Name: David Reinbeau MSH

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

1) Well Operator: SWN Production Co., LLC 494512924 051-MARsha 07-Union 486-Moundsville  
Operator ID County District Quadrangle

2) Operator's Well Number: David Reinbeau MSH 1H Well Pad Name: David Reinbeau MSH

3) Farm Name/Surface Owner: Shelly A & David W. Reinbeau Public Road Access: Sorghum Ridge Road

4) Elevation, current ground: 1251' Elevation, proposed post-construction: 1251'

5) Well Type (a) Gas  Oil \_\_\_\_\_ Underground Storage \_\_\_\_\_

Other \_\_\_\_\_

(b) If Gas Shallow  Deep \_\_\_\_\_

Horizontal  \_\_\_\_\_

6) Existing Pad: Yes or No Yes

Digitally signed by Gayne Knitowski  
Date: 2022.05.26 09:16:06 -0400

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- 6312', Target Base TVD- 6363', Anticipated Thickness- 51', Associated Pressure- 4137

8) Proposed Total Vertical Depth: 6345'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 28272'

11) Proposed Horizontal Leg Length: 21444.81'

12) Approximate Fresh Water Strata Depths: 426'

13) Method to Determine Fresh Water Depths: Deepest nearby water well

14) Approximate Saltwater Depths: 883' Salinity Profile

15) Approximate Coal Seam Depths: 765'

16) Approximate Depth to Possible Void (coal mine, karst, other): None that we are aware of.

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

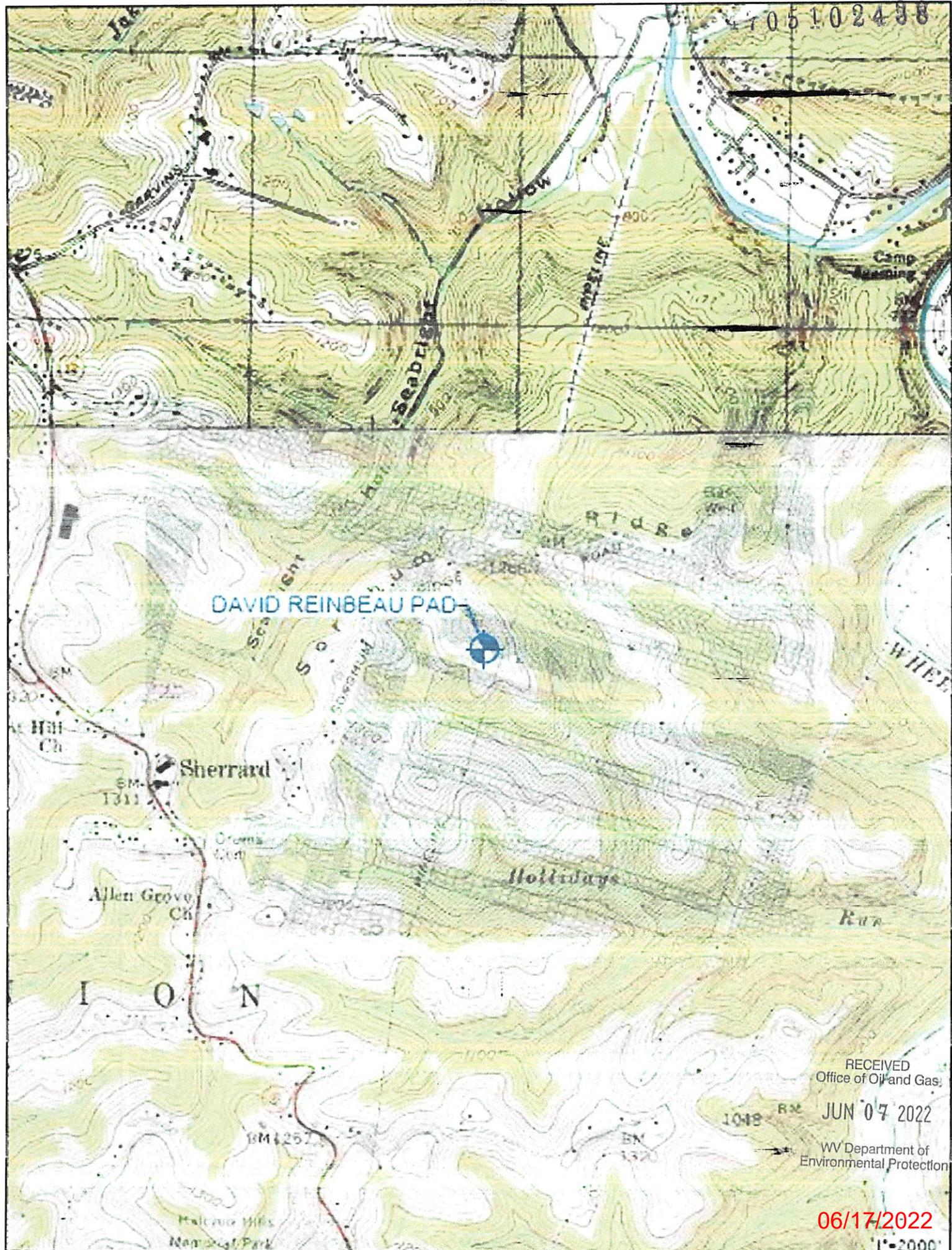
(a) If Yes, provide Mine Info: Name: \_\_\_\_\_  
Depth: \_\_\_\_\_  
Seam: \_\_\_\_\_  
Owner: \_\_\_\_\_

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705102498



DAVID REINBEAU PAD

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Iowa Department of  
Environmental Protection

06/17/2022

1"=2000'

4705102438

WW-6B  
(04/15)

API NO. 47-051 -  
OPERATOR WELL NO. David Reinbeau MSH 1H  
Well Pad Name: David Reinbeau MSH

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	J-55	94#	126'	126'	CTS
Fresh Water	13 3/8"	New	H-40	46#	506'	506'	541 sx/CTS
Coal	See	Interm	Casing				
Intermediate	9 5/8"	New	J-55	36#	2080'	2080'	982 sx/CTS
Production	6"	New	P-110	24.5#	0'	6000'	
Production	5 1/2"	New	P 110 HP	20#	6000'	28272'	
Liners							

Gayne Knitowski  
Digitally signed by Gayne Knitowski  
Date: 2022.05.26 09:16:27 -0400

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"	0.360	2730	633	Class A	1.20/30% Excess
Coal	See	Interm	Casing				
Intermediate	9 5/8"	12 1/4"	0.395	3950	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							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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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. In some instances, additional toe prep may be performed by pumping additional water in the toe of the well prior to perforating and pumping Stage 1 to ensure that the toe guns/toe sleeves are fully open prior to pumping stage 1. 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- 12,500 psi @ 100 barrels a minute.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 18.42

22) Area to be disturbed for well pad only, less access road (acres): 10.4

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 \*\*\*

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.

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\*Note: Attach additional sheets as needed.

