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

Tuesday, September 15, 2026
WELL WORK PERMIT
Horizontal 6A / New Drill

EXPAND OPERATING LLC
6100 N WESTERN AVE.

OKLAHOMA CITY, OK 73118

Re: Permit approval for Ruth Keller MSH 805H
47-051-02600-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

H. Jason Harmon
Chief

Operator's Well Number:	Ruth Keller MSH 805H
Farm Name:	Brian J Keller, David J & Alice M Cook
U.S. WELL NUMBER:	47-051-02600-00-00
Horizontal 6A	New Drill
Date Issued:	9/15/2026

09/18/2026

API Number: 47-051-02600

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.

2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.

3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.

4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.

5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.

6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.

7. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Also, 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.

8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.

9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.

10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

09/18/2026

WW-6B
(04/15)

API NO. 47- 051 - 02600
OPERATOR WELL NO. Ruth Keller MSH 805H
Well Pad Name: Ruth Keller MSH

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

1) Well Operator:	Expand Operating LLC	494533012	051-Marshal	7-Union	486-Moundsville
		Operator ID	County	District	Quadrangle

2) Operator's Well Number: Ruth Keller MSH 805H Well Pad Name: Ruth Keller MSH

3) Farm Name/Surface Owner: Brian Keller, David Cook, Suzanne Cook, Steven Cook, Andre Public Road Access: Glen Dale Heights Road

4) Elevation, current ground: 1327' Elevation, proposed post-construction: 1327'

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

6) Existing Pad: Yes or No Yes

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- 6365', Target Base TVD- 6421', Anticipated Thickness- 56', Associated Pressure- 4167

8) Proposed Total Vertical Depth: 6,363'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 35,150'

11) Proposed Horizontal Leg Length: 21,149.87'

12) Approximate Fresh Water Strata Depths: 462'

13) Method to Determine Fresh Water Depths: Depth Reported from nearby well WR-35- 4705102515

14) Approximate Saltwater Depths: 12163' salinity profile

15) Approximate Coal Seam Depths: 835'

16) Approximate Depth to Possible Void (coal mine, karst, other): Possible Void 835'

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

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

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STRADER GOOCH
7/9/2026

09/18/2026

WW-6B
(04/15)

API NO. 47- 051 - 02600
OPERATOR WELL NO. Ruth Keller MSH 805H
Well Pad Name: Ruth Keller 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#	100'	100'	CTS
Fresh Water	13 3/8"	New	J-55	54.5#	885'	885'	1021 sx/CTS
Coal	See	Surface	Casing				
Intermediate	9 5/8"	New	J-55	36#	2800'	2800'	1091 sx/CTS
Production	6"	New	J-55	24#	0'	6500'	
Production	5 1/2"	New	P-110 HP	20#	6500'	35,150'	Tail 6578sx/ 100' Inside Intermediate
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"	0.330	1730	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							
Production	5 1/2"	8 3/4"-8 1/2"	0.361	14360	10500	Class A	1.19/10-15% Excess
Liners							

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PACKERS

Kind:				
Sizes:				
Depths Set:				

Strader Glover
7/9/2026

09/18/2026

API NO. 47- 051 - 02600
OPERATOR WELL NO. Ruth Keller MSH 805H
Well Pad Name: Ruth Keller MSH

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 units, 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): 6.78

22) Area to be disturbed for well pad only, less access road (acres): 4.30

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.

*Note: Attach additional sheets as needed.

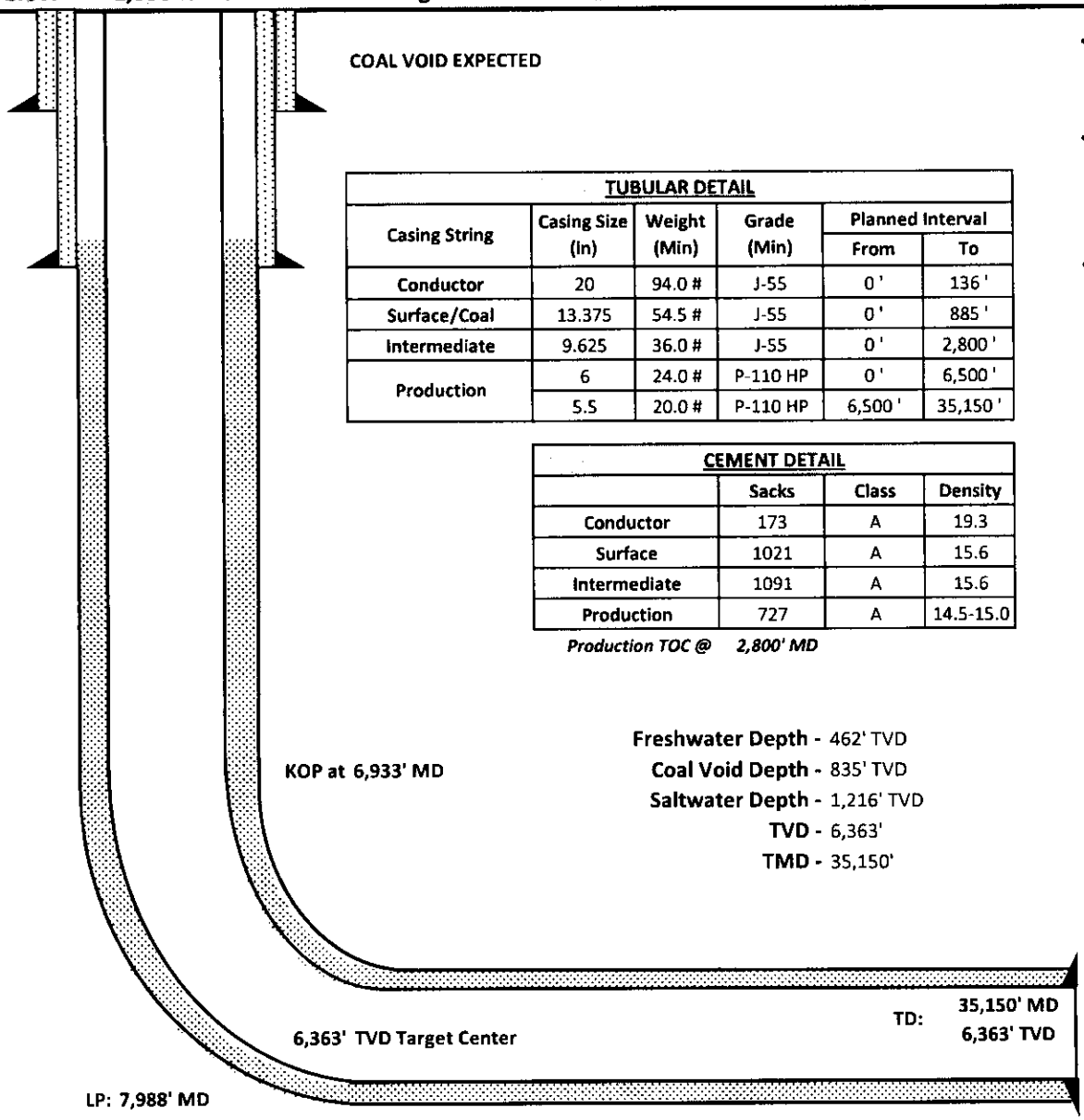
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CEMENT ADDITIVES						
INTERVAL	SCHLUMBERGER PRODUCT NAME	BJ PRODUCT NAME	NEXTIER PRODUCT NAME	PRODUCT USE	CHEMICAL NAME	CAS-Number
SURFACE (FRESHWATER)		INTEGRA SEAL	CJ600	LOST CIRC MATERIAL	CELLOPHANE FLAKES	9005-81-6
up to 3%	S001	A-7P	0110	ACCELERATOR	CALCIUM CHLORIDE	10043-52-4
COAL PROTECTION		INTEGRA SEAL	0600	LOST CIRC MATERIAL	CELLOPHANE FLAKES	9005-81-6
up to 3%	S001	A-7P	CJIIO	ACCELERATOR	CALCIUM CHLORIDE	10043-52-4
INTERMEDIATE	D020	BENTONITE	CJ020	EXTENDER	BENTONITE	1302-78-9
	0047	FP 28L		LIQUID ANTIFOAM AGENT	POLYPROPYLENE GLYCOL	25322-69-4
		INTEGRA SEAL	CJ600	LOST CIRC MATERIAL	CELLOPHANE FLAKES	9005-81-6
	CemNet			LOST CIRC MATERIAL	COATED FIBERGLASS FIBERS	PROPRIETARY
	SUGAR	SUGAR	CJ795	CMT RETARDER	SUCROSE	57-50-1
	S001	A-7P	CJ110	ACCELERATOR	CALCIUM CHLORIDE	10043-52-4
PRODUCTION			CJIII	ACCELERATOR	SODIUM CHLORIDE	7440-23-5
		55-IIW	0880	SURFACTANT	NONIONIC SURFACTANT	6540-99-4
	DO47	FP 28L		LIQUID ANTIFOAM AGENT	POLYPROPYLENE GLYCOL	25322-69-4
			OX157011	SOLID ANTIFOAM AGENT	FULLERS EARTH(ATTAPULGITE)	8031-18-3
			CJ540	HP FLUID LOSS ADDITIVE	ALIPHATICAMIDE POLYMER	PROPRIETARY
	0255			MED TEMP FLUID LOSS ADDITIVE	POLYACRILIC POLYMER	PROPRIETARY
			CJ213	RETARDER	CHRYSTALLINE SILICA	14808-60-7
		FL-66	0501	LOW TEMP FLUID LOSS ADD	POWDERED POLYSACCHARIDE	PROPRIETARY
		BENTONITE	CJ020	EXTENDER	BENTONITE	1302-78-9
	D208	ASA-301		VISCOSI FIER/ANTI-SETTLING AGENT	REFINED POLYMER/ CHRYSTALLINE SILICA	PROPRIETARY
	D198	R-3		CEMENT RETARDER	LIGNIN	8068-51-6
	SUGAR	SUGAR	CJ795	CEMENT RETARDER	SUCROSE	57-50-1
	D065			DISPERSANT	SODIUM POLYNAPHTHALENE SULFONATE	8068-51-6
	D800			CEMENT RETARDER (Mid-Temperature)	SODIUM LIGNOSULFONATE	8061-51-6

09/18/2026

Expand Energy — Proposed Drilling Program

Well:	Ruth Keller MSH 805H	**Drilling Rig:**	EDC 501
Field:	Panhandle Field Wet	**Formation:**	Marcellus Shale
County:	Marshall	**State:**	WV
SHL (NAD83):	39.985654 Latitude	-80.695773 Longitude	
BHL (NAD83):	40.059565 Latitude	-80.717558 Longitude	
KB Elev:	1,353 ft MSL	**KB Height:** 26 ft AGL	**GL Elev:** 1,327 ft MSL



TUBULAR DETAIL

Casing String	Casing Size (In)	Weight (Min)	Grade (Min)	Planned Interval From	Planned Interval To
Conductor	20	94.0 #	J-55	0 '	136 '
Surface/Coal	13.375	54.5 #	J-55	0 '	885 '
Intermediate	9.625	36.0 #	J-55	0 '	2,800 '
Production	6	24.0 #	P-110 HP	0 '	6,500 '
	5.5	20.0 #	P-110 HP	6,500 '	35,150 '

CEMENT DETAIL

	Sacks	Class	Density
Conductor	173	A	19.3
Surface	1021	A	15.6
Intermediate	1091	A	15.6
Production	727	A	14.5-15.0

Production TOC @ 2,800' MD

Freshwater Depth - 462' TVD
Coal Void Depth - 835' TVD
Saltwater Depth - 1,216' TVD
TVD - 6,363'
TMD - 35,150'

Created by: Chris Adams on 06/10/2026

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47-051-02600

WW-9
(4/16)

API Number 47 - 051 -
Operator's Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Expand Operating LLC OP Code 494533012

Watershed (HUC 10) Short Creek Ohio River Quadrangle Moundsville

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ☑ No ☐

Will a pit be used? Yes ☐ No ☑

If so, please describe anticipated pit waste:

Will a synthetic liner be used in the pit? Yes ☐ No ☑ If so, what ml.?

Proposed Disposal Method For Treated Pit Wastes:

- ☐ Land Application
- ■ Underground Injection (UIC Permit Number Various Approved Facilities)
- ■ Reuse (at API Number At the next anticpiated well)
- ☐ Off Site Disposal (Supply form WW-9 for disposal location)
- ■ Other (Explain recovery and solidification on site

Will closed loop system be used? If so, describe: Yes- See Attachment 3A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Air drill to KOP, fluid drill with SOBM from KOP to TD

-If oil based, what type? Synthetic, petroleum, etc. Synthetic Oil Base

Additives to be used in drilling medium? Attachment 3B

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. landfill

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)

-Landfill or offsite name/permit number? Meadowfill SWF- 1032, Short Creek SWF-1034,Carbon Limestone MSWL018781, Wetzel County 1021
Apex Sanitary Landfill 06-08438, Brooke Co SWF-1013, FMS 353100

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Brittany Woody
Company Official (Typed Name) Brittany Woody
Company Official Title Senior Regulatory Analyst

Stephen Gower STRADER 7/9/2026

Subscribed and sworn before me this 14 day of May, 2026

Elizabeth Blankenship Notary Public

My commission expires 6/23/2029

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Elizabeth Blankenship
60 Simpson Run Road
Weston, WV 26452
My Commission Expires June 23, 2029

09/18/2026

Drilling Mediums

Surface/Coal (if present)/Freshwater Intervals

Air

Freshwater (if needed based on conditions)

Intermediate/Coal (if present)

Air

Freshwater (if needed based on conditions)

Brine (if needed, base fluid for mud systems)

Production Hole:

Air

Synthetic Oil (Base Fluid for mud system)

Barite

Calcium Chloride

Lime

Organophilic Bentonite

Primary and Secondary Emulsfiers

Gilsonite

Calcium Carbonate

Friction Reducers

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47-051-02600

Form WW-9

Operator's Well No. Ruth Keller MSH 8H

Expand Operating LLC

Proposed Revegetation Treatment: Acres Disturbed 4.30 Prevegetation pH _____

Lime as determined by pH test min.2 Tons/acre or to correct to pH 6.78

Fertilizer type 10-20-20

Fertilizer amount 600/500 lbs/acre

Mulch Hay/Straw Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Attachment 3C			

Attach:
Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: STRADER GOWER

Comments: _____

Title: Oil & Gas Inspector Date: 7/9/2024

Field Reviewed? (X) Yes ( ) No

09/18/2026

47-051-02600

Attachment 3C

WVD Seeding Specification

To Order Seed contact John Dubowski office 304-209-5741 cell 346-773-6078 john.dubowski@expandenergy.com (please allow 7 to 10 days for delivery)

NON-ORGANIC PROPERTIES

Seed Mixture: ROW Mix	SWN Supplied
Orchardgrass	40%
Timothy	15%
Annual Ryegrass	15%
Brown Top Millet	5%
Red Top	5%
Medium Red Clover	5%
White Clover	5%
Birdsfoot Trefoil	5%
Rough Bluegrass	5%

All legumes are innoculated at 5x normal rate

Apply @ 100lbs per acre
April 16th- Oct. 14th

Apply @ 200lbs per acre
Oct. 15th- April 15th PLUS
50lbs per acre of Winter Wheat

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SOIL AMENDMENTS

10-20-20 Fertilizer	*Apply @ 500lbs per Acre
Pelletized Lime	Apply @ 2 Tons per Acre

*unless otherwise dictated by soil test results

Seeding Calculation Information:

1452' of 30' ROW/LOD is One Acre
871' of 50' ROW/LOD is One Acre
622' of 70' ROW/LOD is One Acre

Synopsis:

Every 622 linear feet in a 70' ROW/LOD, you should be using (2) 50lb bags of seed, (4) 50lb bags of fertilizer and (80) 50lb bags of Lime (2x seed in winter months + 50lb Winter Wheat/ac).

Special Considerations:

Landowner Special Considerations including CREP program participants require additional guidance that is not given here. Discuss these requirements with Expand supervision at the beginning of the project to allow time for special seed delivery.