<b>Southwestern Energy Company</b>	<b>Proposed Drilling Program</b>
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Well:	DAVID REINBEAU MSH 1	Re-entry Rig:	TBD
Field:	NORTH VICTORY FIELD WET	Prospect:	Marcellus Shale
County:	MARSHALL	State:	WV
SHL:	39.9928 Latitude -80.6615 Longitude		
BHL:	40.0482 Latitude -80.6890 Longitude		
KB Elev:	1,277 ft MSL	KB:	26 ft AGL
		GL Elev:	1,251 ft MSL



No COAL VOID Anticipated

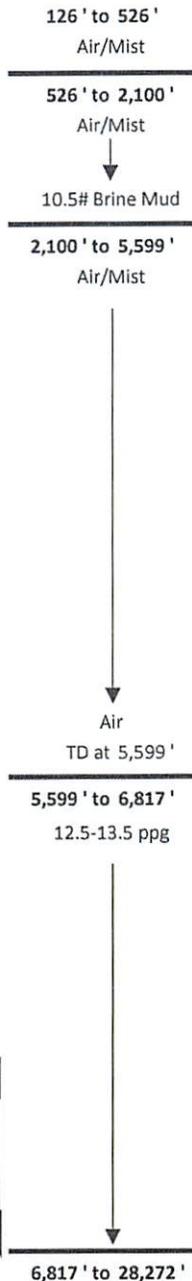
Gas Storage Interval: N/A  
 PROD TOC Lead @ 2,300' MD  
 PROD TOC Tail @ 5,499' MD

**TUBULAR DETAIL**

Casing String	Casing Size (in)	Weight (Min)	Grade (Min)	Planned Interval	
				From	To
Conductor	20	94.0 #	J-55	0'	126'
Surface	13.375	48.0 #	H-40	0'	506'
Intm/Coal	9.625	36.0 #	J-55	0'	2,080'
Production	6	24.5 #	P-110	0'	6,000'
Production	5.5	20.0 #	P-110 HP	6,000'	28,272'

**CEMENT DETAIL**

	Sacks	Class	Density
Conductor:	151	A	19.3
Surface:	541	A	15.6
Intermediate:	982	A	15.6-16
Production:	9404	A	14.5-15.0



KOP at 5,599' MD

Freshwater Depth - 426' TVD  
 Coal Depth - 765' TVD  
 Saltwater Depth - 883' TVD  
 TVD - 6,345'  
 TMD - 28,272'

6,345' Target Center

TD at 28,272' MD  
 6,086' TVD

EOB at 6,817' MD

SHL Onondaga 6,364' TVD

Onondaga 6,105' TVD

6,817' to 28,272'

12.5-13.9 ppg

Created by: C R Hall on 05/24/2022

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WV Department of Environmental Protection  
 06/17/2022

Latitude: 40°00'00"

SURFACE HOLE 10,214'

# JACKSON SURVEYING INC.

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

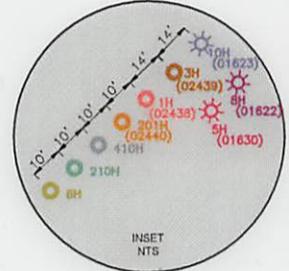
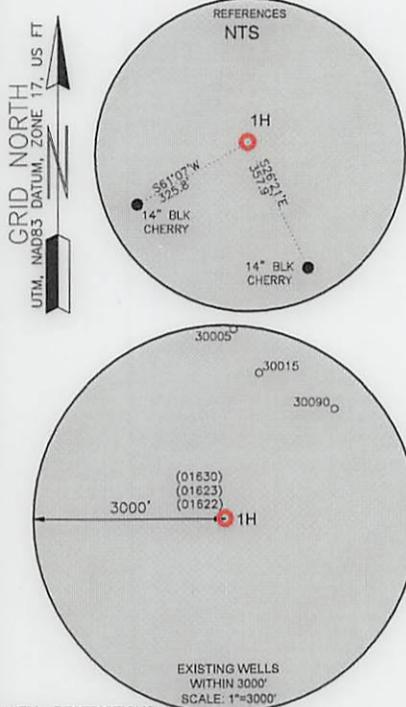
Latitude: 40°05'00"

BOTTOM HOLE 6,241'

<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,015.781 EASTING: 528,901.161
<b>LANDING POINT (LPL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,969.990 EASTING: 528,663.252
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,148.759 EASTING: 526,530.831



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 19°09'26" W	1,046.62'	SHL TO LANDMARK	FD. FENCE CORNER
L2	N 59°33'42" W	1,277.75'	SHL TO LANDMARK	FD. FENCE CORNER
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 79°06'20" W	794.87'	1,592.45'	SHL TO LP



### WELL RESTRICTIONS

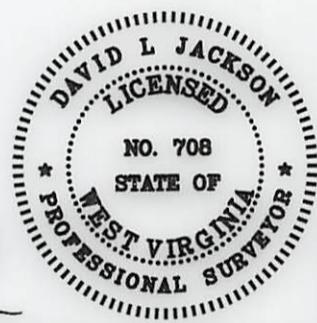
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

### NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
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. 708 *David L Jackson*



COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: DAVID REINBEAU MSH OPERATOR'S WELL #: 1H MOD1 API WELL #: 47 051 02438 STATE COUNTY PERMIT
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WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW

WATERSHED: HOLLIDAYS RUN OF WHEELING CREEK (HUC-10) ELEVATION: 1,250.9'

DISTRICT: UNION COUNTY: MARSHALL QUADRANGLE: MOUNDSVILLE, WV

SURFACE OWNER: SHELLY A. & DAVID W. REINBEAU ACREAGE: ±50.88

OIL & GAS ROYALTY OWNER: SHELLY A. & DAVID W. REINBEAU ACREAGE: ±50.88

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

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

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,345 TVD 28,272 TMD

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

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

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

<b>LEGEND:</b> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL * LANDING POINT LOCATION W EXISTING WATER WELL S EXISTING SPRING	— SURVEYED BOUNDARY — DRILLING UNIT = LEASE BOUNDARY — PROPOSED PATH	<b>REVISIONS:</b> DATE: 06-02-2022 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT
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JACKSON SURVEYING  
 INC.  
 2413 EAST PIKE ST. # 112  
 Clarksburg, WV 26302  
 304-623-5851



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708

*David L Jackson*

06/17/2022

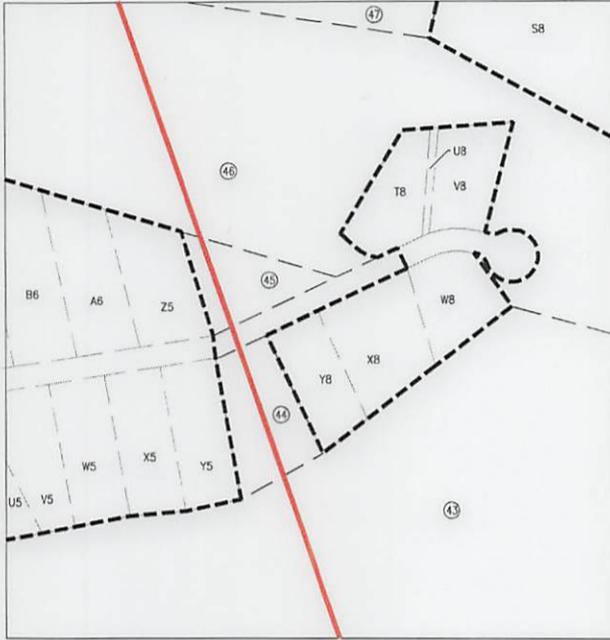
REVISIONS:	COMPANY:		
	OPERATOR'S	DAVID REINBEAU MSH	
	WELL #:	47-031-02438	1H
	DISTRICT:	UNION	MODI
	COUNTY:	MARSHALL	STATE: WV
	DATE:	06-02-2022	
	DRAWN BY:	N. MANO	
	SCALE:	N/A	
	DRAWING NO:		
	WELL LOCATION PLAT	2	

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

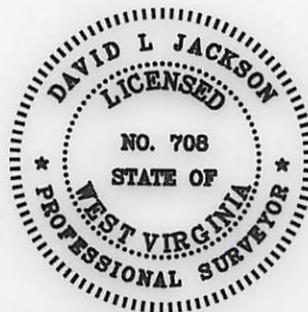
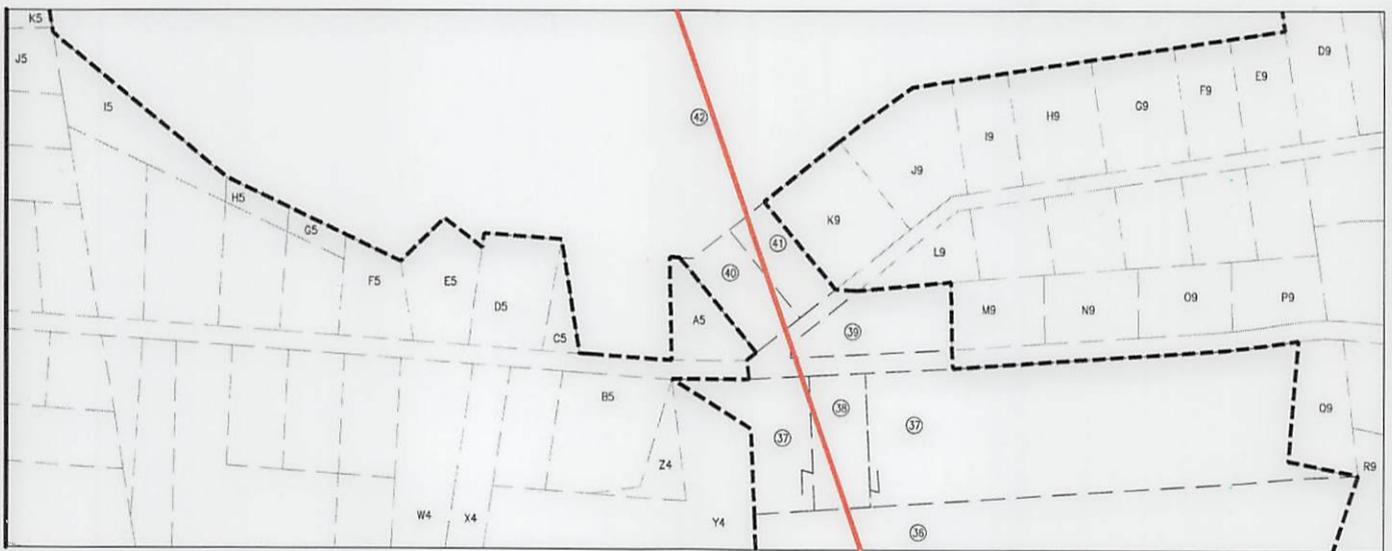
DETAIL "C"



DETAIL "B"



DETAIL "A"



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708 *David L Jackson*

06/17/2022

REVISIONS:	COMPANY:		
	OPERATOR'S	DAVID REINBEAU MSH	
	WELL #:	47-051-02436	1H MOD1
	DISTRICT:	UNION	COUNTY: MARSHALL
			STATE: WV
			DATE: 06-02-2022
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 3

JACKSON SURVEYING  
INC.

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

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	REINBEAU SHELLY A & DAVID W (S/R)	13-8-29
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	REINBEAU SHELLY A & DAVID W (S)	13-8-27
3	BOWMAN MICHAEL ET UX (S)	13-8-28
4	ALEXANDER LORRAINE (S)	13-7-20
5	ALEXANDER LORRAINE (S)	13-7-18.1
6	WARD CYNTHIA J & DALE P (S)	13-4-23.6
7	COULLING LOUISE S ET AL (S)	13-3-3
8	WALTON EARL RICHARD JR & BRANDICE C (S)	13-4-22.23
9	WALTON EARL RICHARD JR & BRANDICE C (S)	13-4-22.22
10	WALTON EARL RICHARD JR & BRANDICE C (S)	13-4-22.20
11	BRINKMEIER BRUCE & TAMARA (S)	13-4-22.14
12	HOFFMASTER KEVIN & CRYSTAL (S)	13-4-22.27
13	HILL CAROL LYNN & FORDYCE BRIAN W (S)	13-4-22.8
14	MANNING JOHN B & KIMBERLY R (S)	13-4-22.13
15	GAMES FRED & MARY V (S)	13-4-22.17
16	MCGUIRE PHILIP C (S)	13-4-21.4
17	MCGUIRE PHILIP C (S)	13-4-21.9
18	GARVIN CORRINE A EST (S)	13-2-101
19	GARVIN CORRINE A EST (S)	13-2-100
20	GARVIN CORRINE A EST (S)	13-2-98
21	GARVIN DOROTHY MAE EST (S)	13-2-81
22	BOWSER MARY ANNE (S)	13-2-76
23	GARVIN CORRINE A EST (S)	13-2-68
24	GARVIN CORRINE A EST (S)	13-2-38
25	POLLACK RICHARD J ET UX (S)	13-2-38.1
26	ROGERSON GEORGE C EST (S)	13-2-39
27	SEIDLER E DALE JR (S)	13-2-14.9
28	SEIDLER PATRICIA L IRREVOCABLE TRUST (S)	13-2-14.7
29	SHIVELY JOYCE (S)	13-2-14.6
30	WOLEN JOHN & MICHELLE (S)	13-2-102.3
31	FLANIGAN JAMES JR & MELISSA S (S)	p/o 13-2-102
32	BANE RYAN A & JULIE A (S)	13-2-102.2
33	RAHBAR AHMAD CREDIT SHELTER TRUST (S)	13-2-102
34	ANDREWS JANET M TRUSTEE (S)	1-RB2-32
35	SCHMIDT THOMAS (S)	1-RB2-28
36	GARVIN D CRAIG & EYDIE M (S)	1-RB2M-54.2
37	GARVIN DALE C & EYDIE (S)	1-RB2M-54.1
38	GARVIN D CRAIG & EYDIE M (S)	1-RB2M-27.1
39	JORDAN TYLER A (S)	1-RB2M-21
40	CHERRY MICHAEL D (S)	1-RB2M-2
41	MANNING ASHLEY A ELDER CHARLOTTE A (S)	1-RB2M-3
42	CONRAD JOSHUA D & TRISHA J (S)	1-RB2-27.3
43	CONRAD JOSHUA D & TRISHA J (S)	1-RB2-24
44	SOMMERS BRUCE A & ANGELA R (S)	1-RB2G-58
45	HELMICK STEVEN S & BETSY J (S)	1-RB2G-55
46	WOODVIEW LLC (S)	1-RB2-14
47	WOODVIEW LLC (S)	1-RB2-14.2
48	WOODVIEW LLC (S)	1-RB2-14.1
49	VILLAGE OF BETHLEHEM (S)	1-RB2C-83
50	HAUGHT JONATHAN L & HAUGHT WILLIAM C (S)	1-RB2C-91
51	DONAHUE ANDREW J & POLA V (S)	1-RB2C-90
52	DONAHUE ANDREW J & POLA V (S)	1-RB2C-90.1
53	HAMRICK JUSTIN E & MCMURRAY KELLY L (S)	1-RB2C-89.1
54	HAMILTON KAREN S & HAMILTON JEFFREY D ESTATE (S)	1-RB2C-88
55	UZLUK SHAWN D (S)	1-RB2C-86
56	WHITE DENISE L (S)	1-RB2C-97
57	SCHRIMP MARTHA A (S)	1-RB2C-96
58	TAYLOR JOSEPH WILLIAM (S)	1-RB2C-95
59	WHEELING PROPERTIES CO ADDI (S)	1-RB2-20