ORGANIC PROPERTIES

Seed Mixture: Expand Production Organic Mix	Expand Supplied
Organic Timothy	50%
Organic Red or White Clover	50%
OR	
Organic Perennial Ryegrass	50%
Organic Red or White Clover	50%

Apply @ 100lbs per acre
April 16th- Oct. 14th

Organic Fertilizer @ 200lbs per Acre

Apply @ 200lbs per acre
Oct. 15th- April 15th

Pelletized Lime @ 2 Tons per Acre

WETLANDS (delineated as jurisdictional wetlands)

Seed Mixture: Wetland Mix	Expand Supplied
VA Wild Ryegrass	20%
Annual Ryegrass	20%
Fowl Bluegrass	20%
Cosmos 'Sensation'	10%
Redtop	5%
Golden Tickseed	5%
Maryland Senna	5%
Showy Tickseed	5%
Fox Sedge	2.5%
Soft Rush	2.5%
Woolgrass	2.5%
Swamp Verbena	2.5%

Apply @ 25lbs per acre
April 16th- Oct. 14th

Apply @ 50lbs per acre
Oct. 15th- April 15th

NO FERTILIZER OR LIME INSIDE WETLAND LIMITS

Rev.10/11/2024

47-051-02600

MARCELLUS WELL DRILLING PROCEDURES AND WELL SITE SAFETY PLAN

Expand Energy
1300 Fort Pierpont Drive, Suite 201
Morgantown, West Virginia 26508

API NO. 47-XXX-XXXXX
WELL NAME: Ruth Keller MSH 805H
Moundsville QUAD
Union DISTRICT
MARSHALL COUNTY, WEST VIRGINIA

Submitted by:

Name: Brittany Woody Date: 4/29/2026

Brittany Woody

Title: Senior Regulatory Analyst Expand Energy

Approved by:

Name: Stroder Gower Date: 7/9/2026

Title: Oil & Gas Inspector

Approved by:

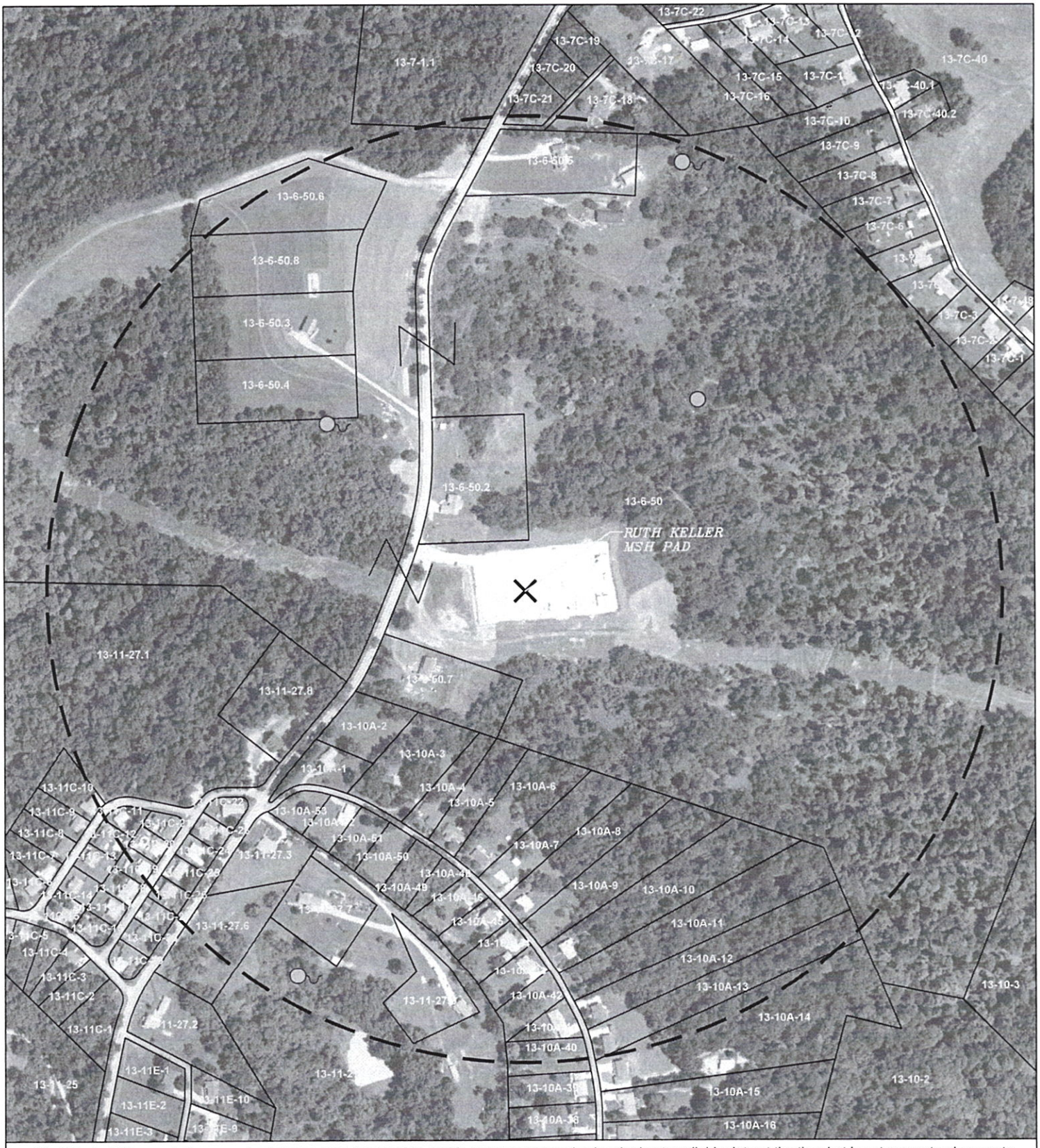
Name:_____ Date: _____

Title: _____

Expand Energy – CONFIDENTIAL

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The intent of this map is for general reference only. Information on this map was created using the best available data at the time but is not guaranteed accurate.

Water Purveyor Map

Created By: Nick Mano
Date Exported: 5/20/2026

Spatial Reference
Name: NAD 1983 BLM Zone 17N Ft US

1500' BUFFER
SPRING
POND
WELL

WELL PAD: RUTH KELLER

COUNTY: MARSHALL

0 50' 100' 200'
Scale: 1" = 100'

09/18/2026

Latitude: 40°00'00" — SURFACE HOLE 8155'

Latitude: 40°05'00" — BOTTOM HOLE 9078'

SURFACE HOLE 5226'

BOTTOM HOLE 8659'

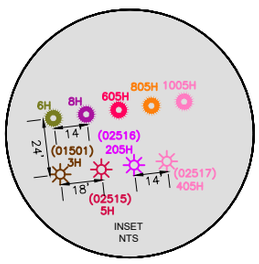
Longitude: 80°40'00"

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

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,209.223 EASTING: 525,974.164
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,675.425 EASTING: 527,039.357
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,406.604 EASTING: 524,088.189

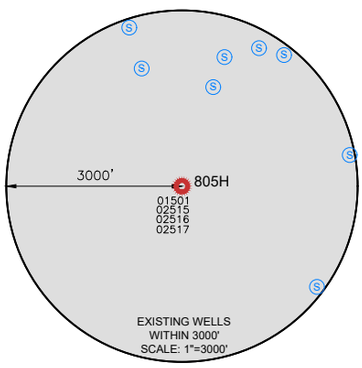
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 71°29'48" W	468.04'	SHL TO LANDMARK	5/8" REBAR FOUND
L2	N 31°44'31" W	594.28	SHL TO LANDMARK	5/8" REBAR FOUND
LINE	**BEARING**	**DISTANCE**	**CURVE LENGTH**	**DESCRIPTION**
L3	N 66°21'45" E	3814.78'	4,272.91'	SHL TO LPL

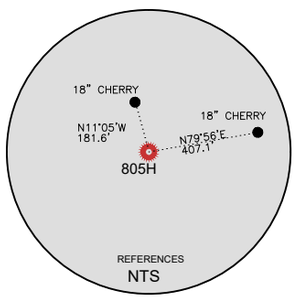
GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



SHL

BHL





Longitude: 80°45'00"

WELL RESTRICTIONS

1. THERE ARE TWO 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

DAVID L JACKSON LICENSED NO. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

2000 0 2000
GRAPHIC SCALE IN FEET

COMPANY: expand

(+) 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)

OPERATOR'S WELL #: RUTH KELLER MSH 805H

API WELL #: 47 (STATE) 051 (COUNTY) 02600 (PERMIT)

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

WATERSHED: SHORT CREEK OHIO RIVER (HUC-10) ELEVATION: 1327.3'

DISTRICT: UNION COUNTY: MARSHALL QUADRANGLE: MOUNDSVILLE, WV

SURFACE OWNER: BRIAN J. KELLER & DAVID J. & ALICE M. COOK (TOD) ACREAGE: ±173.061

OIL & GAS ROYALTY OWNER: BRIAN J. KELLER & DAVID J. & ALICE M. COOK (TOD) ACREAGE: ±173.061

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

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

09/18/2026

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,363 TVD 35,150 TMD

WELL OPERATOR: EXPAND OPERATING LLC
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

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

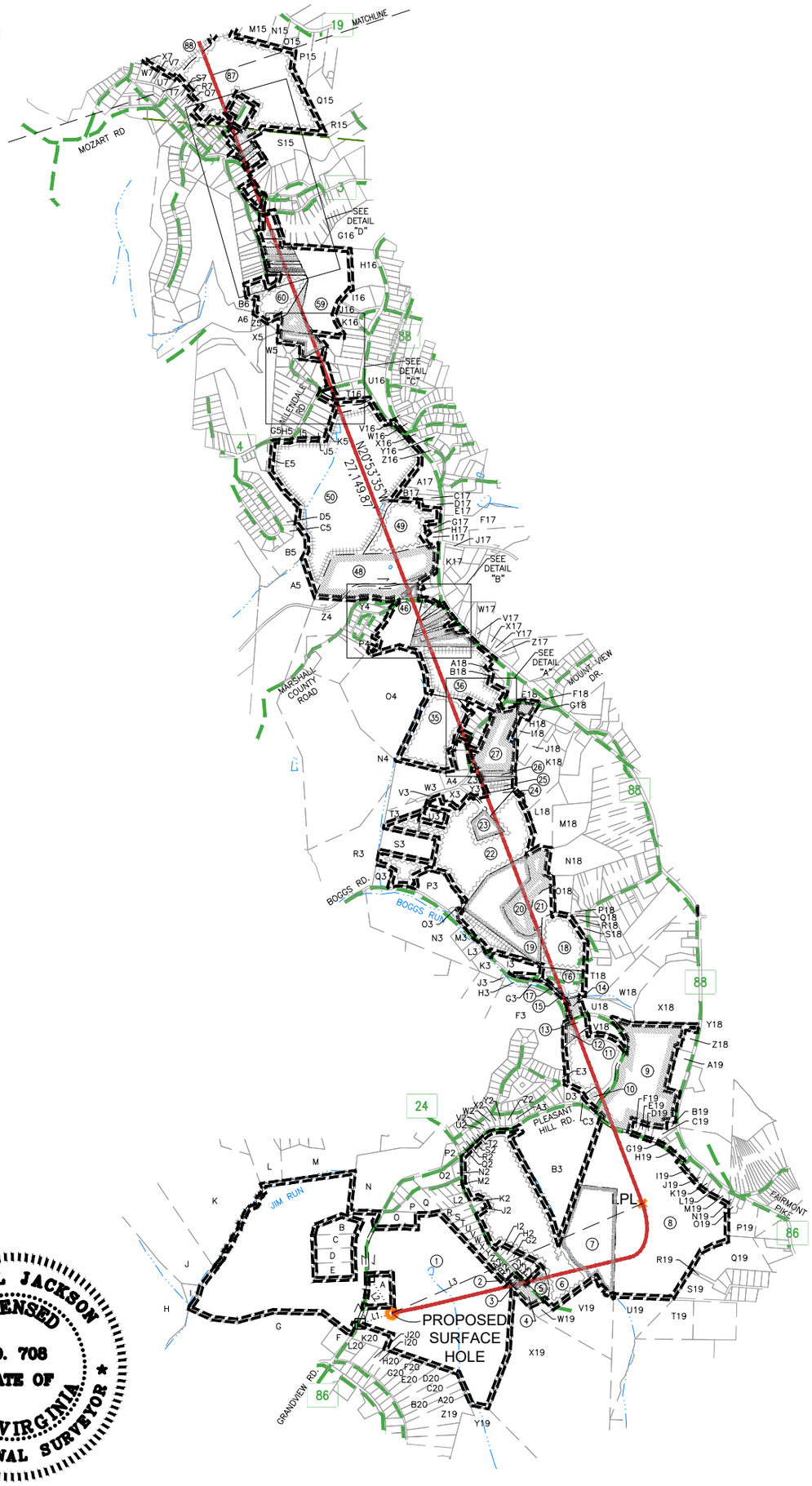
LEGEND:
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL LANDING POINT LOCATION
- (W) EXISTING WATER WELL
- (S) EXISTING SPRING
- SURVEYED BOUNDARY
- DRILLING UNIT
- LEASE BOUNDARY
- PROPOSED PATH

REVISIONS:	DATE: 06-04-2026
	DRAWN BY: N. MANO
	SCALE: 1" = 2000'
	DRAWING NO:
	WELL LOCATION PLAT

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\805H\FINAL\RUTH KELLER 805H 6-04-26\RUTH KELLER MSH 805H 6-04-26.DWG
THURSDAY JUNE 04 2026 11:44AM

PROPERTY NUMBER 675966
PAD ID 3001156093

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.

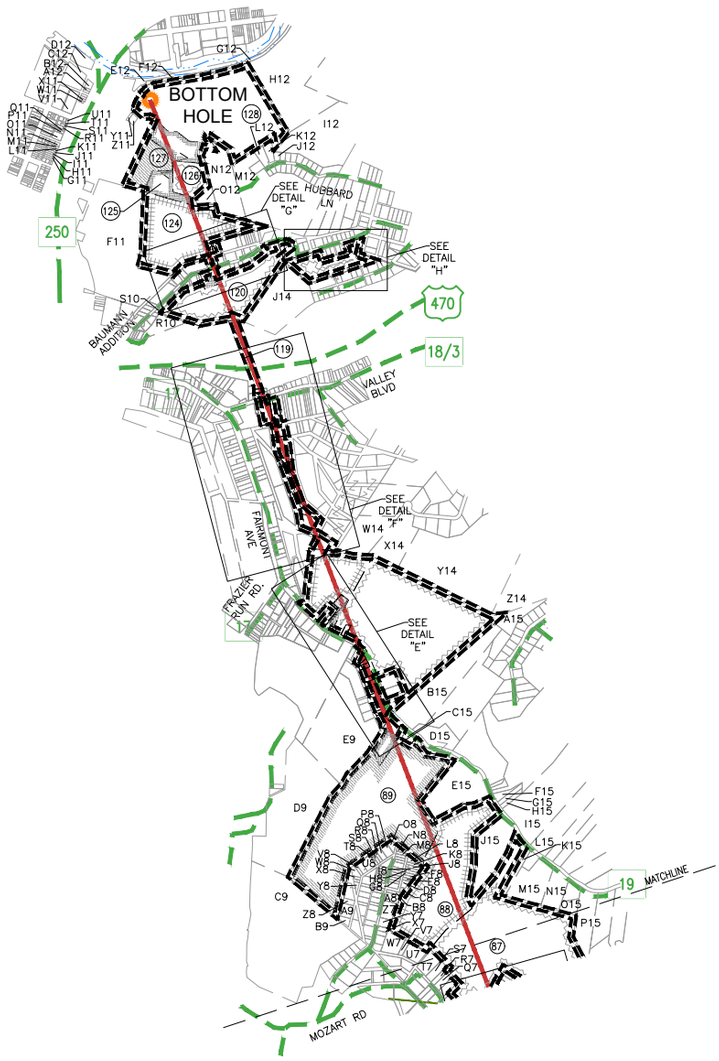
P.S. 708 David L Jackson

09/18/2026

REVISIONS:	COMPANY: eXpand		
OPERATOR'S WELL #:	RUTH KELLER MSH 805H	API #: 47-051- 02600	DATE: 06-04-2026
DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	DRAWN BY: N. MANO SCALE: N/A DRAWING NO: WELL LOCATION PLAT 2

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\805H\FINAL\RUTH KELLER 805H 6-04-26\RUTH KELLER MSH 805H 6-04-26.DWG
THURSDAY JUNE 04 2026 11:44AM

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

DAVID L JACKSON LICENSED NO. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

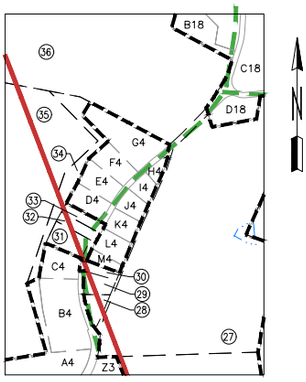
09/18/2026

REVISIONS:	COMPANY: eXpand		
OPERATOR'S WELL #:	RUTH KELLER MSH 805H	API #: 47-051- 02600	DATE: 06-04-2026
			DRAWN BY: N. MANO
DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	SCALE: N/A
			DRAWING NO: WELL LOCATION PLAT 3