06/17/2022

REVISIONS:	COMPANY:		 	
	OPERATOR'S		DAVID REINBEAU MSH	
	WELL #:		47-051-02438	1H MOD 1
	DISTRICT:	COUNTY:	STATE:	DATE: 06-02-2022
	UNION	MARSHALL	WV	DRAWN BY: N. MANO
				SCALE: N/A
				DRAWING NO:
				WELL LOCATION PLAT 4

**JACKSON SURVEYING  
INC.**

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MCCOMBS JOHN A SR, THOMAS E & BETH	13-8-11
B	MCCOMBS JOHN A SR, THOMAS E & BETH	13-8-26
C	REINBEAU RONALD W & FRIEDA A - LIFE	13-7-22.2
D	MCCOMBS JOHN A SR & MARILYN S	13-7-22.1
E	REINBEAU DAVID W & SHELLEY A	13-7-22.3
F	REINBEAU DAVID W & SHELLEY A	13-7-21.1
G	BOWMAN MICHAEL J & CONSTANCE G	13-7-21
H	BOARD OF EDUCATION	13-7-17
I	BLANEY TIMOTHY O ET UX	13-4-24.5
J	WARD CYNTHIA J	13-4-23.16
K	SMITH JOANN H	13-4-23.2
L	DUNCAN ELMER E & SUSAN L	13-4-23.1
M	STAN TYLER P & CASEY K	13-4-23.5
N	OSER FREDERICK P & MALLORY A	13-4-23.10
O	OSER FREDERICK P & MALLORY A	13-4-23.15
P	BLANEY FARMS LLC	13-4-23
Q	WARD CYNTHIA J	13-4-23.14
R	BLANEY RODNEY A	13-4-23.13
S	SZELIGO RICHARD & ASHLEY	13-4-23.8
T	SZELIGO RICHARD L JR & ASHLEY E	13-4-23.11
U	ETZEL JAMIE P & ANTHONY EVICK II	13-4-23.12
V	ETZEL JAMIE P & ANTHONY EVICK II	13-4-23.7
W	FITZPATRICK BRYAN A & HEIDI A	13-4-23.4
X	WARD CYNTHIA J & DALE P	13-4-24
Y	ORLOFSKE SEAN A & JENNIFER L	13-4-22.11
Z	GAMES FREDERICK LOUIS II ET UX	13-4-22.10
A2	GARRISON ASHLEY	13-4-22.12
B2	FISHER DEBRA ANN GAMES & GALEN E	13-4-22.9
C2	WEST VALLIE JAMES ET AL	13-4-22
D2	FISHER GALEN E & DEBRA A	13-4-22.26
E2	FISHER DEBRA ANN GAMES & GALEN E	13-4-22.5
F2	FISHER DEBRA ANN GAMES & GALEN E	13-4-22.3
G2	GAMES MARY VIRGINIA - TOD	13-4-22.2
H2	GAMES MARY VIRGINIA - TOD	13-4-22.25
I2	WEST RICHARD DJR	13-4-22.24
J2	FISHER GALEN E & DEBRA A	13-4-21
K2	HILL CHARLES S ET UX	13-4-21.7
L2	WALTERS SAMANTHA J & RICHARDS JENNIFER L	13-4-21.1
M2	GARVIN CORRINE A EST	13-2-101.2
N2	GARVIN CORRINE A EST	13-2-101.1
O2	GARVIN CORRINE A EST	13-4-20
P2	GARVIN CORRINE A EST	13-2-70
Q2	GARVIN CORRINE A EST	13-2-99
R2	GARVIN CORRINE A EST	13-2-71
S2	MUSTACHIO EMILY A & GARVIN GRANT W	13-2-72
T2	GARVIN JOHN A & KAREN L	13-2-73
U2	GARVIN JOHN ARTHUR & KAREN L	13-2-74
V2	GARVIN JOHN ARTHUR & KAREN L	13-2-75
W2	GARVIN CORRINE A EST	13-2-69
X2	ST MYERS MICHAEL W	13-2-67
Y2	MEGALE GARNET JANE & VICKIE WALTERS	13-2-66.1
Z2	WALTERS VICKIE	13-2-65
A3	GREEN JAMES L	13-2-64
B3	WALTERS THOMAS C & KATRINA A	13-2-41.7
C3	TUCKER NATHAN JOSEPH & LINDSEY RENEE	13-2-42.5
D3	COOLEY CHARLES E & CAROL J	13-2-42
E3	RICHTER FAMILY TRUST	13-2-42.17
F3	BLATT JAMES E ET UX	13-2-42.7
G3	MAGERS GARY E ET UX	13-2-2.2
H3	SHIVELY JOYCE	13-2-14.1
I3	SHIVELY JOYCE	13-2-14.5
J3	BRADCOVICH JOSEPH EARL EST	13-2-14.4
K3	NUGENT LINDA S ET AL	13-2-14.8
L3	SEIDLER NETTIE	13-2-14
M3	SEIDLER E DALE JR ET UX	13-2-14.3
N3	SEIDLER TIMOTHY I ET UX	13-2-14.2
O3	COFFIELD RONALD J	13-2-39.5
P3	COFFIELD RONALD J	13-2-39.3
Q3	SCARBRO JENNI M	13-2-39.2
R3	ROGERSON WAYNE R	13-2-39.1
S3	ROGERSON WAYNE R	13-2-39.4
T3	PYSH WAYNE ET UX	13-2-13.6
U3	PYSH WAYNE ET UX	13-2-13.8
V3	PASCOLI KENT A	13-2-13
W3	TURNER JASON & TIFFANY	13-2-102.1
X3	BRAUNLICH EARL FRITZ & JAMIE LYNN	13-2-104
Y3	WEISNER RANDY P	1-RB2-33.3
Z3	PINTER EUGENE M & JOAN	1-RB2-33.2