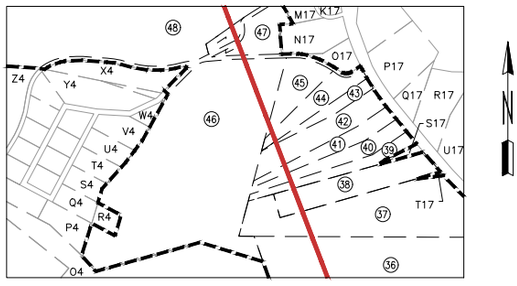
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THURSDAY JUNE 04 2026 11:45AM

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

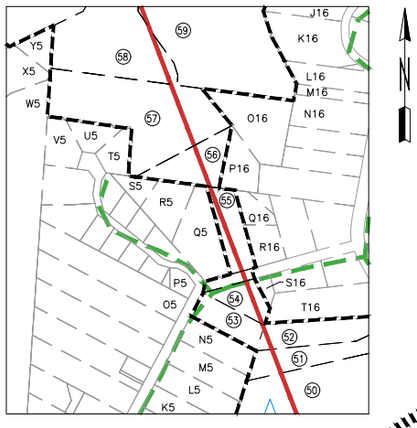
DETAIL "A"



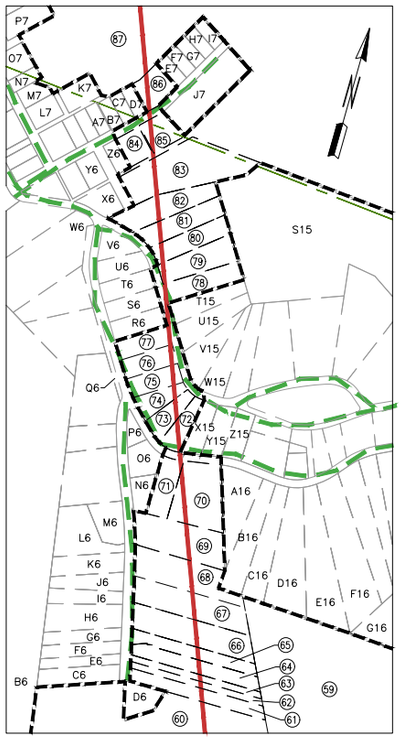
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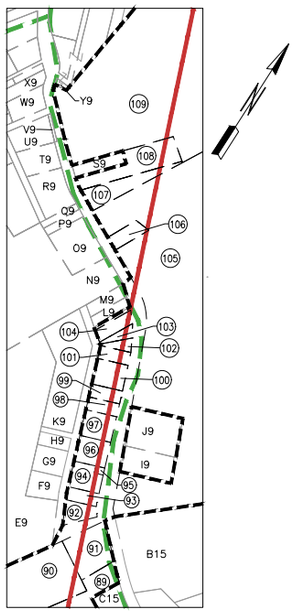
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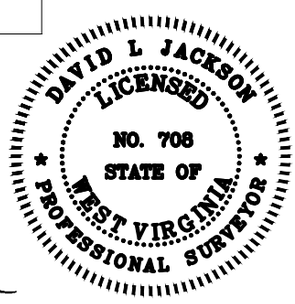


DETAIL "D"



DETAIL "E"





David L Jackson

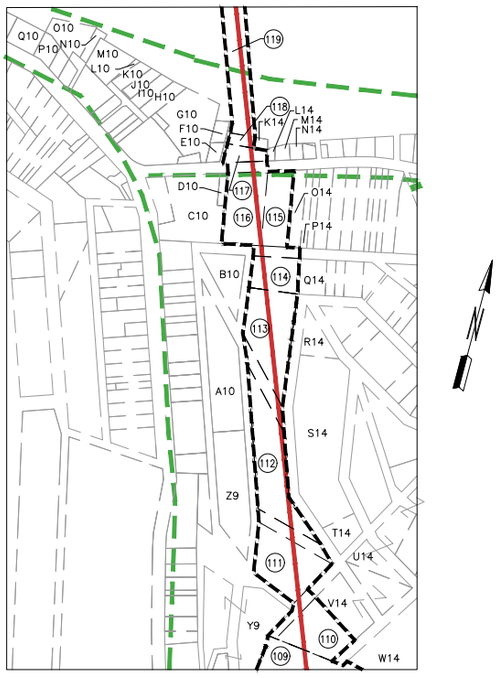
09/18/2026

REVISIONS:	COMPANY: expand		
OPERATOR'S WELL #:	RUTH KELLER MSH 805H	API #: 47-051- 02600	DATE: 06-04-2026
DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	DRAWN BY: N. MANO SCALE: N/A DRAWING NO: WELL LOCATION PLAT 4

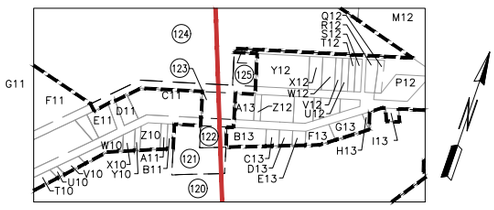
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THURSDAY JUNE 04 2026 11:46AM

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

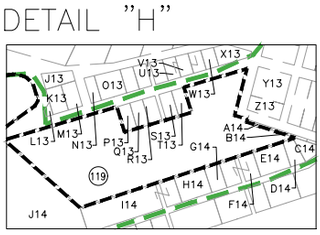
DETAIL "F"

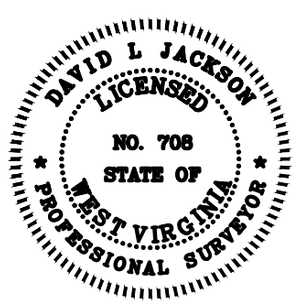


DETAIL "G"



DETAIL "H"





David L Jackson

09/18/2026

REVISIONS:	COMPANY: eXpand			
	OPERATOR'S WELL #:	RUTH KELLER MSH 805H	API #: 47-051- 02600	DATE: 06-04-2026
				DRAWN BY: N. MANO
	DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	SCALE: N/A
				DRAWING NO: WELL LOCATION PLAT 5

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\805H\FINAL\RUTH KELLER 805H 6-04-26\RUTH KELLER MSH 805H 6-04-26.DWG
THURSDAY JUNE 04 2026 11:50AM

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	KELLER BRIAN J & COOK DAVID J & ALICE M ET AL (S/R)	13-6-50
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	YOUNG CAROL L (S)	13-7-51
3	YOUNG CAROL L (S)	13-7-50
4	ALLEN RICHARD C ET UX (S)	13-7-52
5	JACKSON MICHELE D & DAVID L (S)	13-7-54
6	TUSKEY SHELLEY L & ROBERT K (S)	13-7-40
7	CALDWELL JANICE ANN EST - LIFE (S)	13-7-38
8	CALDWELL JANICE ANN EST - LIFE (S)	13-7-37
9	BRAUTIGAN FAMILY IRREVOCABLE TRUST (S)	13-7-3
10	LEMMON CHAD MICHAEL & MICHELLE M BRAUTIGAN (S)	13-7-2.2
11	SIMONS KAREN J - TOD (S)	13-7-2
12	ERAZMUS JOHN T III (S)	13-7-1.6
13	ERAZMUS JOHN T III (S)	13-7-1
14	O'BRIGHT CHARLES B (S)	13-4-49
15	O'BRIGHT CHARLES B (S)	13-4-50
16	TARR LORI J & JOHN D WHORTON (S)	13-4-53.4
17	ACKERMAN DEBORAH K (S)	13-4-53.5
18	TARR LORI J & JOHN D WHORTON (S)	13-4-53.1
19	DONDA JEFFREY J (S)	13-4-53
20	HODGEKISS MAURICE J - LIFE (S)	13-4-53.3
21	HODGEKISS MAURICE J - LIFE (S)	13-4-53.7
22	KEEDY KATHLEEN L (S)	13-4-59.9
23	HARTLE JAMES G & MELISSA C (S)	13-4-59.11
24	BRATTON DOUGLAS A & RENA M (S)	13-4-59.12
25	POLING AARON M & ANDREA C (S)	13-4-59.7
26	RICHARDS LORI A (S)	13-4-59.6
27	BLANKENSHIP CONRAD C JR ET UX - TOD (S)	13-4-59
28	YAHN EDMUND J JR ET UX (S)	13-4B-8
29	YAHN EDMUND J JR ET UX (S)	13-4B-7
30	YAHN EDMUND J JR ET UX (S)	13-4B-6
31	BERISFORD RHEA & JERRY - TOD (S)	13-4B-14
32	BERISFORD RHEA & JERRY - TOD (S)	13-4B-13.1
33	BERISFORD RHEA & JERRY - TOD (S)	13-4B-13
34	STIDD FAMILY TRUST (S)	13-4-59.10
35	STIDD FAMILY TRUST (S)	13-4-59.3
36	SCHULTZ JANET S ET VIR (S)	13-4-1
37	RAMSEY ROBERT W SR ET UX (S)	13-4E-11
38	SCHMITT STEPHEN P ET UX (S)	13-4E-9
39	STIPETICH JONATHAN M (S)	13-4E-7
40	STIPETICH JONATHAN M (S)	13-4E-6
41	STIPETICH JONATHAN M (S)	13-4E-5
42	MT OLIVET COM ASS'N (S)	13-4E-4
43	TAYLOR GARY W ET UX (S)	13-4E-3
44	TAYLOR GARY W ET UX (S)	13-4E-2
45	ALBERT JAMES RONALD ET UX (S)	13-4E-1
46	STEELE RONALD J ET UX (S)	13-5-19
47	APOSTOLON ANDREA E (S)	13-1-84
48	OHIO COUNTY COAL RESOURCES INC (S)	13-1-83
49	ALTMAN DOROTHY ANN EST (S)	13-1-80.1
50	REDD JON D & BREIANNE V (S)	13-1-79
51	HODGES JOSEPH H REV (S)	13-1-79.2
52	HODGES JOSEPH H REV (S)	13-1-79.3
53	HALL DAVID LEE ET UX (S)	13-1G-4
54	LAWHEAD KIMBER L ET UX (S)	13-1G-3
55	NICHOLS MARY ROSE & ROBERT P (S)	13-1G-21
56	FOX DOUGLAS H (S)	13-1G-39
57	RODKIN CAROLE (S)	13-1G-40
58	BURLITCH FRANCES ET AL (S)	13-1-33.1
59	ACQUISITION LLC (S)	13-1-33
60	BURLITCH FRANCES ET AL (S)	13-1F-30
61	YATES RUSSELL (S)	13-1F-31
62	BURSKEY JOSEPH JR (S)	13-1F-32
63	BURSKEY JOSEPH JR (S)	13-1F-33
64	BURSKEY JOSEPH JR (S)	13-1F-34
65	LOEW ALEESHA (S)	13-1F-35
66	ALVENDIA EDUARDO L & RACHEL G (S)	13-1F-36
67	ALVENDIA EDUARDO L & RACHEL G (S)	13-1F-37

TRACT	SURFACE OWNER (S)	TAX PARCEL
68	MCCLEARN ELLIOTT E JR ET UX (S)	13-1F-38
69	HAUGHT REBECCA A (S)	13-1F-39
70	CROWELL RYAN & AMBER LAWHORNE (S)	13-1F-15
71	MCLENDON DAWNELL LESCH (S)	13-1F-15.1
72	OLIVER MICHAEL C ET UX (S)	13-1E-47
73	COOLEY DONALD J (S)	13-1E-48
74	ELSWICK CAITLYN FRANCES & CHRYSSA ANN (S)	13-1E-49
75	MARCELLUS KIMBERLY (S)	13-1E-50
76	HORNER JOHN & ALLYSON KNIPPLE (S)	13-1E-51
77	KENT WILLIAM R ET UX (S)	13-1E-52
78	KING JACOB S (S)	13-1E-22
79	BAKER GENE RAY (S)	13-1E-21
80	JENKINS MARLA (S)	13-1E-20
81	VARGO LINETTE M (S)	13-1E-19
82	KOCIBAN LORA LEE - RIGHT TO OCCUPY (S)	13-1E-18
83	PROSTINAK NANCY LEE WHITE ET AL (S)	13-1E-17
84	KLEIN JOHN E (S)	13-1E-11
85	RICH INVESTMENTS GROUP LLC (S)	05-RE2-22
86	CHARLEY JILL HINES - TOD (S)	05-RE2-18
87	NOT ASSESSED- SNEDEKER FARMS (65.23 AC) (S)	
88	BURNS RONALD W & JOHN-BURNS SUSAN M (S)	05-RE2-30.1
89	GRALL RONALD EARL JR & K F (S)	05-RE2-5
90	GRALL RONALD EARL JR & K F (S)	05-RE2-3
91	GRALL RONALD EARL JR & K F (S)	05-RE2-3.1
92	HOLT WILLIAM J & PHYLLIS J-TOD (S)	05-RE2B-19
93	HOLT WILLIAM J & PHYLLIS J-TOD (S)	05-RE2B-18
94	HOLT WILLIAM J & PHYLLIS J-TOD (S)	05-RE2B-16
95	HOLT WILLIAM J & PHYLLIS J-TOD (S)	05-RE2B-16.1
96	HOLT WILLIAM J & PHYLLIS J-TOD (S)	05-RE2B-15
97	MCPHERSON JOSEPH G AND TONYA (S)	05-RE2B-11
98	MCPHERSON JOSEPH G (S)	05-RE2B-10
99	MCPHERSON JOSEPH G (S)	05-RE2B-9
100	STEIN PAULA A (S)	05-RE2B-8
101	HORBATAK MICHELLE (S)	05-RE2B-7
102	CAREY BETH ANN &RUSH MARY CATHARINE (S)	05-RE1P-113
103	CAREY BETH ANN &RUSH MARY CATHARINE (S)	05-RE1P-112
104	KARTANOWICZ EDNA M (S)	05-RE1P-111
105	LEMLEY LARRY D (S)	05-RE2-32
106	KARTANOWICZ EDNA MAE (S)	05-RE2-32.3
107	HANSON JESSE ALLEN (S)	05-RE1P-61.2
108	HANSON JESSE ALLEN (S)	05-RE1P-61.1
109	KARTANOWICZ EDNA MAE (S)	05-RE1P-60
110	COSTAIN I DOUGLAS & C M (S)	05-RE1P-52
111	ALTMAN WILLIAM E & D A (S)	05-RE1P-51
112	ALTMAN WILLIAM E (S)	05-RE1P-48
113	ALTMAN WILLIAM E & D A (S)	05-RE1K-145
114	H3 LLC (S)	05-RE1K-144
115	CONTI GARY WAYNE &SHARON L CONTI - TOD (S)	05-RE1K-119
116	OCONNELL YVONNE M (S)	05-RE1K-121
117	BONACCI BRIAN F (S)	05-RE1K-30
118	KOZUSNIK GEORGE T (S)	05-RE1K-31
119	WV DEPARTMENT OF TRANSPORTATION (S)	US Rt 470
120	SMITH RANDALL E (S)	01-RB1-2.3
121	RICE TERRANCE L & LORRAINE M RICE - TOD (S)	10-W73-136
122	RICE TERRANCE L & LORRAINE M RICE - TOD (S)	10-W73-135
123	VUCELICK SUMER & SZAFRAN CHANCE (S)	10-W66-150
124	DOBBS JULIE A AND DANIEL L (S)	10-W66-156
125	VOIGHT HENRY A; VOIGHT CONSTANTINE A (S)	10-W66-131
126	SBA PROPERTIES INC ATTN TAX DEPT - WV07503 (S)	10-W66-177
127	GATES GEO E JR C/O DILLON BRANDON (S)	10-W66-175
128	WHEELING NEWSPAPERS INC (S)	10-W59-482

09/18/2026

REVISIONS:

COMPANY: eXpand

OPERATOR'S WELL #:	RUTH KELLER MSH 805H	API #: 47-051- 02600	DATE: 06-04-2026
DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO: WELL LOCATION PLAT 6

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\805H\FINAL\RUTH KELLER 805H 6-04-26\RUTH KELLER MSH 805H 6-04-26.DWG
THURSDAY JUNE 04 2026 11:50AM