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A4	PRASCIK LORI JEAN	1-RB2Q-33
B4	MULARCIK BRYAN & TIFFANY	1-RB2Q-32
C4	SHREVES HOLLIE L	1-RB2Q-31.1
D4	KNORR WILLIAM JOHN & KNORR ELIZABETH VIRGINIA	1-RB2L-81.1
E4	NEIMAN CHARLES AND MARK	1-RB2L-81
F4	ANDREWS JEREMY	1-RB2L-82.1
G4	PAULEY SCOTT F & ECHEMANN CHRISTINA	1-RB2L-74
H4	YOHO PATRICK A	1-RB2L-73
I4	BECK SANDRA M	1-RB2L-72
J4	TROUTEN JENNA MICHELLE	1-RB2L-71
K4	STINGLE KEVIN W; GRAY FLORA L (RT TO OCC)	1-RB2L-70
L4	WEST VIRGINIA HOUSING DEV FUND	1-RB2L-69
M4	METZ BARBARA JANE	1-RB2L-69.1
N4	METZ BARBARA J	1-RB2L-68
O4	LLOYD JENNIFER L & DAVID A	1-RB2L-67
P4	VILLAGE OF BETHLEHEM	1-RB2L-66
Q4	SCHNUPP JAMES P & M A	1-RB2L-88
R4	PICKETT VALERIE & GARY B	1-RB2L-64
S4	MARTIN KIMBERLEE GEORGETTE	1-RB2L-62
T4	ARMSTRONG SHELLEE JEAN	1-RB2L-57
U4	SCHMIDT THOMAS L & L E	1-RB2L-55
V4	CLEGG L	1-RB2L-54
W4	TOWNSEND CARL A	1-RB2L-50
X4	SNYDER CHRISTINE LEE	1-RB2L-50.1
Y4	GARVIN DALE C & E	1-RB2L-49.1
Z4	GARVIN DALE CRAIG & EYDIE	1-RB2L-49.3
A5	CHERRY MICHAEL D	1-RB2M-1
B5	CKJ RENTALS	1-RB2L-49.2
C5	HUTCHISON N R & J (LIFE EST) CHURCH BETH H	1-RB2L-47.1
D5	HUTCHISON N R & J (LIFE EST) CHURCH BETH H	1-RB2L-47
E5	HOWORTH HELENA A	1-RB2L-46
F5	SCOTT STEPHEN A & LINDSEY A	1-RB2L-45
G5	PAULUS ANDREW T & S A YAHN	1-RB2L-45.2
H5	BLAZIER HOWARD T JR & S L	1-RB2L-45.1
I5	CLEGG AUBREI L	1-RB2L-112
J5	GARY MARK C & P S	1-RB2L-37
K5	BLAZIER BRIAN T	1-RB2G-78
L5	MURAD CHRIS R & TRACY	1-RB2G-77
M5	DESANTIS JAMES P & JANE V & DESANTIS MICHAEL V	1-RB2G-76
N5	VILLAGE OF BETHLEHEM	1-RB2G-75
O5	KONDRAD SCOTT F & DEVYN S	1-RB2G-74
P5	CUNNINGHAM WAYNE D & G K	1-RB2G-73
Q5	BLACK SUSAN O	1-RB2G-67
R5	FLETCHER TIM L SR	1-RB2G-66
S5	BLACK SHAUN M	1-RB2G-65
T5	BLACK SHAUN M	1-RB2G-64
U5	CCMPROPERTIES LLC	1-RB2G-63
V5	JASKO AARON M	1-RB2G-62
W5	HEUSEL LOUISE V & MATTHEW R	1-RB2G-61
X5	ALBERT JANE LEW	1-RB2G-60
Y5	WEISNER GARY	1-RB2G-59
Z5	MAZESKA CASSANDRA	1-RB2G-54
A6	CZYZEWSKI STELLA J (LIFE) WEISNER GARY A	1-RB2G-53
B6	WILBURN BRANDON M & WILBURN SHELLEY J	1-RB2G-52
C6	MARVIN JACK E	1-RB2G-51
D6	GUSSLER TROY R & SUSANNA E	1-RB2G-82
E6	WEISNER GEORGE A & JEAN - TOD	1-RB2G-46
F6	BECKETT G R & B L (LC-SLRS)	1-RB2G-35.1
G6	BETHLEHEM REALTY INC	1-RB2C-67.1
H6	GRACE EVANGELICAL TRUSTEES C/O SPENCE TIMOTHY	1-RB2C-67
I6	GOMPERS THOMAS L	1-RB2C-82
J6	ANDREWS BRETT A & CHRISTINE A	1-RB2C-85.2
K6	MEREDITH CHARLES R & P L	1-RB2C-85
L6	KIRBY CHARLES R & ASHLEY M	1-RB2C-84.1
M6	ROSEMEIER WILLIAM MJR	1-RB2C-80.3
N6	JANISZEWSKI CECELIA, STANLEY M JANISZEWSKI SP; JANISZEWSKI SA	1-RB2C-79
O6	BOARD OF EDUCATION	1-RB2C-94
P6	BETHLEHEM UNITED PRESBYTERIAN CHURCH TRUSTEES	1-RB2C-36
Q6	PRESBYTERY OF WHEELING (SYNOD OF WV)	1-RB1Q-36
R6	SCHEHL MICHAEL A & CHRISTINA L	1-RB1Q-39
S6	DIERINGER OLIVE JANE	1-RB1-17
T6	BANDI MARY DEE	1-RB1Q-107
U6	SASEEN MARK S & ALLISON M	1-RB1-18.1
V6	WHITE JONATHAN W & HEATHER	1-RB1-18
W6	WEESE JEFFREY	1-RB1Q-125
X6	RAPP DAVID A & TAMMY L	1-RB1Q-127
Y6	WHEELING PROPERTIES	10-W80-1
Z6	CITY OF WHEELING	10-W80-1.3

06/17/2022

REVISIONS:	COMPANY:	 	
	OPERATOR'S	DAVID REINBEAU MSH	DATE: 06-02-2022
	WELL #:	47-051-02438 1H MOD1	DRAWN BY: N. MANO
	DISTRICT:	UNION	SCALE: N/A
	COUNTY:	MARSHALL	DRAWING NO:
	STATE:	WV	WELL LOCATION PLAT 5

WW-6A1  
(5/13)

Operator's Well No. DAVID REINBEAU MSH 1H

**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"				

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\*Co-tenancy utilization - At least 75% of the royalty owners have consented to the lawful use or development of the oil or natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-tenancy Modernization and Majority Protection Act.

**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

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:

Its:

Bailey Braugh  
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  
David Reinbeau MSH 1H  
Marshall and Ohio Counties, West Virginia

#	TMP	LESSOR	LESSEE	ROYALTY	BK/PG	% Interest Not Leased/Owned by SWN
✓ 1)	13-0008-0029-0000	Shelly A. Reinbeau and David W. Reinbeau, her husband, joint tenants, with right of survivorship	Chesapeake Appalachia, LLC SWN Production Company, LLC	17.00%	688/424 33/110	0.00%
✓ 2)	13-0008-0027-0000	Shelly A. Reinbeau and David W. Reinbeau, her husband, joint tenants, with right of survivorship	Chesapeake Appalachia, LLC SWN Production Company, LLC	17.00%	688/424 33/110	0.00%
✓ 3)	13-0008-0028-0000	James D. Gardner, a widower	TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. Chesapeake Appalachia, LLC SWN Production Company, LLC	16.00%	709/558 24/430 756/332 30/532 33/110	0.00%
		Robert E. Gardner and Mary Gardner, his wife (1/4th interest)	TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. Chesapeake Appalachia, LLC SWN Production Company, LLC	16.00%	717/139 24/430 756/332 30/532 33/110	
		Gloria N. McGwire and Kenneth McGwire, her husband	TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. Chesapeake Appalachia, LLC SWN Production Company, LLC	16.00%	717/137 24/430 756/332 30/532 33/110	
		Lilo Gardner, aka Liselotte P. Gardner, a widow	TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. Chesapeake Appalachia, LLC SWN Production Company, LLC	16.00%	717/135 24/430 756/332 30/532 33/110	
✓ 4)	13-0007-0020-0000	Hayhurst Company, a Florida Partnership	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	17.00%	715/419 33/110	0.00%
✓ 5)	13-0007-0018-0001	Hayhurst Company, a Florida Partnership	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	17.00%	715/419 33/110	0.00%
✓ 6)	13-0004-0023-0006	Blaney Farms, L.L.C., a West Virginia Limited Liability Company	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	685/543 33/110	0.00%
✓ 7)	13-0003-0003-0000	Orville Young L.L.C.	SWN Production Company, LLC	18.00%	868/394	0.00%
		Louise S. Coulling, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.75%	767/445 33/110	
		Heidi Bruhn, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.75%	767/455 33/110	
		Mary Schenk Hamilton and Gary P. Hamilton, wife and husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.75%	767/466 33/110	
		Karen Schenk Sligar and Terry B. Sligar, wife and husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.75%	768/203 33/110	
		White Horse Farm, LLC	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.75%	771/373 33/110	

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		Frank A. Bonaccl, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.75%	782/385 33/110		
		Brian F. Bonaccl, a single man	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.75%	782/393 33/110		
✓	8)	13-0004-0022-0023	James Riley West and Phyllis Jean West, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/329 33/110	0.00%
			Fred Games and Mary Virginia Games, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/334 33/110	
✓	9)	13-0004-0022-0022	James Riley West and Phyllis Jean West, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/329 33/110	0.00%
			Fred Games and Mary Virginia Games, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/334 33/110	
✓	10)	13-0004-0022-0020	James Riley West and Phyllis Jean West, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/329 33/110	0.00%
			Fred Games and Mary Virginia Games, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/334 33/110	
✓	11)	13-0004-0022-0014	James Riley West and Phyllis Jean West, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/329 33/110	0.00%
			Fred Games and Mary Virginia Games, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/334 33/110	
✓	12)	13-0004-0022-0027	James Riley West and Phyllis Jean West, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/329 33/110	0.00%
			Fred Games and Mary Virginia Games, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/334 33/110	
✓	13)	13-0004-0022-0008	Carol Lynn Hill, single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	770/630 33/110	0.00%
✓	14)	13-0004-0022-0013	James Riley West and Phyllis Jean West, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/329 33/110	0.00%
			Fred Games and Mary Virginia Games, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/334 33/110	
✓	15)	13-0004-0022-0017	James Riley West and Phyllis Jean West, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/329 33/110	0.00%
			Fred Games and Mary Virginia Games, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	676/334 33/110	
✓	16)	13-0004-0021-0004	Phillip C. McGuire and Janice R. McGuire, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	834/193 33/110	0.00%
✓	17)	13-0004-0021-0009	Phillip C. McGuire and Janice R. McGuire, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	834/193 33/110	0.00%
✓	18)	13-0002-0101-0000	Marybeth Pollack and Richard J. Pollack, her husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	775/539 33/110	0.00%
✓	19)	13-0002-0100-0000	Richard J. Pollack and Marybeth Pollack, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	777/357 33/110	0.00%

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✓ 20)	13-0002-0098-0000	John Arthur Garvin and Karen L. Garvin, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	681/598 33/110	0.00%
		Calvin Carter Garvin, a married man doing business in his sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	682/118 33/110	
		Hadden Paul Garvin, Jr., single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	681/119 33/110	
		Leila Catherine Garvin Linder, aka Catherine Linder, and Dr. Steven Linder, wife and husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	799/269 33/110	
		Heather Blackmar, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	799/635 33/110	
		Gary W. Garvin, single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	691/646 33/110	
		Philip Spencer Bowen, Jr., widower	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	799/641 33/110	
		Donald Alexander Garvin, widower	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.75%	710/34 33/110	
✓ 21)	13-0002-0081-0000	John Arthur Garvin and Karen L. Garvin, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	681/598 33/110	0.00%
		Calvin Carter Garvin, a married man doing business in his sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	682/118 33/110	
		Hadden Paul Garvin, Jr., single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	681/119 33/110	
		Leila Catherine Garvin Linder, aka Catherine Linder, and Dr. Steven Linder, wife and husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	799/269 33/110	
		Heather Blackmar, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	799/635 33/110	
		Gary W. Garvin, single	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	691/646 33/110	
		Philip Spencer Bowen, Jr., widower	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.00%	799/641 33/110	
		Donald Alexander Garvin, widower	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.75%	710/34 33/110	
✓ 22)	13-0002-0076-0000	Royalty Owner	n/a	n/a	n/a	15.63%
		Mary A. Bowser, a/k/a Mary Anne Bowser, a divorced woman and not remarried	SWN Production Company, LLC	18.00%	1125/140	
		Sheila L. Doyle a/k/a Sheila Doyle f/k/a Sheila Caldwell, a divorced woman and not remarried	SWN Production Company, LLC	17.00%	1135/614	
✓ 23)	13-0002-0068-0000	Marybeth Pollack and Richard J. Pollack, her husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	18.75%	710/49 33/110	0.00%
✓ 24)	13-0002-0038-0000	Royalty Owner	n/a	n/a	n/a	23.94%
		Richard J. Pollack and Marybeth Pollack, a/k/a Mary Beth Pollack, husband and wife	SWN Production Company, LLC	18.00%	1099/410	

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Leroy Walter Glessing, a widower and not remarried	SWN Production Company, LLC	15.00%	1111/162
David James Knudson, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1111/190
Jean Marie Golde and Jim Rodney Golde, wife and husband	SWN Production Company, LLC	15.00%	1111/169
Mark Anthony Knudson and Cynthia A. Knudson, husband and wife	SWN Production Company, LLC	15.00%	1108/228
Rachel A. Dymoke, f/k/a Rachel A. Johnson, and Scott Edward Dymoke, wife and husband	SWN Production Company, LLC	15.00%	1111/183
Leah Christine Lenarz, f/k/a Leah Christine Johnson, and John Raymond Lenarz, wife and husband	SWN Production Company, LLC	15.00%	1111/176
Richard S. Kinkade and LaRene Kinkade, husband and wife	SWN Production Company, LLC	15.00%	1114/566
Gary L. Kinkade and Kathryn F. Kinkade, husband and wife	SWN Production Company, LLC	15.00%	1113/29
Michael H. Weston and JoAnna P. Weston, husband and wife	SWN Production Company, LLC	15.00%	1113/22
Candace Joan Daigle, f/k/a Candace Joan Thornberg, and Geoffrey R. Daigle, wife and husband	SWN Production Company, LLC	15.00%	1129/68
Noel Lynn Denny f/k/a Noel Lynn Glessing and James L. Denny a/k/a Jim L. Denny, wife and husband	SWN Production Company, LLC	15.00%	1131/8
Brian D. Glessing and Shari Gwen Glessing, husband and wife	SWN Production Company, LLC	15.00%	1129/647
Nell Leroy Glessing and Kathleen Ann Glessing, husband and wife	SWN Production Company, LLC	15.00%	1129/654
Nicholas Sean Meyer, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1131/1
Danielle Marie Vichique, f/k/a Danielle Marie Meyer, a divorced woman and not remarried	SWN Production Company, LLC	15.00%	1133/1
Debra L. Gorman a/k/a Debra Gorman f/k/a Debra L. Schweitzer	SWN Production Company, LLC	15.00%	1131/483
Daniel Jason Meyer and Sarah B. Meyer, husband and wife	SWN Production Company, LLC	15.00%	1130/274
Susan Linda Mericle, f/k/a Susan Hutchison, f/k/a Susan Thornberg, and Jerry E. Mericle, wife and husband	SWN Production Company, LLC	15.00%	1129/675
Jeremy Ronald Wayne Meyer, a widower and not remarried	SWN Production Company, LLC	15.00%	1130/288
North Dakota Community Foundation, a North Dakota non-profit corporation	SWN Production Company, LLC	18.00%	1128/67
Kimberly Marie Stone, f/k/a Kimberly Marie Meyer, a widow and not remarried	SWN Production Company, LLC	15.00%	1129/682