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	KELLER WILLIAM J - TOD	13-6-50.2
B	BURKE ANDREA M & JAMES D	13-6-50.6
C	COOK DAVID J & ALICE - TOD	13-6-50.8
D	COOK STEVEN M & SHANNON R	13-6-50.3
E	COOK SUZANNE	13-6-50.4
F	DEFIBAUGH RONALD L	13-11-27.8
G	DEFIBAUGH RONALD L	13-11-27.1
H	LIPINSKI ERIC R & LORIE A	13-6-51
I	HAUGHT GEORGE ET UX	13-6-50.1
J	HAUGHT GEORGE ET UX	13-6-51.1
K	LONGWELL FRANK J & LORI A	13-6-49
L	O'NEAL CYNTHIA	13-6-45
M	HULL GAYLERD F & SHARON	13-6-23.11
N	CALDWELL CHRISTIAN A	13-7-1.1
O	KELLER BRIAN J & JANET	13-6-50.5
P	HECKMAN FLORA BELLE - TOD	13-7C-18
Q	VANNEST ALEX M & HOWARD ALLIE R	13-7C-17
R	GAMBLE CYNTHIA M	13-7C-10
S	HARBISON WALTER L	13-7C-9
T	HARBISON WALTER L EST	13-7C-8
U	RENZELLA PATRICIA R	13-7C-7
V	DEL RE MARVIN E ET UX	13-7C-6
W	GUMP MARTIN L	13-7C-5
X	PEACE NATHANIEL O & ELAINE M	13-7C-4
Y	PEACE NATHANIEL O & ELAINE M	13-7C-3
Z	NOVICK RYAN J & ALEXANDRA P	13-7C-2
A2	ELSON LINDA S & SAMUEL F	13-7C-1
B2	SEACHRIST MARGARET TURNER - TOD	13-7-44
C2	SEACHRIST MARGARET TURNER -TOD	13-7-45
D2	STAMPER LARRY J & PAULA JO - TOD	13-7-47
E2	FREELAND BYRON C & KATHRYN A - TOD	13-7-53
F2	SANTONAS JORDAN C & CLAIRE	13-7-49
G2	LEMMON CHRISTOPHER D & STACIE	13-7-46
H2	DUFFIELD CORY L & YVETTE C	13-7-42
I2	DUFFIELD CORY L & YVETTE C	13-7-48
J2	RIGBY RALPH V ET UX	13-7-40.2
K2	SMITH MARK S ET UX	13-7-40.1
L2	BONENBERGER J KEITH ET UX	13-7C-11
M2	HAUGHT CLIFTON R ET UX	13-7C-12
N2	GAMBLE AMY JEAN	13-7C-23
O2	GAMBLE REBECCA C EST	13-7C-22
P2	SCHERICH LEIGH ANN	13-7-1.4
Q2	HILL SANDRA K	13-7B-31
R2	COLE JEFFREY M	13-7B-30
S2	SARCOPSKI JOHN C & KAYLA	13-7B-29
T2	YOCUM TWILA E	13-7B-28
U2	J & N PARRIOTT LLC	13-7B-27
V2	FITZPATRICK SEAN M ET AL	13-7B-26
W2	FITZPATRICK SEAN M ET AL	13-7B-25
X2	FORD MATTHEW KYLE	13-7B-24
Y2	FORD MATTHEW KYLE	13-7B-23
Z2	VANDYNE JEFFREY WAYNE JR	13-7B-40
A3	DAILEY LORETTA D	13-7B-41
B3	AMRHEIN PAUL F II & PHYLLIS - TOD	13-7-39
C3	LEMMON CHAD M & MICHELLE B	13-7-2.3
D3	SIMONS KAREN J - TOD	13-7-2.1
E3	CONNER MICHAEL & CHASSITY	13-7B-65
F3	ERAZMUS JOHN T III	13-7-1.7
G3	ACKERMAN DEBORAH K	13-4-51
H3	SIMONS TONI L & WILLIAM S	13-4-52
I3	WARBLE STEVEN M SR	13-4-54.1
J3	O'BRIGHT CHARLES	13-4-53.6
K3	WARBLE STEVEN M SR	13-4-54
L3	WARBLE STEVEN M	13-4-55
M3	WARBLE STEVEN M	13-4-56
N3	WARBLE TRANSMISSION LLC	13-4-57
O3	WARBLE STEVEN M SR	13-4-57.1
P3	WARBLE STEVEN M SR	13-4-59.1

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
Q3	WARBLE STEVEN M	13-4-58
R3	KUBANCIK SUZANNE M	13-5-22
S3	KEEDY KATHLEEN L	13-4-59.14
T3	BERNER MICHAEL A & CASSANDRA R	13-4-59.13
U3	MCLAUGHLIN DAVID & LAURA	13-4-59.16
V3	JUDITH A STIDD AS TRUSTEE OF STIDD FAMILY TRUST	P-O 13-4-59.13
W3	STIDD FAMILY TRUST	13-4-59.5
X3	ILOVAR DOUGLAS P & MICHELLE E	13-4-59.15
Y3	POLING AARON M & ANDREA C	13-4-59.8
Z3	RICHARDS LORI A	13-4-59.4
A4	POLING AARON	P-O 13-4-59.5
B4	ANDERSON SHARON L & NATHAN R EGGLESTON	13-4B-16
C4	SPIELVOGEL JO ANN	13-4B-15
D4	BERISFORD JERRY & RHEA - TOD	13-4B-12
E4	ROSE CAROL	13-4B-11
F4	KINNICK FAMILY TRUST	13-4B-10
G4	KINNICK FAMILY TRUST	13-4B-9
H4	HARKLESS DONALD B	13-4B-1
I4	HARKLESS DONALD B	13-4B-2
J4	TAYLOR JANE LYNN	13-4B-3
K4	TAYLOR JANE LYNN	13-4B-4
L4	UHLLY MICHAEL L ET UX	13-4B-5
M4	UHLLY MICHAEL L ET UX	13-4B-6.1
N4	SHUTLER ROBERT J & ANTOINETTE	13-5-21
O4	PARSONS DONNA KAY	13-5-20
P4	SCHAEFER DONALD W ET UX	13-5C-17
Q4	ALTMEYER DAWN M	13-5C-16
R4	ALTMEYER DAWN M	13-5C-21
S4	GILMORE JUSTIN A & MELINDA R	13-5C-15
T4	QUINN JOANNE - TOD	13-5C-14
U4	WOJCICKI SANDRA LEE EST	13-5C-13
V4	SHEPPARD PAUL	13-5C-12
W4	STEELE RONALD JAY & JOANNE ELLEN	13-5C-11
X4	GRIFFITH RAEGYN C	13-5C-18
Y4	MERINAR MILLIE JO	13-5C-20
Z4	SHUTLER ROBERT J III & ANTIONETTE	13-5-15.1
A5	OHIO COUNTY COAL RESOURCES INC	13-5-14.1
B5	MARSHALL CO SEWERAGE DIST	13-1J-51
C5	HELMAN TAMMY	13-1J-13
D5	GOODWIN DAVID E & CHRISTINE V TRAVIS	13-1J-12
E5	PETTIT STEPHEN K & ELIZABETH A	13-1-78
F5	MARSH ROBERT A - LIFE	13-1-79.1
G5	MARSH ROBERT A - LIFE	13-1G-12
H5	YUNCKE JAMES - TOD	13-1G-11
I5	WESOLOWSKI JOHN J ET UX	13-1G-10
J5	YUNCKE THOMAS J ET UX	13-1G-9
K5	YUNCKE MARK & JOLIE	13-1G-8
L5	FONNER JAMES R & CHERYL L	13-1G-7
M5	PEGG JAMES TODD	13-1G-6
N5	VAN SCYOC CLIFFORD F & DENISE	13-1G-5
O5	GESSLER THOMAS L & KATHLEEN A	13-1G-18
P5	VISNICK GLORIA L	13-1G-19.1
Q5	DIDRIKSEN ELIZABETH HAZELWOOD	13-1G-20
R5	EBBERT COREY M & STEPHANIE N	13-1G-20.2
S5	FOX DOUGLAS H & ROBIN L	13-1G-20.1
T5	POCKL RICHARD J & LYNN E	13-1G-19.13
U5	HERCHUCK SHARON L	13-1G-19.12
V5	HERCHUCK SHARON L	13-1G-19
W5	MARSH EDWARD C & MARGARET V	13-1-34
X5	OHIO COUNTY COAL RESOURCES INC	13-1-34.1
Y5	BURLITCH FRANCES ET AL	13-1-34.2
Z5	OHIO COUNTY COAL RESOURCES INC	13-1F-30.2
A6	OHIO COUNTY COAL RESOURCES INC	13-1-14.1
B6	OHIO COUNTY COAL RESOURCES INC	13-1-14.2
C6	THOMAS BRIAN L & ROBIN MURPHY	13-1F-29
D6	BURLITCH DONALD L ET UX	13-1F-30.1
E6	SUTTON LANCE H ET UX	13-1F-28
F6	TALKOWSKI ALEX	13-1F-27
G6	GILES ROBERT W & CAROL SUE - TOD	13-1F-26
H6	PAYNE BRYAN A ET UX	13-1F-25

*Highlighted Parcels may be impacted during drilled.

09/18/2026

REVISIONS:	COMPANY: expand			
	OPERATOR'S WELL #: RUTH KELLER MSH 805H		API #: 47-051- 02600	DATE: 06-04-2026
	DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	DRAWN BY: N. MANO
				SCALE: N/A
				DRAWING NO: WELL LOCATION PLAT 7

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\805H\FINAL\RUTH KELLER 805H 6-04-26\RUTH KELLER MSH 805H 6-04-26.DWG
THURSDAY JUNE 04 2026 11:51AM

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
I6	MIKLAS MATTHEW F & RHONDA	13-1F-25.1
J6	DUNN ROBERT CURTIS ET UX	13-1F-24
K6	GLENZ BRIAN J	13-1F-23
L6	COPPA ANDREA N	13-1F-22
M6	GRIFFITH KODY T & ANDREA N	13-1F-22.1
N6	GREEN MARTHA J	13-1F-16
O6	CALLEJAS MAURICIO NAVA	13-1F-17
P6	PARKER CRAIG W	13-1F-18
Q6	MILLER IRENE D EST	13-1E-64
R6	BERRY JOHN F III	13-1E-53
S6	LARUE WILLIAM R & LAURA L	13-1E-54
T6	SANER JILL MARIE	13-1E-55
U6	EBERHART JOHN J & KAYLA D RICKRODE-EBERHART	13-1E-56
V6	EBERHART JOHN J & KAYLA D	13-1E-57
W6	LOY CHARLES G JR ET UX	13-1E-60
X6	KOCIBAN LORA LEE - RIGHT TO OCCUPY	13-1E-16
Y6	MOSKAL RONALD	13-1E-13
Z6	WRIGHT MICHELLE L	13-1E-12
A7	MCDANIEL CHARLES P & JENNIFER L	13-1E-10
B7	HICKS DONNA LU	05-RE2-20
C7	HICKS DONNA LU	05-RE2-20.1
D7	PELLEY VICTORIA S	05-RE2-19
E7	TOMLINSON JANET A & RALPH W	05-RE2-17
F7	TOMLINSON JANET A & RALPH W	05-RE2-16
G7	BLAZIER WILLIAM F	05-RE2-15
H7	BLAZIER WILLIAM F - TOD	05-RE2-14
I7	BLAZIER WILLIAM F -TOD	05-RE2-21
J7	BLAZIER JAMES A & LISA	05-RE2-29
K7	BRYAN CASEY L & OLIVER JACQUELINE S	13-1E-6.1
L7	BRYAN CASEY L & OLIVER JACQUELINE S	13-1E-6
M7	BRYAN CASEY L & JACQUELINE S	13-1E-6.2
N7	LUTZ SARA M & BRIAN C	05-RE2-24.1
O7	HICKS DONNA LU	05-RE2-24
P7	INTERRANTE CHRISTOPHER ROSS	05-RE2-25
Q7	VARNER JULIE	05-RE2-26
R7	SHEPHERD MELISSA B	05-RE2-27.1
S7	SHEPHERD MELISSA B	05-RE2-27
T7	YENSEN CARL E & HELEN V - TOD	05-RE2-28
U7	THOMPSON RICKI JO	05-RE2F-112.2
V7	DOWLER WYLIE K & LINDA A - TOD	05-RE2F-112
W7	MIRICH PETER P	05-RE2F-112.1
X7	BRUNO DALE R & DIANE L	05-RE2F-109.1
Y7	MACNEALY KAREN & DIANE LYNN BRUNO	05-RE2F-109.4
Z7	EISENHAUER BARBARA F - TOD	05-RE2F-109
A8	COLLINS ASHLEY	05-RE2F-109.2
B8	BEAVER JEREMIAH E & COURTNEY N	05-RE2F-108
C8	PELUCHETTE AMBER J & SHELDON CLAYTON R	05-RE2F-107
D8	PELUCHETTE AMBER & SHELDON CLAYTON R	05-RE2F-106
E8	BEAVER WILLIAM E	05-RE2F-105
F8	BEAVER WILLIAM E	05-RE2F-104
G8	BEAVER WILLIAM E	05-RE2F-103
H8	PARSONS CHRISTOPHER	05-RE2F-102
I8	PARSONS CHRISTOPHER	05-RE2F-101
J8	PARSONS CHRISTOPHER	05-RE2F-78
K7	BEAVER EDWARD	05-RE2F-99
L7	LITTLE WILLIAM R; ET AL	05-RE2F-98
M8	BEAVER EDWARD L	05-RE2F-90
N8	BEAVER EDWARD L	05-RE2F-89
O8	DAYTON WILLIAM R (LE); BENNETT CHYANNE & JEREMY	05-RE2F-88
P8	PELUCHETTE AMBER & CLAYTON R SHELDON	05-RE2F-87
Q8	SHELDON LILA J - TOD	05-RE2F-86
R8	SHELDON LILA J - TOD	05-RE2F-85
S8	SHELDON LILA J - TOD	05-RE2F-84
T8	SHELDON LILA J - TOD	05-RE2F-62
U8	SHELDON LILA J - TOD	05-RE2F-81
V8	SHELDON LILA J - TOD	05-RE2F-77
W8	SHELDON LILA J - TOD	05-RE2F-76
X8	MITCHAM JACK	05-RE2F-75
Y8	MCFADDEN TAMMY L ET AL	05-RE2F-72
Z8	MCFADDEN TAMMY L ET AL	05-RE2F-71

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A9	MCFADDEN TAMMY L ET AL	05-RE2F-71.1
B9	PELUCHETTE AMBER; SHELDON CLAYTON R	05-RE2F-69
C9	RICHARDSON MYRAN Q	05-RE2-7
D9	CHAMPION KAREN K	05-RE2-6
E9	HOLT WILLIAM J & PHYLLIS J-TOD	05-RE2B-3
F9	HOLT WILLIAM J & PHYLLIS J-TOD	05-RE2B-4.2
G9	HOLT WILLIAM J & PHYLLIS J-TOD	05-RE2B-4.1
H9	HOLT WILLIAM J & PHYLLIS J-TOD	05-RE2B-5
I9	WOODS MARSHA & WOODS TINA	05-RE2-32.2
J9	MCPHERSON JOSEPH G & TONYA	05-RE2-32.1
K9	STEIN PAULA A	05-RE2B-4
L9	WEST MARIE ELAINA	05-RE1P-110
M9	DAVIDSON BERNARD G JR & DAWN N	05-RE1P-109
N9	RADDISH JOSHUA R	05-RE2-1
O9	MOORE JAMES F SR & M M	05-RE1P-108
P9	GEBHARD JASON	05-RE1P-107
Q9	GEBHARD JASON	05-RE1P-106
R9	MCCARDLE MICAH S	05-RE1P-105
S9	HANSON JESSE ALLEN	05-RE1P-61
T9	WALLACE BRIAN K	05-RE1P-104
U9	PETROCK SCOTT A & CIERA N	05-RE1P-101
V9	PETROCK SCOTT A & CIERA N	05-RE1P-114
W9	LAUGHLIN JANE ELLEN	05-RE1P-100
X9	ULLOM DAVID A & C S	05-RE1P-98
Y9	ALTMAN WILLIAM E & D A	05-RE1P-53
Z9	ALTMAN WILLIAM E & D A	05-RE1P-47
A10	ALTMAN WILLIAM E & D A	05-RE1K-142
B10	ALTMAN WILLIAM E & D A	05-RE1K-143
C10	VALLEY BOULEVARD PROPERTIES LLC	05-RE1K-123.1
D10	MINZLER ANITA L	05-RE1K-122
E10	BEALL LISA M; WERNER ERIC J	05-RE1K-29
F10	EDGELL JASON R	05-RE1K-28
G10	HOPE UNITED METHODIST CHURCH TRUSTEES	05-RE1K-24.2
H10	COLLINS MELLONIEE L	10-W73-171
I10	PLATT WILLIAM H & TRACEY L	10-W73-170
J10	CONTI HERMAN E JR & R	10-W73-169
K10	CORBETT SRINAMA	10-W73-168
L10	CORBETT SRINAMA	10-W73-168.1
M10	SMALL LAND HOLDINGS CO OF WV LLC	10-W73-167
N10	BRAUN PAUL R (LE); TAMMY COFFIELD	10-W73-182
O10	LETZELTER JOSEPH E	10-W73-167.1
P10	HLAD INC	10-W73-182.1
Q10	HLAD DOUGLAS M	10-W73-187
R10	MIKLAS GERALD M & J A	10-W73-150
S10	SHELLER DONALD L JR; SHELLER BILYNDA M	10-W73-146
T10	SHELLER DONALD L JR; SHELLER BILYNDA M	10-W73-145
U10	SHELLER DONALD L JR; SHELLER BILYNDA M	10-W73-144
V10	SHELLER DONALD L JR	10-W73-143
W10	ROGERSON WILLIAM L - TOD	10-W73-142
X10	TLT PROPERTIES LLC	10-W73-141
Y10	SNYDER ANTHONY W & COLLEEN G FRAZIER	10-W73-140
Z10	OTTO ROBERT	10-W73-139
A11	OTTO ROBERT	10-W73-138
B11	RICE TERRANCE L & LORRAINE M RICE - TOD	10-W73-137
C11	SMALL LAND HOLDING CO OF WV	10-W73-132
D11	DOBBS JULIE; DOBBS DANIEL	10-W73-131
E11	RICE LORRAINE M & TERRANCE L RICE - TOD	10-W73-130
F11	CARNEY WM A SR & JAMES W JR C/O STENBER MARGARET	10-W66-178
G11	BARRY MATTHEW S & VICKI S	10-W65-507
H11	BARRY CATHERINE M, ET AL	10-W65-508
I11	WHITE TED A	10-W65-509
J11	WHITE TED A	10-W65-510
K11	HENRY ROBBIE LINN & JENNIFER LYNN - TOD	10-W65-511
L11	FLADING STEVEN & KELSEY	10-W65-512
M11	LEVEL UP LLC	10-W65-513
N11	REYNOLDS CHARLES D	10-W65-515
O11	FRAGALE JILL A	10-W66-12
P11	VEMURI HOME & GARDEN LLC	10-W66-11
Q11	ADMINISTRATOR SMALL BUS ADMINS	10-W66-8
R11	DKADS II LLC	10-W66-7

*Highlighted Parcels may be impacted during drilled.

09/18/2026

REVISIONS:	COMPANY: expand			
	OPERATOR'S WELL #:	RUTH KELLER MSH 805H	API #: 47-051- 02600	DATE: 06-04-2026
				DRAWN BY: N. MANO
	DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	SCALE: N/A
				DRAWING NO: WELL LOCATION PLAT 8

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\805H\FINAL\RUTH KELLER 805H 6-04-26\RUTH KELLER MSH 805H 6-04-26.DWG
THURSDAY JUNE 04 2026 11:51AM

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
S11	DKADS II LLC	10-W66-5
T11	DKADS II LLC	10-W66-4
U11	CITY OF WHEELING	10-W66-3
V11	WHEELING MUNICIPAL BUILDING COMMISSION	10-W59-432.1
W11	WHEELING MUNICIPAL BUILDING COMMISSION	10-W59-462
X11	WHEELING MUNICIPAL BUILDING COMMISSION	10-W59-461
Y11	HEDRICK SCOTT A; HEDRICK ROBERT L	10-W59-481
Z11	SCHROEDER MARY C & R J	10-W59-481.1
A12	WHEELING MUNICIPAL BUILDING COMMISSION	10-W59-457
B12	WHEELING MUNICIPAL BUILDING COMMISSION	10-W59-456
C12	WHEELING MUNICIPAL BUILDING COMMISSION	10-W59-431
D12	STEEL WORKS SERVICE CORP C/O FIRST CHOICE AMERICA FCU	10-W59-420
E12	WHEELING NEWSPAPERS INC	10-W59-482.1
F12	CITY OF WHEELING	10-W59-483
G12	CITY OF WHEELING	10-W37-65
H12	KELSAM PROPERTIES LLC	10-W59-482.3
I12	EDGE DONALD	10-W67-6
J12	ULLOM DAVID A JR	10-W66-158
K12	BURNS WILLIAM E	10-W66-157
L12	HOLLOWAY WALKER P JR	10-W66-156.1
M12	MCILVAIN WILLIAM S	10-W66-167.1
N12	STALEY WIRELESS LP	10-W66-176
O12	STALEY WIRELESS LP	10-W66-131.2
P12	METZ CHARLES D JR	10-W66-139.1
Q12	CROW TIMOTHY J	10-W66-179
R12	MALARSKI JOSEPH J & MALARSKI DELORES ESTATES	10-W66-139
S12	SMALL LAND HOLDINGS CO OF WV LLC	10-W66-138
T12	CROW TIMOTHY J	10-W66-137
U12	CROW TIMOTHY J	10-W66-136
V12	CONTRAGUERRO JAMES H EST C/O CONTRAGUERRO LINDA M EXRX	10-W66-135
W12	CONTRAGUERRO JAMES H EST C/O CONTRAGUERRO LINDA M EXRX	10-W66-134
X12	CARNEY MELISSA DAWN	10-W66-134.1
Y12	CARNEY MELISSA DAWN	10-W66-132
Z12	HENDRIX ELLEN GIFFEN ET AL	10-W66-147
A13	SMALL LAND HOLDING CO OF WV	10-W66-147.1
B13	RICE TERRANCE L & LORRAINE M RICE - TOD	10-W73-134
C13	SMALL LAND HOLDING CO OF WV	10-W73-133
D13	HUNTER ALVIN O	10-W66-151
E13	SMALL LAND HOLDING CO OF WV	10-W66-152
F13	TAYLOR LOGAN W & JANE R HALL	10-W66-153
G13	HALL WILLIAM F JR & DONNA D	10-W66-154
H13	WHITE DONNA K	10-W66-155
I13	SMALL LAND HOLDINGS CO	10-W66-155.1
J13	SHAY STEVEN A & SUSAN D	01-RB1J-34
K13	MCNINCH EDWARD F& LOIS G	01-RB1J-35
L13	HUNTER ALVIN O S/S 1979	01-RB1J-35.1
M13	NAMACK LESTER L & DEBRA L	01-RB1J-36
N13	LONG CHAD R & JILL	01-RB1J-33
O13	LONG ERIC PATRICK	01-RB1J-32
P13	HALL DARLENE K-SELLER; ARMSTRONG P S-BUYER	01-RB1J-37
Q13	HALL DARLENE K	01-RB1J-38
R13	GONOGLA AMBER PIKO & JASON L WENSEL	01-RB1J-39
S13	GONOGLA AMBER PIKO & JASON L WENSEL	01-RB1J-40
T13	GONOGLA AMBER PIKO & JASON L WENSEL	01-RB1J-41
U13	FORDYCE SAMANTHA	01-RB1J-28
V13	FORDYCE SAMANTHA	01-RB1J-27
W13	GUTSHALL DONALD AND LISA	01-RB1J-25.1
X13	GUTSHALL DONALD AND LISA	01-RB1J-25
Y13	SIKOLE VINCENT A AND BETH A	01-RB1J-42.1
Z13	SIKOLE VINCENT A & BETH A	01-RB1J-42
A14	BOARD OF COMM OHIO CO	01-RB1J-86
B14	BOARD OF COMM OHIO CO	01-RB1J-87
C14	WARD B G & K L	01-RB1J-67
D14	STACHURA MICHAEL J	01-RB1J-67.1
E14	GUMP THOMAS E JR	01-RB1J-68
F14	MICHAEL CHRIST FAMILY TRUST	01-RB1J-70
G14	GUMP THOMAS E JR	01-RB1J-71
H14	GUMP THOMAS E JR	01-RB1J-72
I14	GUMP THOMAS E JR	01-RB1J-74
J14	SMITH RANDALL E	01-RB1-2.4

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
K14	EYESORE PROPERTIES LLC	05-RE1K-34.1
L14	SMALL LAND HOLDINGS CO LLC	05-RE1K-39.1
M14	SMALL LAND HOLDINGS CO LLC	05-RE1K-39
N14	CDC PROPERTIES LLC	05-RE1K-45
O14	BRADFORD LEO R SR & M M	05-RE1K-118
P14	BRADFORD LEO R SR & M M	05-RE1K-117
Q14	ALTMAN WILLIAM E & D A	05-RE1K-146
R14	ALTMAN WILLIAM E & D L	05-RE1K-169
S14	ALTMAN WILLIAM E & D A	05-RE1K-170
T14	ALTMAN WILLIAM E & D A	05-RE1P-49
U14	COSTAIN I DOUGLAS & C M	05-RE1R-6
V14	VEMURI HOME & GARDEN	05-RE1R-1
W14	GRECO RICK A & C A A	01-RB2A-12
X14	KHAN NASIR A & SHAISTA N	01-RB2A-11
Y14	WALMSLEY BRUCE G	01-RB2-1.18
Z14	COOK DANIEL P & CRYSTAL D	01-RB2-1.19
A15	BOGGS CAMDEN C & ADELINE R	01-RB2-1.5
B15	HUMES MICHAEL G - TOD	01-RB2-1.3
C15	LINDNER CHARLES PATRICK	05-RE2-5.1
D15	HUMES MICHAEL G - TOD	05-RE2-33
E15	BLAKE MARY	05-RE2-31
F15	STEVEY GEORGE J JR & KIMBERLY	05-RE2-36.1
G15	STEVEY GEORGE JR	05-RE2-36.3
H15	POMPEO JOSEPH D	05-RE2-36.2
I15	CHIDIAC BAKHOS	05-RE2-38
J15	HERCULES TAMMY L	05-RE2-30
K15	ARRUDA JARED ROSS	05-RE2-37
L15	BAKER RAYMOND E	05-RE2-39
M15	MENCER KIMBERLY SUE	05-RE2-41
N15	GRAMLICH KATHLEEN & JOHN W JR	05-RE2-42
O15	MCPHERSON JOSEPH GREGORY	05-RE2-44
P15	SCOTT JOHN M AND PATRICIA ANN	05-RE2-45
Q15	GHAPHERY DAVID A & KIMBERLY	05-RE2-51.2
R15	GHAPHERY DAVID A & KIMBERLY	05-RE2-51.5
S15	HOUCK RICHARD CHARLES & MARISA ANN	13-1E-32
T15	GESSLER FRANK	13-1E-23
U15	PREZKOP ROBERT J ET UX	13-1E-24
V15	GILLIS JEFFREY	13-1E-25
W15	MYERS RONALD J & AIMEE VITALE	13-1E-26
X15	OLIVER MICHAEL C ET UX	13-1E-46
Y15	OLIVER MICHAEL C ET UX	13-1E-45
Z15	NOLAN EDWARD S	13-1E-44
A16	CROWELL RYAN & AMBER LAWHORNE	13-1F-14
B16	MARTIN JAMES D III	13-1F-12.1
C16	MARTIN JAMES D III	13-1F-12
D16	WHITE KATHLEEN M	13-1F-11
E16	WHITE KATHLEEN M	13-1F-10
F16	TURNER STEPHANIE JEAN	13-1F-9
G16	MT OLIVE CEMETARY	13-1-32
H16	CLAUSELL DARRYL ETAL	13-1-33.2
I16	ARRITT SHARON R	13-1-33.3
J16	CHAYKOWSKY JOHN E ET UX	13-1G-43
K16	RAFA GREG L & LAURA E	13-1G-42
L16	MOSES AARON	13-1G-30
M16	MOSES AARON	13-1G-29
N16	PROGER EDITH M - TOD	13-1G-28
O16	MOSES AARON G & GARY JAMES	13-1G-38
P16	MOSES AARON G & GARY JAMES	13-1G-37
Q16	MOSES AARON G & GARY JAMES	13-1G-22.2
R16	MCKITRICK DONALD L & JUDITH E	13-1G-22
S16	EVANS KEVIN W	13-1G-3.1
T16	HODGES JOSEPH H REV	13-1-79.4
U16	SWINT JOHN J THE MOST REV	13-2-46
V16	PERRY JASON T	13-2C-17
W16	BLACKMORE ORVILLE A JR ET UX	13-2B-1
X16	FONNER RUSSELL L	13-2B-47
Y16	KENT BRIAN JOSEPH & JENNIFER SUE KLOSS	13-2B-66
Z16	KENT BRIAN JOSEPH & JENNIFER SUE KLOSS	13-2B-69
A17	BLATTNER MARY ANN	13-2-44.8
B17	MARZEC ANDREW M & JESSICA A	13-2-44.9

*Highlighted Parcels may be impacted during drilled.

09/18/2026

REVISIONS:

COMPANY: eXpand

OPERATOR'S WELL #:	RUTH KELLER MSH 805H	API #: 47-051- 02600	DATE: 06-04-2026
DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	DRAWN BY: N. MANO SCALE: N/A DRAWING NO: WELL LOCATION PLAT 9

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\805H\FINAL\RUTH KELLER 805H 6-04-26\RUTH KELLER MSH 805H 6-04-26.DWG
THURSDAY JUNE 04 2026 11:52AM

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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
C17	MARZEC ANDREW M & JESSICA A	13-2-44.1
D17	BROWN JOSHUA L	13-1-80
E17	ST MYERS ROBERT C & ROSE ANNA - LIFE	13-2-63.5
F17	YEAGER HEIKKI & TRISHA JO	13-2-53
G17	CALLAHAN JANET L	13-1-81
H17	CALLAHAN JANET L	13-1-80.2
I17	CALLAHAN JANET L	13-1-82
J17	HANKET SYDNEY	13-2-54
K17	SOMERVILLE DOUGLAS R & ASHLEY E	13-2-56
L17	EDWARDS TRAVIS	13-1-85.2
M17	EDWARDS TRAVIS	13-1-85.1
N17	DSL PROPERTY LLC; VALLEY SUMMIT PROPERTIES LLC	13-1-85
O17	ZAVOLTA JACQUELINE	13-1-86
P17	GIVENS CARRIE ANN	13-2-57.3
Q17	LAUGHLIN JAMES A JR	13-2-57.1
R17	BOLES CHRISTOPHER D & STACIE L	13-2-58
S17	SCHMITT STEPHEN P ET UX	13-4E-8
T17	KALE CHARLES E & ERIN J	13-2-58.2
U17	SCHMITT STEPHEN P ET UX	13-4E-10
V17	BLACK LISA MARIE	13-2-58.1
W17	PARSONS PAUL H & HELEN R - RIGHT TO OCCUPY	13-2-59
X17	SMITH JOHNNIE L & JOYCE A	13-2-60
Y17	FUSCO EMILIE S	13-2-61
Z17	GOCKSTETTER CHRISTOPHER A & AMY L	13-4-2
A18	SHAW PAMELA J	13-4-1.1
B18	SHAW PAMELA J	13-4-1.2
C18	LESCH MARK L & SUSAN L JOSEPH	13-4-3
D18	SCHULTZ CHARLES L II & JANET	13-4-59.2
E18	LOPEZ PROPERTIES LLC	13-4-4
F18	LOPEZ PROPERTIES LLC	13-4-7
G18	LOPEZ ABIGAIL L	13-4-9.1
H18	LOPEZ ABIGAIL L	13-4-12.1
I18	TOWN & COUNTRY ANIMAL HOSP INC	13-4-8
J18	LOPEZ ABIGAIL L	13-4-12.2
K18	TOWN & COUNTRY ANIMAL HOSP INC	13-4-12
L18	HEWITT MICHAEL T JR & JESSICA I	13-4-13.6
M18	HILL MICHAEL W ET UX	13-4-13.5
N18	GUMP LOUIS M & ROBIN A	13-4-38
O18	HODGEKISS MAURICE J - LIFE	13-4-53.2
P18	HODGEKISS MAURICE J - LIFE	13-4-39.10
Q18	HODGEKISS MAURICE J - LIFE	13-4-39.2
R18	CARROLL NANCY L	13-4-39.3
S18	EVICK BRANDON P	13-4-39.4
T18	KURZ JOAN T	13-4-39.1
U18	HUDSON AARON M & BARBARA ANN	13-4-46
V18	TAYLOR RONALD K JR	13-7-1.3
W18	RINE PATRICK	13-4-45
X18	BRAUTIGAN FAMILY IRREVOCABLE TRUST	13-4-44
Y18	BOARD OF EDUCATION	13-7-17
Z18	ALLEN JOHN I	13-7-3.2
A19	CHURCH JESUS CH LATTER DAY STS	13-7-3.1
B19	CRIM CHRISTOPHER	13-7-8
C19	BRINKLEY MATTHEW N & SHILA M	13-7-6
D19	GARVIN VIRGINIA R	13-7-5
E19	MILLARD SCOTT M	13-7-4.1
F19	HUBBARD BRADLEY DANIEL	13-7-4
G19	BUTCH'S CORNER INC	13-7-9.1
H19	KAHLBAUGH DAVID W & DELORES J - TOD	13-7-37.1
I19	WEBB LOUETTA & JERRY W	13-7-10
J19	GORDER JAMES L & CONNIE L	13-7-11
K19	M E CHURCH	13-7-12
L19	PLEASANT HILL ME CHURCH TR	13-7-13.1
M19	BENWOOD ESTATES LLC	13-7-13
N19	ANTIOCH CEMETERY	13-7A-11
O19	ARCHEY RODD A	13-7A-12
P19	SHILLING KATHY S	13-7A-14
Q19	GAMBLE REBECCA C EST	13-7A-41
R19	RAMSER FAMILY IRREVOCABLE TR - RIGGS MELISSA	13-7A-34
S19	ARCHBOLD JAMES W ET UX	13-7A-33
T19	RAMSER FAMILY IRREVOCABLE TR - RIGGS MELISSA	13-7A-34

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
U19	GAMBLE AMY JEAN	13-7-35
V19	GAMBLE REBECCA EST	13-7-36
W19	GAMBLE REBECCA C EST	13-7-43
X19	VARGO CINDY L ET AL	13-10-3
Y19	MARSHALL LAND LLC	13-10-2
Z19	MOOSMAN MATTHEW G	13-10A-14
A20	WARD DEREK J	13-10A-13
B20	HUNTER WILLIAM D & MARLENE - TOD	13-10A-12
C20	HILL PATRICIA J	13-10A-11
D20	HILL PATRICIA J	13-10A-10
E20	HILL PATRICIA J	13-10A-9
F20	HALL JUSTIN & MADELYN HOPKINS	13-10A-8
G20	HULL GAYLERD E	13-10A-7
H20	BRANNAN BRICIE GREER	13-10A-6
I20	MCCLURE DEVAN & LINDSEY CAIN	13-10A-5
J20	FECAT FAMILY TRUST	13-10A-4
K20	BRAUTIGAN RANDY & KAYLA	13-6-50.7
L20	HENDRICKSON WILMA C	13-10A-2

*Highlighted Parcels may be impacted during drilled.