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	Jane Elizabeth Swanson, f/k/a Jane Elizabeth Thornberg, and Craig A. Swanson, wife and husband	SWN Production Company, LLC	15.00%	1129/61		
	David Leroy Thornberg, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1129/640		
	Daniel Willard Thornberg, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1130/281		
	Robert Russell Thornberg, a married man dealing in his sole and separate property	SWN Production Company, LLC	15.00%	1129/633		
	Sheryl Joyce Thornberg, a single woman	SWN Production Company, LLC	15.00%	1129/661		
	Steven Lloyd Thornberg, a divorced man and not remarried	SWN Production Company, LLC	15.00%	1129/668		
25)	13-0002-0038-0001	Richard J. Pollack and Marybeth Pollack, a/k/a Mary Beth Pollack, husband and wife	SWN Production Company, LLC	18.00%	1099/410	0.00%
26)	13-0002-0039-0000	Irma J. Nixon, widow	TH Exploration, LLC	18.00%	859/386	0.00%
			American Petroleum Partners Operating, LLC		42/100	
			SWN Production Company, LLC		45/381	
	Donald G. Rogerson, Sr., widower	TH Exploration, LLC	18.00%	859/389		
			American Petroleum Partners Operating, LLC		42/100	
			SWN Production Company, LLC		45/381	
	Norman E. Rogerson and Vena Rogerson, his wife	TH Exploration, LLC	18.00%	859/383		
			American Petroleum Partners Operating, LLC		42/100	
			SWN Production Company, LLC		45/381	
	Wayne R. Rogerson, widower	TH Exploration, LLC	18.00%	859/392		
			American Petroleum Partners Operating, LLC		42/100	
			SWN Production Company, LLC		45/381	
	Ruth M. Cook and Gerald R. Cook, her husband	TH Exploration, LLC	18.00%	859/404		
			American Petroleum Partners Operating, LLC		42/100	
			SWN Production Company, LLC		45/381	
	Evelyn June Baker, aka June E. Baker, single	TH Exploration, LLC	18.00%	862/454		
			American Petroleum Partners Operating, LLC		42/100	
			SWN Production Company, LLC		45/381	
	Ronald J. Coffield and Dawn Lee Coffield, husband and wife	TH Exploration, LLC	18.00%	859/407		
			American Petroleum Partners Operating, LLC		42/100	
			SWN Production Company, LLC		45/381	
	Thomas E. Coffield and Victoria S. Coffield, husband and wife	TH Exploration, LLC	18.00%	859/410		
			American Petroleum Partners Operating, LLC		42/100	
			SWN Production Company, LLC		45/381	
	Larry K. Coffield and Nancy Coffield, his wife	TH Exploration, LLC	18.00%	859/422		
			American Petroleum Partners Operating, LLC		42/100	
			SWN Production Company, LLC		45/381	
	Connie S. Adams, single	TH Exploration, LLC	18.00%	859/425		
			American Petroleum Partners Operating, LLC		42/100	
			SWN Production Company, LLC		45/381	

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	Nicole Owens, single	TH Exploration, LLC	18.00%	859/419		
		American Petroleum Partners Operating, LLC		42/100		
		SWN Production Company, LLC		45/381		
	Lucas Coffield, single	TH Exploration, LLC	18.00%	859/413		
		American Petroleum Partners Operating, LLC		42/100		
		SWN Production Company, LLC		45/381		
	Joshua Coffield, single	TH Exploration, LLC	18.00%	859/416		
		American Petroleum Partners Operating, LLC		42/100		
		SWN Production Company, LLC		45/381		
27)	13-0002-0014-0009	Nettie Seidler, a widow	American Petroleum Partners Operating, LLC	18.00%	923/546	0.00%
			SWN Production Company, LLC		45/381	
28)	13-0002-0014-0007	Patricia L. Seidler, a widow	American Petroleum Partners Operating, LLC	18.00%	915/10	0.00%
			SWN Production Company, LLC		45/381	
29)	13-0002-0014-0006	Joyce Shively and Harry Norman Shively, Jr., wife and husband	TH Exploration, LLC	19.00%	939/195	0.00%
			American Petroleum Partners Operating, LLC		43/497	
			SWN Production Company, LLC		45/381	
30)	13-0002-0102-0003	Ahmad Rahbar Credit Shelter Trust	American Petroleum Partners Operating, LLC	18.75%	924/229	0.00%
			SWN Production Company, LLC		45/381	
31)	p/o 13-0002-0102-0000	Ahmad Rahbar Credit Shelter Trust	American Petroleum Partners Operating, LLC	18.75%	924/229	0.00%
			SWN Production Company, LLC		45/381	
32)	13-0002-0102-0002	Ahmad Rahbar Credit Shelter Trust	American Petroleum Partners Operating, LLC	18.75%	924/229	0.00%
			SWN Production Company, LLC		45/381	
33)	13-0002-0102-0000	Ahmad Rahbar Credit Shelter Trust	American Petroleum Partners Operating, LLC	18.75%	924/229	0.00%
			SWN Production Company, LLC		45/381	
34)	01-ORB2-0032-0000	Janet M. Andrews, Trustee of the Janet M. Andrews Irrevocable Trust, dated October 17, 2011	American Petroleum Partners Operating, LLC	18.00%	931/228	0.00%
			SWN Production Company, LLC		980/572	
35)	01-ORB2-0028-0000	Gloria J. McFarland, a married woman dealing in her sole and separate property	American Petroleum Partners Operating, LLC	18.00%	932/97	0.00%
		Robert R. Schmidt, Jr., a married man dealing in his sole and separate property	SWN Production Company, LLC		980/572	
		Randall B. Schmidt, single	American Petroleum Partners Operating, LLC	18.00%	931/224	
			SWN Production Company, LLC		980/572	
			American Petroleum Partners Operating, LLC	18.00%	931/232	
			SWN Production Company, LLC		980/572	
36)	01-RB2M-0054-0002	Dale Craig Garvin, a/k/a D. Craig Garvin, and Eydie M. Garvin, a/k/a Eydie Garvin, husband and wife	SWN Production Company, LLC	18.00%	990/603	0.00%
37)	01-RB2M-0054-0001	Dale Craig Garvin, a/k/a D. Craig Garvin, and Eydie M. Garvin, a/k/a Eydie Garvin, husband and wife	SWN Production Company, LLC	18.00%	990/603	0.00%
38)	01-RB2M-0027-0001	Dale Craig Garvin, a/k/a D. Craig Garvin, and Eydie M. Garvin, a/k/a Eydie Garvin, husband and wife	SWN Production Company, LLC	18.00%	990/603	0.00%
39)	01-RB2M-0021-0000	Cynthia A. Clark, a/k/a Cynthia Ann Clark, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1012/553	0.00%
		Gary L. Gockstetter, a/k/a Gary Louis Gockstetter, and Beverly K. Gockstetter, husband and wife	SWN Production Company, LLC	18.00%	1012/559	
40)	01-RB2M-0002-0000	Michael D. Cherry, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1018/210	0.00%
41)	01-RB2M-0003-0000	Ashley A. Manning and Charlotte A. Elder, as joint tenants with right of survivorship	SWN Production Company, LLC	18.00%	1015/532	0.00%