09/18/2026

REVISIONS:	COMPANY: eXpand			
	OPERATOR'S WELL #:	RUTH KELLER MSH 805H	API #: 47-051- 02600	DATE: 06-04-2026
	DISTRICT: UNION	COUNTY: MARSHALL	STATE: WV	DRAWN BY: N. MANO SCALE: N/A DRAWING NO: WELL LOCATION PLAT 10

Z:\2026 BACKUPS\1-02-26 DJ\EXPAND\RUTH KELLER\RUTH KELLER MSH\WELL PLATS\805H\FINAL\RUTH KELLER 805H 6-04-26\RUTH KELLER MSH 805H 6-04-26.DWG
THURSDAY JUNE 04 2026 11:52AM

WW-6A1
(5/13)

Operator's Well No. RUTH KELLER MSH 805H

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"				

RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

*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.

*Horizontal well unit utilization - Subject to unitization filing with the West Virginia Oil and Gas Conservation Commission.

*Potentially Impacted Parcels - Parcels that may be impacted during drilling.

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: EXPAND OPERATING, LLC
By:
Its: GAVIN NADEAU, SR. STAFF LANDMAN

EXHIBIT "A"
Ruth Keller MSH 80SH
Marshall County, West Virginia

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by Expand Operating, LLC., Operator

#	TMP	LESSOR	LESSEE	ROYALTY	BK/PG	% INTEREST NOT OWNED BY EXPAND APPALACHIA LLC
1	13-6-30	Ruth Ann Keller, married, dealing in her sole and separate interest	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	643/421 33/110 57/407	0.00%
		David J. Cook, married	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	644/547 33/110 57/407	
2	13-7-5.1	Michael D. Young and Carol L. Young, a/k/a Carol Young, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	717/542 33/110 57/407	0.00%
3	13-7-5.0	Michael D. Young and Carol L. Young, a/k/a Carol Young, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	717/542 33/110 57/407	0.00%
4	13-7-5.2	Richard C. Allen and Lorri M. Allen, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	720/353 33/110 57/407	0.00%
5	13-7-5.4	Michele Diane Jackson and David L. Jackson, wife and husband	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1176/736 57/407	0.00%
6	13-7-4.0	Shelley L. Turkey and Robert K. Turkey, husband and wife	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	722/641 33/110 57/407	0.00%
7	13-7-5.0	Charles W. Caldwell, a married man dealing in his sole and separate properties	American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	945/58 44/263 57/407	0.00%
		Richard J. Caldwell, a married man dealing in his sole and separate properties	American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	945/63 44/263 57/407	
		Christian A. Caldwell, a married man dealing in his sole and separate property	American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	945/68 44/263 57/407	
8	13-7-3.7	Charles W. Caldwell, a married man dealing in his sole and separate properties	American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	945/58 44/263 57/407	0.00%
		Richard J. Caldwell, a married man dealing in his sole and separate properties	American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	945/63 44/263 57/407	
		Christian A. Caldwell, a married man dealing in his sole and separate property	American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	945/68 44/263 57/407	
9	13-7-3.1	Richard F. Bruegger and Annie L. Bruegger, acting as Trustee for the Richard F. and Annie L. Bruegger Family Irrevocable Trust, dated December 16, 2004	TH Exploration, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1149/632 51/595 57/407	0.00%
10	13-7-2.2	Chad Michael Lemmon and Michelle M. Lemmon, his wife	American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	949/435 44/263 57/407	0.00%
11	13-7-2	Chad M. Lemmon, POA for Karen J. Simone, widow	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1161/187 57/407	0.00%
12	13-7-1.6	Judith A. Petty and Owen L. Petty, wife and husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	839/149 38/35 57/407	0.00%
		Judith A. Petty and Owen L. Petty, wife and husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	839/149 38/35 57/407	
		Judith A. Petty and Owen L. Petty, wife and husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	839/149 38/35 57/407	
13	13-7-1	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	50.00%
		AMP V, LP	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1274/363	
14	13-4-49	Charles B. O'Bright, widower	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1216/411 57/407	0.00%
15	13-4-50	Charles B. O'Bright, widower	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1161/15 57/407	0.00%
16	13-4-53.4	John D. Wharton and Lori J. Wharton, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1180/155 57/407	0.00%
17	13-4-53.3	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
18	13-4-53.1	John D. Wharton and Lori J. Wharton, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1180/155 57/407	0.00%
19	13-4-53	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	50.00%
		Jeffrey J. Dziuda, single	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1163/334 57/407	
20	13-4-53.2	Maurice J. Hedgelon, a widower	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	963/42 57/407	0.00%
21	13-4-53.7	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	50.00%
		Maurice J. Hedgelon, a widower	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	963/42 57/407	
22	13-4-59.9	Kathleen L. Kordy, a married woman dealing in her sole and separate property	American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1004/164 44/263 57/407	0.00%
23	13-4-59.11	Janet M. Lucien, widow	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1223/434 57/407	0.00%
24	13-4-59.12	Douglas A. Bratton and Rena M. Bratton, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1171/146 57/407	0.00%
25	13-4-59.7	Ronald E. Soult and Lori A. Soult, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1140/354 57/407	0.00%
26	13-4-59.6	Lori A. Richards, divorced	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1161/27 57/407	0.00%
27	13-4-59	Conrad C. Blankenship and Rebecca S. Blankenship, a married couple	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1156/624 57/407	0.00%
28	13-4B-8.1	Edmond J. Yates, Jr. & Cynthia L. Yates, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1271/95	0.00%
29	13-4B-7	Edmond J. Yates, Jr. & Cynthia L. Yates, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1271/95	0.00%
30	13-4B-6	Edmond J. Yates, Jr. & Cynthia L. Yates, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1271/95	0.00%
31	13-4B-14	Jerry Bottenfield and Rina Scuth Bottenfield, his wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1153/514 57/407	0.00%
32	13-4B-13.1	Jerry Bottenfield and Rina Scuth Bottenfield, his wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1153/514 57/407	0.00%
33	13-4B-13	Jerry Bottenfield and Rina Scuth Bottenfield, his wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1153/514 57/407	0.00%
34	13-4-59.10	Benjamin A. Stidd and Judith A. Stidd, Trustee of the Stidd Family Trust, dated November 14, 2017	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1156/313 57/407	0.00%
35	13-4-59.2	Benjamin A. Stidd and Judith A. Stidd, Trustee of the Stidd Family Trust, dated November 14, 2017	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1156/313 57/407	0.00%
36	13-4-1	Janet S. Schultz and Charles L. Schultz, a married couple	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1156/299 57/407	0.00%
37	13-4B-11	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
38	13-4E-8	Stephen P. Schmitt and Tina M. Schmitt, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1267/662	0.00%
39	13-4E-7	Jonathan M. Stipetich, a married man dealing in his sole and separate property	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1241/553 57/407	0.00%
		Brandon L. Stipetich, a single man	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1241/939 57/407	
40	13-4E-6	Jonathan M. Stipetich, a married man dealing in his sole and separate property	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1241/551 57/407	0.00%
		Brandon L. Stipetich, a single man	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1241/939 57/407	
41	13-4E-5	Jonathan M. Stipetich, a married man dealing in his sole and separate property	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1241/553 57/407	0.00%
		Brandon L. Stipetich, a single man	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1241/939 57/407	
42	13-4E-4	Mount Olivet Community Association and Volunteer Fire Department	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1246/67 57/407	0.00%
43	13-4E-3	Gary W. Taylor and Mary P. Taylor, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1234/582 57/407	0.00%
44	13-4E-2	Gary W. Taylor and Mary E. Taylor, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1234/582 57/407	0.00%
45	13-4E-1	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
46	13-3-19	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
47	13-3-18	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
48	13-1-43	TNX Gas Company LLC	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1156/344 57/407	0.00%
49	13-1-40.1	Ridgetop Tax LLC	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1157/568 57/407	0.00%
50	13-1-79	Hal Wesley Lilly, married	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1153/10 57/407	0.00%
		Elizabeth Ann Pitcher, married	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1153/33 57/407	
51	13-1-79.2	The Most Reverend Mark F. Brennan, Bishop of the Roman Catholic Diocese of Wheeling-Charleston, his successors and assigns	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1199/7 57/407	0.00%
52	13-1-79.1	The Most Reverend Mark F. Brennan, Bishop of the Roman Catholic Diocese of Wheeling-Charleston, his successors and assigns	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1199/7 57/407	0.00%
53	13-1D-4	David Lee Hall, individually, and David Lee Hall as Attorney-In-Fact for Sandra Sue Hall, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1246/875	0.00%
54	13-1D-3	Kenton L. Lawhead & Judith K. Lawhead, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1270/63	0.00%
55	13-1D-2.1	Susan P. Hedinger, widow	American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1009/364 44/263 57/407	0.00%
56	13-1D-39	Douglas H. Fox and Robin L. Fox, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1250/634	0.00%
57	13-1D-40	Carole Rodkin, a married woman dealing in her sole and separate property	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1247/247 57/407	0.00%
58	13-1-13.1	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
59	13-1-33	Sharon R. Thomas, f/k/a Sharon R. Artzt, individually, and d/b/a acquiorium LLC	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1167/457 57/407	0.00%
60	13-1F-10	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
61	13-1F-11	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
62	13-1F-12	Joseph Bunkley, Jr., a single man	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1237/310 57/407	0.00%
63	13-1F-33	Joseph Bunkley, Jr., a single man	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1237/310 57/407	0.00%
64	13-1F-34	Joseph Bunkley, Jr., a single man	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1237/310 57/407	0.00%
65	13-1F-35	Almetha Jo Kight, f/k/a Almetha Lowe, a single woman	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1270/99	0.00%
66	13-1F-36	Darmar A. Vagnier, a married man dealing in his sole and separate property, and Nathan T. Vagnier, a married man dealing in his sole and separate property	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1267/106	0.00%
67	13-1F-37	Eduardo L. Alvendia and Rachel O. Alvendia, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1243/598	0.00%
68	13-1F-38	Elliott E. McCleary, Jr. and Paula S. McCleary, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1242/534 57/407	0.00%
69	13-1F-39	Rebecca A. Haught, widow	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1250/306	0.00%
70	13-1F-15	Travis R. Jones	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1242/259 57/407	0.00%
71	13-1F-13.1	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
72	13-1E-47	Michael C. Oliver and Linda C. Oliver, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1265/587 57/407	0.00%
73	13-1E-48	Donald F. Cooley, a single man	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1224/456 57/407	0.00%
74	13-1E-49	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
75	13-1E-50	Patricia A. Wasilewski, a married woman dealing in her sole and separate property	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1251/221	0.00%
		Denise L. Remick, a single woman	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1253/212	
		Rebecca L. Randolph, a married woman dealing in her sole and separate property	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1255/59	
76	13-1E-51	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
77	13-1E-52	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
78	13-1E-53	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
79	13-1E-55	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
80	13-1E-20	Royalty Owners (Subject to Unitization)	N/A	N/A	N/A	100.00%
81	13-1E-19	Linette M. Varga	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1242/228 57/407	0.00%
82	13-1E-18	Lora Lee Kershaw	American Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	970/540 44/263 57/407	0.00%

EXHIBIT "A"
Ruth Keller MSH 8050
Marshall County, West Virginia

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by Expand Operating, LLC., Operator

#	TMP	LESSOR	LESSEE	ROYALTY	BK/PG	% INTEREST NOT OWNED BY EXPAND APPALACHIA LLC
83	13-HE-17	Royalty Owners (Subject to Contractor):	N/A	N/A	1267/226	32.22%
		James C. Yurko, a married man dealing in his sole and separate property	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1251/5	
		Paul L. Yurko, a married man dealing in his sole and separate property	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1251/286	
		Carrie F. Oanis, widower	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1233/276 57/407	
		Tom Jr. Calvert and Brian Calvert, wife and husband	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1233/240 57/407	
84	13-HE-11	John F. Klein	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1234/474 57/407	0.00%
85	05-RP2-22	Gregory R. Gantzer and Mary Rebecca Gantzer, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1063/642 1064/490	0.00%
86	05-RP2-18	Jill Ann Charley, a/k/a Jill Hixon Charley, a widow	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1058/647 1064/490	0.00%
87	13-HE-17	Royalty Owners (Subject to Contractor):	N/A	N/A	1267/226	32.22%
		James C. Yurko, a married man dealing in his sole and separate property	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1251/5	
		Paul L. Yurko, a married man dealing in his sole and separate property	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1251/286	
		Carrie F. Oanis, widower	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1233/276 1064/490	
		Tom Jr. Calvert and Brian Calvert, wife and husband	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1233/240 1064/490	
88	05-RP2-10.1	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	41.67%
		Wheeling Hospital, Inc.	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1072/505 1064/490	
		Roman Catholic Diocese of Wheeling Charleston, Mark E. Brennan, Bishop	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1073/151 1064/490	
		Linda Kay West Rancher	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1074/343 1064/490	
		John Thomas West	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1085/136 1064/490	
		McFarland Lutheran Church	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1085/514 1064/490	
		Charles William West	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1090/759 1064/490	
89	05-RP2-9	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	41.67%
		Wheeling Hospital, Inc.	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1072/505 1064/490	
		Roman Catholic Diocese of Wheeling Charleston, Mark E. Brennan, Bishop	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1073/151 1064/490	
		Linda Kay West Rancher	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1074/343 1064/490	
		John Thomas West	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1085/136 1064/490	
		McFarland Lutheran Church	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1085/514 1064/490	
		Charles William West	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1090/759 1064/490	
90	05-RP2-3	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	41.67%
		Wheeling Hospital, Inc.	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1072/505 1064/490	
		Roman Catholic Diocese of Wheeling Charleston, Mark E. Brennan, Bishop	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1073/151 1064/490	
		Linda Kay West Rancher	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1074/343 1064/490	
		John Thomas West	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1085/136 1064/490	
		McFarland Lutheran Church	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1085/514 1064/490	
		Charles William West	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1090/759 1064/490	
91	05-RP2-3.1	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	41.67%
		Wheeling Hospital, Inc.	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1072/505 1064/490	
		Roman Catholic Diocese of Wheeling Charleston, Mark E. Brennan, Bishop	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1073/151 1064/490	
		Linda Kay West Rancher	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1074/343 1064/490	
		John Thomas West	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1085/136 1064/490	
		McFarland Lutheran Church	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1085/514 1064/490	
		Charles William West	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1090/759 1064/490	
92	05-RP2B-19	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
93	05-RP2B-18	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
94	05-RP2B-16	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
95	05-RP2B-16.1	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
96	05-RP2B-15	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
97	05-RP2B-11	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
98	05-RP2B-10	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
99	05-RP2B-9	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
100	05-RP2B-8	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
101	05-RP2B-7	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
102	05-RP1P-112	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
103	05-RP1P-112	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
104	05-RP1P-111	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
105	05-RP2-32	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
106	05-RP2-32.3	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
107	05-RP1P-41.2	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
108	05-RP1P-41.1	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
109	05-RP1P-60	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
110	05-RP1P-85	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
111	05-RP1P-91	Diane Marie Altman	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1091/393 1064/490	0.00%
		Deborah L. McNeal, married	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1091/381 1064/490	
112	05-RP1P-60	Diane Marie Altman	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1091/393 1064/490	0.00%
		Deborah L. McNeal, married	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1091/381 1064/490	
113	05-RP1K-145	Diane Marie Altman	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1091/393 1064/490	0.00%
		Deborah L. McNeal, married	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1091/381 1064/490	
114	05-RP1K-144	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
115	05-RP1K-119	Gary Wayne Cook, by his Attorney-in-Fact, Sharon L. cook, and Sharon L. Cook Individually, Husband and Wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1103/609	0.00%
116	05-RP1K-120	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
117	05-RP1K-30	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
118	05-RP1K-32	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
119	UR RT 470	Catherine S. Smith, a single woman	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1080/649 1064/490	
		Randall F. Smith	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1080/307 1064/490	
		Gerald M. Mikkat and Joyce A. Mikkat	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1064/645 1064/490	0.00%
		Randall F. Smith	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1094/301 1064/490	
		Catherine S. Smith, a single woman	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1080/643 1064/490	
120	01-RB1-2.3	Randall F. Smith	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1080/307 1064/490	0.00%
		Catherine S. Smith	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1080/649 1064/490	
121	10-WT3-136	Lorraine M. Rice and Terrance L. Rice, wife and husband	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1060/537 1064/490	0.00%
122	10-WT3-135	Lorraine M. Rice and Terrance L. Rice, wife and husband	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1060/537 1064/490	0.00%
123	10-Wtn-150	Summer Vanvleck Chance Stephan	Expand Appalachia LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8 At least 1/8th per WV code 22-6-8	1109/744 1111/478	0.00%
124	10-Wtn-156	Five Star 2022	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1080/313 1064/490	
		Titan Star Resources	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1080/320 1064/490	
		Longhorn Land Company, LLC	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1080/334 1064/490	0.00%
		Otto, LP	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1080/341 1064/490	
		Privateer Energy Services, LLC	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1080/127 1064/490	
		BK Family Investors, LP	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1063/436 1064/490	
125	10-Wtn-151	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
126	10-Wtn-157	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
127	10-Wtn-155	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
128	10-WT4-482	Wheeling Newspapers, Inc.	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1066/483 1064/490	0.00%
129	13-7-41	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
130	13-5-1.7	Judith A. Petty and Owen L. Petty, wife and husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	870/549 1630 87/407	
		Judith A. Petty and Owen L. Petty, wife and husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	870/549 1630 87/407	0.00%
		Judith A. Petty and Owen C. Petty, wife and husband	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	870/549 1630 87/407	
131	13-4-53.8	Ronald L. Heath and Lori A. Scott, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1103/284 87/407	0.00%
23	13-4-59.4	Lori A. Richards, divorced	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1101/87 87/407	0.00%
164	13-HE-14	Donald R. Dobert, Jr. and Toni R. Dobert, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1267/595	0.00%
174	13-HE-13	William P. Strathygel and Jo Ann Strathygel, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1101/593 87/407	0.00%
8A	13-4B-4	Jane Lew Trolley, married, dealing in her separate property	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1101/320 87/407	0.00%
8A	13-4B-5	Michael L. Duffy and Mary Duffy, husband and wife	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1225/47 87/407	0.00%
25	13-10-20	Elizabeth Hazelwood Dahlkamp, single	Antietam Petroleum Partners Operating, LLC SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1019/557 482/413 87/407	0.00%
83	13-10-20.2	David A. Bride and Margaret E. Weber, as joint tenancy with right of survivorship and not as tenants in common	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1219/547 87/407	0.00%
84	13-10-53	John C. Barry, II and Cindy M. Barry, Husband and Wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1270/104	0.00%
86	13-10-54	William B. LaRue & Laura L. Orvan LaRue, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1271/512	0.00%
15	13-3F-35	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
126	13-3F-36	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
127	05-RP2-36	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%
87	05-RP2-5.7	Janet A. Tomlinson and Ralph W. Tomlinson, wife and husband	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1093/193 87/407	0.00%
12	05-RP1P-110	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
169	05-RP1P-109	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
90	05-RP2-1	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
V1	05-RP1P-91	Expand Appalachia LLC (Company Owned Minerals)	N/A	N/A	1110/780	0.00%
		Diane Marie Altman	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1091/393 1064/490	
		Deborah L. McNeal, married	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1091/381 1064/490	
84A	10-WT3-134	Lorraine M. Rice and Terrance L. Rice, wife and husband	SWN Production Company, LLC Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1060/537 1064/490	0.00%
85A	05-RP1K-141	Royalty Owners (Subject to Contractor):	N/A	N/A	N/A	100.00%

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EXHIBIT "A"
Ruth Keller MSH 6050
Marshall County, West Virginia

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by Expand Operating, LLC., Operator

#	TMP	LESSOR	LESSEE	ROYALTY	BK/PG	% INTEREST NOT OWNED BY EXPAND APPALACHIA LLC
314	16-RP-8C150	Diane Marie Abbott	SWN Production Company, LLC / Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1095/371 / 1016/450	0.06%
		Deborah L. Mayhew, married	SWN Production Company, LLC / Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1091/581 / 1064/450	
315	12-JF-42	Frank F. Dwelle, a married man dealing in his sole and separate property	SWN Production Company, LLC / Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1242/457 / 47/607	0.06%
313	12-JF-24	Robert J. Prinkey and Virginia A. Prinkey, husband and wife	SWN Production Company, LLC / Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1245/330 / 47/607	0.06%
333	12-JF-24	Jeffrey A. Orlin, a single man	SWN Production Company, LLC / Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1245/342 / 47/607	0.06%
317	12-JF-40	Michael C. Oliver and Linda C. Oliver, husband and wife	SWN Production Company, LLC / Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1244/357 / 47/607	0.06%
316	12-10-17	Jerry J. Moore and Dixon M. Moore, husband and wife	SWN Production Company, LLC / Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1189/244 / 47/607	0.06%
		Aaron O. Moore, a single man	SWN Production Company, LLC / Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1184/707 / 47/607	
310	12-10-13.1	Kevin W. Evans and Christine L. Evans, husband and wife	Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1279/313	0.06%
310	12-L-79.4	The Most Reverend Mark E. Brennan, Bishop of the Roman Catholic Diocese of Wheeling-Charleston, his successors and assigns	SWN Production Company, LLC / Expand Appalachia LLC	At least 1/8th per WV code 22-6-8	1196/5 / 47/607	0.06%

*Co-tenancy affirmation - 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 treated pursuant to the Co-Tenancy Modernization and Majority Protection Act.
* Potentially Impacted Parcels - Parcels that may be impacted during drilling.
**Horizontal well, unit utilization - Refined to unit/acreage filing with the West Virginia Oil and Gas Commission.

END OF EXHIBIT "A"

expand

June 1, 2026

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

RE: Expand's proposed New Well: Ruth Keller MSH 805H in Marshall County, West Virginia, Drilling under Grandview Road, Benwood Road, Boggs Run Road, Marshall Co Rd 88/25, Allendale Road, Ellen Ave, Wel-Star Lane, S Ketler Ave, Carl Street, McKinley Ave, Lower Incline Road, McCready Ave, Euclid Ave, and Wetzel Street.

Dear Mr. Brewer:

Expand Operating LLC ("Expand") is applying for a drilling permit for the above referenced well. The State of West Virginia has raised some concern as to Expand's right to drill under Grandview Road, Benwood Road, Boggs Run Road, Marshall Co Rd 88/25, Allendale Road, Ellen Ave, Wel-Star Lane, S Ketler Ave, Carl Street, McKinley Ave, Lower Incline Road, McCready Ave, Euclid Ave, and Wetzel Street. be advised that Expand has leased all mineral owners under said route as it relates to the above-referenced well and unit.

Respectfully,

Expand Operating LLC

Gavin Nadeau
Sr. Staff Landman

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WV Department of
Environmental Protection

47-051-02600

WW-PN
(11-18-2015)

Horizontal Natural Gas Well Work Permit
Application Notice By Publication

Notice is hereby given:
Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement.

Paper: Moundsvilel Echo

Public Notice Date: May 28, 2026 & June 4, 2026

The following applicant intends to apply for a horizontal natural well work permit which disturbs three acres or more of surface excluding pipelines, gathering lines and roads **or** utilizes more than two hundred ten thousand gallons of water in any thirty day period.

Applicant: Expand Operating LLC **Well Number:** Ruth Keller MSH 805H

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508

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WV Department of Environmental Protection

Business Conducted: Natural gas production.

Location –

State: West Virginia County: Marshall
District: Union Quadrangle: Moundsville
UTM Coordinate NAD83 Northing: 4,426,209
UTM coordinate NAD83 Easting: 525,974
Watershed: Short Creek Ohio River

Coordinate Conversion:
To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php

Electronic notification:
To receive an email when applications have been received or issued by the Office of Oil and Gas, visit http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx to sign up.

Reviewing Applications:
Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost $15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.comments@wv.gov.

Submitting Comments:
Comments may be submitted online at https://apps.dep.wv.gov/oog/comments/comments.cfm, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304. Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/pages/default.aspx

09/18/2026

47-051-02600

WW-6AC
(1/12)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE CERTIFICATION

Date of Notice Certification: 8/12

API No. 47- 051 -
Operator's Well No. Ruth Keller MSH 805H
Well Pad Name: Ruth Keller MSH

Notice has been given:
Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State:	West Virginia	UTM NAD 83 Easting:	525,974.164
County:	051-Marshall	Northing:	4,426,209.223
District:	Union	Public Road Access:	Glen Dale Heights Road
Quadrangle:	Moundsville	Generally used farm name:	Ruth Keller MSH
Watershed:	Short Creek Ohio River		

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following: *PLEASE CHECK ALL THAT APPLY	OOG OFFICE USE ONLY
☐ 1. NOTICE OF SEISMIC ACTIVITY or ☑ NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED	☐ RECEIVED/ NOT REQUIRED
☑ 2. NOTICE OF ENTRY FOR PLAT SURVEY or ☐ NO PLAT SURVEY WAS CONDUCTED	☐ RECEIVED
☑ 3. NOTICE OF INTENT TO DRILL or ☐ NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or ☐ WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)	☐ RECEIVED/ NOT REQUIRED
☑ 4. NOTICE OF PLANNED OPERATION	☐ RECEIVED
☑ 5. PUBLIC NOTICE	☐ RECEIVED
☑ 6. NOTICE OF APPLICATION	☐ RECEIVED

Required Attachments:
The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

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09/18/2026

WW-6AC
(1/12)

47-051-02600

Certification of Notice is hereby given:

THEREFORE, I Brittany Woody, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator:	Expand Operating LLC	Address:	1300 Fort Pierpont Dr., Suite 201
By:	Brittany Woody		Morgantown, WV 26508
Its:	Senior Regulatory Analyst	Facsimile:	304-884-1690
Telephone:	304-209-5688	Email:	Brittany.Woody@expandenergy.com

Brittany Woody

NOTARY SEAL
OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Elizabeth Blankenship
60 Simpson Run Road
Weston, WV 26452
My Commission Expires June 23, 2029

Subscribed and sworn before me this 14 day of May 2026.

Elizabeth Blankenship Notary Public

My Commission Expires 6/23/2029

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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47-051-02600

WW-6A
(9-13)

API NO. 47- 051 - 47-051-02600
OPERATOR WELL NO. Ruth Keller MSH 805H
Well Pad Name: Ruth Keller MSH

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 8/12 **Date Permit Application Filed:** 8/12

Notice of:

☑ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

☐ PERSONAL SERVICE ☑ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☑ Well Plat Notice is hereby provided to:

☑ SURFACE OWNER(s)
Name: David Cook
Address: 1456 Sunset Lane
Glen Dale WV 26038
Name: Andrea M. Burke
Address: 305 Roberts Ave
Wheeling WV 26003

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____

☑ COAL OWNER OR LESSEE
Name: Marshall Land LLC
Address: PO Box 261
Julian WV 25529

☐ COAL OPERATOR
Name: _____
Address: _____

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: See Attachment 13A
Address: _____

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

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WV Department of Environmental Protection

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WW-6A
(9-13)

API NO. 47- 051 -
OPERATOR WELL NO. Ruth Keller MSH 805H
Well Pad Name: Ruth Keller MSH

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 8/12 **Date Permit Application Filed:** 8/12

Notice of:

☑ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

☐ PERSONAL SERVICE ☑ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ Well Plat Notice is hereby provided to:

☑ SURFACE OWNER(s)
Name: Brian J. Keller
Address: 4255 Glen Dale Heights
Glen Dale WV 26038
Name: Suzanne K. Cook
Address: 296 North Balph Ave
Pittsburgh PA 15202

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____

☐ COAL OPERATOR
Name: _____
Address: _____

☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: _____
Address: _____

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

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WW-6A
(9-13)

API NO. 47- 051 -
OPERATOR WELL NO. Ruth Keller MSH 805H
Well Pad Name: Ruth Keller MSH

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 8/12 **Date Permit Application Filed:** 8/12

Notice of:

☑ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

☐ PERSONAL SERVICE ☑ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ Well Plat Notice is hereby provided to:

☑ SURFACE OWNER(s)
Name: Steven M. Cook
Address: 4090 Glen Dale Heights
Glen Dale WV 26038
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____

☐ COAL OPERATOR
Name: _____
Address: _____

☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: _____
Address: _____

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

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SHORT_PARCEL_ID	OWNER	OWNER_ADDRESS	OWNER_CITY	OWNER_ZIP	OWNER_STATE	OWNER_COUNTY
13-6-50	KELLER BRIAN J & COOK DAVID J & ALICE M - TOD	549 SUNSET LN, GLEN DALE, WV 26038	GLEN DALE	26038	WV	MARSHALL
13-11-27	MULDREW PATRICIA A - TOD	259 SUNSET LN GLEN DALE, WV 26038	GLEN DALE	26039	WV	MARSHALL

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AUG 13 2026
WV Department of
Environmental Protection

WW-6A
(8-13)

API NO. 47- 051 -
OPERATOR WELL NO. Ruth Keller MSH 805H
Well Pad Name: Ruth Keller MSH

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:
Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions
Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:
Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:
Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court… (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:
Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

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Environmental Protection

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. **NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

09/18/2026

WW-6A
(8-13)

API NO. 47- 051 -
OPERATOR WELL NO. Ruth Keller MSH 805H
Well Pad Name: Ruth Keller MSH

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

(1) The proposed well work will constitute a hazard to the safety of persons;
(2) The plan for soil erosion and sediment control is not adequate or effective;
(3) Damage would occur to publicly owned lands or resources; or
(4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

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Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

47-051-02600

WW-6A
(8-13)

API NO. 47- 051 -
OPERATOR WELL NO. Ruth Keller MSH 805H
Well Pad Name: Ruth Keller MSH

Notice is hereby given by:
Well Operator: Expand Operating LLC
Telephone: 304-209-5688
Email: Brittany.Woody@expandenergy.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1690

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Elizabeth Blankenship
60 Simpson Run Road
Weston, WV 26452
My Commission Expires June 23, 2029

Subscribed and sworn before me this 14 day of May, 2026.