42)	01-ORB2-0027-0003	Sandra L. Marshall, a married woman dealing in her sole and separate property Carol V. Sutton Ridgely, a married woman dealing in her sole and separate property	American Petroleum Partners Operating, LLC SWN Production Company, LLC American Petroleum Partners Operating, LLC SWN Production Company, LLC	18.00%  18.00%	931/236 980/572 931/244 980/572	0.00%
43)	01-ORB2-0024-0000	Sandra L. Marshall, a married woman dealing in her sole and separate property Carol V. Sutton Ridgely, a married woman dealing in her sole and separate property	American Petroleum Partners Operating, LLC SWN Production Company, LLC American Petroleum Partners Operating, LLC SWN Production Company, LLC	18.00%  18.00%	931/236 980/572 931/244 980/572	0.00%
44)	01-RB2G-0058-0000	Bruce A. Sommers and Angela R. Sommers, husband and wife	SWN Production Company, LLC	15.00%	999/492	0.00%
45)	01-RB2G-0055-0000	Steven S. Helmick and Betsy J. Helmick, husband and wife	SWN Production Company, LLC	15.00%	1015/22	0.00%
46)	01-ORB2-0014-0000	Bounty Minerals, LLC	American Petroleum Partners Operating, LLC SWN Production Company, LLC	20.00%	964/141 980/572	0.00%
47)	01-ORB2-0014-0002	Bounty Minerals, LLC	American Petroleum Partners Operating, LLC SWN Production Company, LLC	20.00%	964/141 980/572	0.00%
48)	01-ORB2-0014-0001	Bounty Minerals, LLC	American Petroleum Partners Operating, LLC SWN Production Company, LLC	20.00%	964/141 980/572	0.00%
49)	01-RB2C-0083-0000	Village of Bethlehem, a municipal corporation	SWN Production Company, LLC	18.00%	1018/265	0.00%
50)	01-RB2C-0091-0000	Jonathan L. Haught, a single man, and William C. Haught, a married man dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1015/9	0.00%
51)	01-RB2C-0090-0000	Andrew J. Donahue and Pola V. Donahue, husband and wife	SWN Production Company, LLC	18.00%	1015/15	0.00%
52)	01-RB2C-0090-0001	Andrew J. Donahue and Pola V. Donahue, husband and wife	SWN Production Company, LLC	18.00%	1015/15	0.00%
53)	01-RB2C-0089-0001	Justin E. Hamrick and Kelly L. Hamrick, f/k/a Kelly L. McMurray, husband and wife	SWN Production Company, LLC	18.00%	1015/46	0.00%
54)	01-RB2C-0088-0000	Karen S. Hamilton, a widow and not remarried	SWN Production Company, LLC	18.00%	1015/40	0.00%
55)	01-RB2C-0086-0000	Shawn D. Uzlik, a single man	SWN Production Company, LLC	18.00%	1015/28	0.00%
56)	01-RB2C-0097-0000	Denise L. Keefer, f/k/a Denise L. White, and John W. Keefer, wife and husband	SWN Production Company, LLC	18.00%	1015/34	0.00%
57)	01-RB2C-0096-0000	Martha A. Schrimp, a widow and not remarried	SWN Production Company, LLC	18.00%	1020/161	0.00%
58)	01-RB2C-0095-0000	Joseph William Taylor, single	American Petroleum Partners Operating, LLC TH Exploration, LLC SWN Production Company, LLC	18.00%	935/219 1007/363 1134/238	0.00%
59)	01-ORB2-0020-0000	Wheeling Properties Co., a Joint Venture	American Petroleum Partners Operating, LLC SWN Production Company, LLC	18.00%	949/481 993/705	0.00%

\*At least 75% of the royalty owners have consented to the lawful use or development of the oil or natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-Tenancy Modernization and Majority Protection Act.

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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 6, 2022

Mr. Charles Brewer  
WV DEP Office of Oil & Gas  
601 57<sup>th</sup> St., SE  
Charleston, WV 25304

**RE:** SWN's proposed New Well: David Reinbeau MSH 1H in Marshall County, West Virginia, Drilling under Fairmont Pike, Bethlehem Boulevard, Elm Lane, Orchard Lane, Cherry Lane, Maple Lane, Village Drive, Sorghum Ridge Road, Garvins Road, and Phylmar Drive.

Dear Mr. Brewer:

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 Fairmont Pike, Bethlehem Boulevard, Elm Lane, Orchard Lane, Cherry Lane, Maple Lane, Village Drive, Sorghum Ridge Road, Garvins Road, and Phylmar Drive. 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 to create value.  
06/17/2022

June 9, 2022

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

Ch#  
0001066576  
\$ 5000<sup>00</sup>  
6/7/22

**RE: Proposed Expedited Modification:** David Reinbeau MSH 1H

Dear Mr. Brewer:

Enclosed please find the required documents to modify this well. There was a typo on the coal depth. This well is situated on the Reinbeau's property, in Union District, Marshall County, West Virginia.

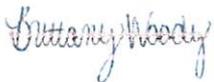
Enclosed you will find:

- 6B
- WBD
- Mylar
- 6A1

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

Thank you.

Sincerely,



Brittany Woody  
Senior Regulatory Analyst  
Southwestern Energy Production Company, LLC

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Environmental Protection





Stansberry, Wade A <wade.a.stansberry@wv.gov>

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**Expedited Modification Horizontal H6A Well Work Permits API: (47-051-02438)**

1 message

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**Stansberry, Wade A** <wade.a.stansberry@wv.gov>

Mon, Jun 13, 2022 at 11:50 AM

To: Brittany Woody <Brittany\_Woody@swm.com>, Liz Gee <liz\_gee@swm.com>, "Gayne J. Knitowski" <gayne.j.knitowski@wv.gov>, Strader C Gower <strader.c.gower@wv.gov>, Eric Buzzard <ebuzzard@marshallcountywv.org>

I have attached a copy of the newly issued well permit numbers:

**47-051-02438 - DAVID REINBEAU MSH 1H**

These will serve as your copy.

Thank you,

**Wade A. Stansberry**

**Environmental Resource Specialist 3**

**West Virginia Department of Environmental Protection**

**Office of Oil & Gas**

**601 57th St. SE**

**Charleston, WV 25304**

**(304) 926-0499 ext. 41115**

**(304) 926-0452 fax**

**[Wade.A.Stansberry@wv.gov](mailto:Wade.A.Stansberry@wv.gov)**

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 **47-051-02438 - mod.pdf**  
5752K

**06/17/2022**