Elizabeth Blankenship Notary Public

My Commission Expires 6/23/2029

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Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

09/18/2026

47-051-02600

WW-6A3
(1/12)

Operator Well No. Ruth Keller MSH

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry
Date of Notice: 4/29/26 **Date of Planned Entry:** 5/6/26

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: David Cook
Address: 1456 Sunset Lane
Glen Dale WV 26038
Name:
Address:
Name:
Address:

☒ COAL OWNER OR LESSEE
Name: Marshall Land LLC
Address: PO Box 261
Julian WV 25529

☒ MINERAL OWNER(s)
Name: David and Alice Cook
Address: 1456 Sunset Lane
Glen Dale WV 26038
*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville
Approx. Latitude & Longitude: 39.986010, -80.697140
Public Road Access: Glen Dale Heights Road
Watershed: Upper Ohio South
Generally used farm name: Ruth Keller MSH

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:
Well Operator: SWN PRODUCTION COMPANY, LLC
Telephone: 304-884-1610
Email: Brittany.Woody@expandenergy.com
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1690

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

09/18/2026

47-051-02600

WW-6A3
(1/12)

Operator Well No. Ruth Keller MSH

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 4/29/24/6 **Date of Planned Entry:** 5/6/26

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: Andrea M. Burke
Address: 305 Roberts Ave
Wheeling WV 26003
Name:
Address:
Name:
Address:

☒ COAL OWNER OR LESSEE
Name: Marshall Land LLC
Address: PO Box 261
Julian WV 25529

☒ MINERAL OWNER(s)
Name: Andrea M. Burke
Address: 305 Roberts Ave
Wheeling WV 26003
*please attach additional forms if necessary

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AUG 13 2026
WV Department of
Environmental Protection

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville
Approx. Latitude & Longitude: 39.986010, -80.697140
Public Road Access: Glen Dale Heights Road
Watershed: Upper Ohio South
Generally used farm name: Ruth Keller MSH

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:
Well Operator: Expand Operating LLC
Telephone: 304-884-1610
Email: Brittany.Woody@expandenergy.com
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1690

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

09/18/2026

47-051-02600

WW-6A3
(1/12)

Operator Well No. Ruth Keller MSH

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 4/29/26 **Date of Planned Entry:** 5/6/26

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: Brian J. Keller
Address: 4255 Glen Dale Heights
Glen Dale WV 26038
Name:
Address:
Name:
Address:

☒ COAL OWNER OR LESSEE
Name: Marshall Land LLC
Address: PO Box 261
Julian WV 25529

☒ MINERAL OWNER(s)
Name: Brian J. Keller
Address: 4255 Glen Dale Heights
Glen Dale WV 26038
*please attach additional forms if necessary

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WV Department of
Environmental Protection

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville
Approx. Latitude & Longitude: 39.986010, -80.697140
Public Road Access: Glen Dale Heights Road
Watershed: Upper Ohio South
Generally used farm name: Ruth Keller MSH

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:
Well Operator: Expand Operating LLC
Telephone: 304-884-1610
Email: Brittany.Woody@expandenergy.com
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1690

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

09/18/2026

47-051-02600

WW-6A3
(1/12)

Operator Well No. Ruth Keller MSH

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry
Date of Notice: 4/29/26 **Date of Planned Entry:** 5/6/26

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

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AUG 13 2026
WV Department of
Environmental Protection

☒ SURFACE OWNER(s)
Name: Suzanne K. Cook
Address: 4255 Glen Dale Heights Road
Glen Dale WV 26038
Name:
Address:
Name:
Address:

☒ COAL OWNER OR LESSEE
Name: Marshall Land LLC
Address: PO Box 261
Julian WV 25529

☒ MINERAL OWNER(s)
Name: Suzanne K. Cook
Address: 4255 Glen Dale Heights Road
Glen Dale WV 26038
*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	West Virginia	Approx. Latitude & Longitude:	39.986010, -80.697140
County:	Marshall	Public Road Access:	Glen Dale Heights Road
District:	Union	Watershed:	Upper Ohio South
Quadrangle:	Moundsville	Generally used farm name:	Ruth Keller MSH

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Expand Operating LLC	Address:	1300 Fort Pierpont Dr., Suite 201
Telephone:	304-884-1610		Morgantown, WV 26508
Email:	Brittany.Woody@expandenergy.com	Facsimile:	304-884-1690

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09/18/2026

47-051-02600

WW-6A3
(1/12)

Operator Well No. Ruth Keller MSH

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 4/29/26 **Date of Planned Entry:** 5/6/26

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

☒ SURFACE OWNER(s)
Name: Steven M. Cook
Address: 4090 Glen Dale Heights Road
Glen Dale WV 26038
Name:
Address:
Name:
Address:

☒ COAL OWNER OR LESSEE
Name: Marshall Land LLC
Address: PO Box 261
Julian WV 25529

☒ MINERAL OWNER(s)
Name: Steven M. Cook
Address: 4090 Glen Dale Heights Road
Glen Dale WV 26038

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	West Virginia	Approx. Latitude & Longitude:	39.986010, -80.697140
County:	Marshall	Public Road Access:	Glen Dale Heights Road
District:	Union	Watershed:	Upper Ohio South
Quadrangle:	Moundsville	Generally used farm name:	Ruth Keller MSH

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Expand Operating LLC	Address:	1300 Fort Pierpont Dr., Suite 201
Telephone:	304-884-1610		Morgantown, WV 26508
Email:	Brittany.Woody@expandenergy.com	Facsimile:	304-884-1690

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

09/18/2026

47-051-02600

WW-6A4
(1/12)

Operator Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.
Date of Notice: 06/17/2026 **Date Permit Application Filed:** 8/12

RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

☐ HAND DELIVERY ☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided,* That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however,* That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Suzanne Cook
Address: 296 North Balph Ave.
Pittsburgh, PA 15202

Name:
Address:

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville, WV
Watershed: Short Creek Ohio River (HUC-10)

UTM NAD 83 Easting: 525,974.164
Northing: 4,426,209.223
Public Road Access: Grand View Road
Generally used farm name: Ruth Keller

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Expand Energy Company, LLC
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone:
Email:
Facsimile:

Authorized Representative: Steven Pauley
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: (304)-209-5685
Email: steve.pauley@expandenergy.com
Facsimile:

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

09/18/2026

47-051-02600

WW-6A4
(1/12)

Operator Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.
Date of Notice: 06/17/2026 **Date Permit Application Filed:** 8/12

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

☐ HAND DELIVERY ☑ CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided,* That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however,* That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

Notice is hereby provided to the SURFACE OWNER(s):

Name: Steven M. Cook
Address: 4090 Glen Dale Heights Rd.
Glen Dale, WV 26038

Name:
Address:

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville, WV
Watershed: Short Creek Ohio River (HUC-10)

UTM NAD 83 Easting: 525,974.164
Northing: 4,426,209.223
Public Road Access: Grand View Road
Generally used farm name: Ruth Keller

This Notice Shall Include:
Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Expand Energy Company, LLC
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone:
Email:
Facsimile:

Authorized Representative: Steven Pauley
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: (304)-209-5685
Email: steve.pauley@expandenergy.com
Facsimile:

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

09/18/2026

47-051-02600

WW-6A4
(1/12)

Operator Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.
Date of Notice: 06/17/2026 **Date Permit Application Filed:** 8/12

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

☐ HAND DELIVERY ☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided,* That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however,* That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: David Cook
Address: 1456 Sunset Lane
Glen Dale, WV 26038

Name:
Address:

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville, WV
Watershed: Short Creek Ohio River (HUC-10)

UTM NAD 83 Easting: 525,974.164
Northing: 4,426,209.223
Public Road Access: Grand View Road
Generally used farm name: Ruth Keller

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Expand Energy Company, LLC
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone:
Email:
Facsimile:

Authorized Representative: Steven Pauley
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: (304)-209-5685
Email: steve.pauley@expandenergy.com
Facsimile:

Oil and Gas Privacy Notice:

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09/18/2026

47-051-02600

WW-6A4
(1/12)

Operator Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.
Date of Notice: 8/17/26 **Date Permit Application Filed:** 8/12

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

☐ HAND DELIVERY ☑ CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided,* That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however,* That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Brian Keller
Address: 4255 Glen Dale Heights Rd.
Glen Dale, WV 26038

Name:
Address:

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville, WV
Watershed: Short Creek Ohio River (HUC-10)

UTM NAD 83 Easting: 525,974.164
Northing: 4,426,209.223
Public Road Access: Grand View Road
Generally used farm name: Ruth Keller

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Expand Energy Company, LLC
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone:
Email:
Facsimile:

Authorized Representative: Steven Pauley
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: (304)-209-5685
Email: steve.pauley@expandenergy.com
Facsimile:

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09/18/2026

47-051-02600

WW-6A4
(1/12)

Operator Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.
Date of Notice: 8/17/26 **Date Permit Application Filed:** 8/12

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

☐ HAND DELIVERY ☑ CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided,* That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however,* That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Andrea M. Burke
Address: 305 Roberts Ave.
Wheeling, WV 26003

Name:
Address:

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville, WV
Watershed: Short Creek Ohio River (HUC-10)

UTM NAD 83 Easting: 525,974.164
Northing: 4,426,209.223
Public Road Access: Grand View Road
Generally used farm name: Ruth Keller

This Notice Shall Include:
Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Expand Energy Company, LLC
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone:
Email:
Facsimile:

Authorized Representative: Steven Pauley
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: (304)-209-5685
Email: steve.pauley@expandenergy.com
Facsimile:

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of Environmental Protection

09/18/2026

47-051-02600

WW-6A5
(1/12)

Operator Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**
Date of Notice: 06/17/2026 **Date Permit Application Filed:** 8/12

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED ☐ HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Suzanne Cook
Address: 296 North Balph Ave.
Pittsburgh, PA 15202

Name:
Address:

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville
Watershed: Short Creek Ohio River (HUC-10)

UTM NAD 83 Easting: 525,974.164
Northing: 4,426,209.223
Public Road Access: Grand View Road
Generally used farm name: Ruth Keller

This Notice Shall Include:
Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Expand Energy Company, LLC
Telephone: (304)-209-5685
Email: steve.pauley@expandenergy.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile:

Oil and Gas Privacy Notice:
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RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

09/18/2026

47-051-02600

WW-6A5
(1/12)

Operator Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**
Date of Notice: 06/17/2026 **Date Permit Application Filed:** 8/12

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED ☐ HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Steven M. Cook
Address: 4090 Glen Dale Heights Rd.
Glen Dale, WV 26038

Name:
Address:

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville
Watershed: Short Creek Ohio River (HUC-10)

UTM NAD 83 Easting: 525,974.164
Northing: 4,426,209.223
Public Road Access: Grand View Road
Generally used farm name: Ruth Keller

This Notice Shall Include:
Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Expand Energy Company, LLC
Telephone: (304)-209-5685
Email: steve.pauley@expandenergy.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile:

Oil and Gas Privacy Notice:
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RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

09/18/2026

47-051-02600

WW-6A5
(1/12)

Operator Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**
Date of Notice: 06/17/2026 **Date Permit Application Filed:** 8/12

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED ☐ HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: David Cook
Address: 1456 Sunset Lane
Glen Dale, WV 26038

Name:
Address:

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville
Watershed: Short Creek Ohio River (HUC-10)

UTM NAD 83 Easting: 525,974.164
Northing: 4,426,209.223
Public Road Access: Grand View Road
Generally used farm name: Ruth Keller

This Notice Shall Include:
Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Expand Energy Company, LLC
Telephone: (304)-209-5685
Email: steve.pauley@expandenergy.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile:

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

09/18/2026

WW-6A5
(1/12)

Operator Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**
Date of Notice: 4/17/26 **Date Permit Application Filed:** 8/12

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED ☐ HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Brian Keller
Address: 4255 Glen Dale Heights Rd.
Glen Dale, WV 26038

Name:
Address:

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville
Watershed: Short Creek Ohio River (HUC-10)

UTM NAD 83 Easting: 525,974.164
Northing: 4,426,209.223
Public Road Access: Grand View Road
Generally used farm name: Ruth Keller

This Notice Shall Include:
Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Expand Energy Company, LLC
Telephone: (304)-209-5685
Email: steve.pauley@expandenergy.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile:

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A5
(1/12)

47-051-02600
Operator Well No. Ruth Keller MSH 805H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**
Date of Notice: 6/17/26 **Date Permit Application Filed:** _____

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED ☐ HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Andrea M. Burke
Address: 305 Roberts Ave.
Wheeling, WV 26003

Name: _____
Address: _____

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Marshall
District: Union
Quadrangle: Moundsville
Watershed: Short Creek Ohio River (HUC-10)

UTM NAD 83 Easting: 525,974.164
Northing: 4,426,209.223
Public Road Access: Grand View Road
Generally used farm name: Ruth Keller

This Notice Shall Include:
Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Expand Energy Company, LLC
Telephone: (304)-209-5685
Email: steve.pauley@expandenergy.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: _____

Oil and Gas Privacy Notice:
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WV Department of
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09/18/2026

Attachment VI Frac Additives

Product Name	Product Use	Chemical Name	CAS Number
HCL	Solvent	Hydrochloric Acid	7647-01-0
		Water	7732-18-5
FSTI-CI-02	Corrosion Inhibitor	2-Butoxyethanol	111-76-2
		Ethylene glycol	107-21-1
		N,N-Dimethylformamide	68-12-2
		benzyl chloridequaternized	72480-70-7
		Cinnamaldehyde	104-55-2
		Isopropyl alcohol	67-63-0
		Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)- .omega.-hydroxy-	9016-45-9
		1-Decanol	112-30-1
		1-Octanol	111-87-5
		Triethyl phosphate	78-40-0
Ferriplex 80	Iron Control	Sodium Erythorbate	6381-77-7
Tolicide 4Frac	Biocide	Tetrakis(Hydroxymethyl) Phosphonium Sulfate	55566-30-8
		Quaternary ammonium compounds	68424-85-1
		Ethanol	64-17-5
		Water	7732-18-5
Plexslick 930	Friction Reducer	Hydrotreated Petroleum Distillate	64742-47-8
		Water	7732-18-5
		copolymer of 2-propenamide	69418-26-4
		Oleic Acid Diethanolamide	93-83-4
		Alcohol Ethoxylate Surfactants	68551-12-2
		Ammonium Chloride	12125-02-9
		Sodium Chloride	7647-14-5
Plexaid 655NM	Scale Inhibitor	ORGANIC PHOSPHONIC ACIDS SALTS	15827-60-8
		Water	7732-18-5
Plexslick V996	Friction Reducer	Hydrotreated Petroleum Distillate	64742-47-8
		Water	7732-18-5
		copolymer of 2-propenamide	69418-26-4
		Alcohol Ethoxylate Surfactants	68551-12-2
		Sodium Chloride	7647-14-5
Plexaid 655WG	Scale Inhibitor	ORGANIC PHOSPHONIC ACIDS SALTS	15827-60-8
		Water	7732-18-5
		Glycerin	67-56-1
Clearal 270	Biocide	Glutaraldehyde	111-30-8
		Didecyldimethylammonium Chloride	7173-51-5
		Quaternary Ammonium compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1
		Ethanol	64-17-5
		Water	7732-18-5
StimSTREAM SC 398 CW	Scale Inhibitor	Ethylene glycol	107-21-1
		CHEMSTREAM-Polymer-10001	CHEMSTREAM-Polymer-10001
		CHEMSTREAM-Polymer-10002	CHEMSTREAM-Polymer-10002
		Water	7732-18-5
StimSTREAM FR 9800	Friction Reducer	Chemstream-Alkane-00001	Chemstream-Alkane-00001
		Chemstream-Polymer-00001	Chemstream-Polymer-00001
		Ethoxylated alcohols (C12-16)	68551-12-2
		Water	7732-18-5
StimSTREAM FR 2800	Friction Reducer	Distillates (petroleum), hydrotreated light	64742-47-8
		Alcohols, C11-14-iso, C13-rich, ethoxylated	78330-21-9
		Water	7732-18-5
StimSTREAM FR 9725	Friction Reducer	Distillates (petroleum), hydrotreated light	64742-47-8
		Ammonium Chloride	12125-02-9
		Water	7732-18-5
StimSTREAM SC 398 C	Scale Inhibitor	CHEMSTREAM-Polymer-10001	CHEMSTREAM-Polymer-10001
		CHEMSTREAM-Polymer-10002	CHEMSTREAM-Polymer-10002
		Water	7732-18-5

As of 7/5/2023

RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

47-051-02600

WEST VIRGINIA
DEPARTMENT OF TRANSPORTATION

1900 Kanawha Boulevard East • Building Five • Room 109
Charleston, West Virginia 25305-0440 • (304) 558-0444

Michael J. DeMers
Deputy Secretary of Transportation

Stephen T. Rumbaugh, P.E.
Secretary of Transportation
Commissioner of Highways

May 4, 2026

Jason Harmon, Chief
Office of Oil and Gas
Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

Subject: DOH Permit for the Ruth Keller Well Pad, Marshall County
Ruth Keller MSH 6H Well Site Ruth Keller MSH 8H Well Site
Ruth Keller MSH 605H Well Site Ruth Keller MSH 805H Well Site
Ruth Keller MSH 1005H Well Site

Dear Mr. Harmon,

This well site will be accessed from a DOH permit #06-2011-0385 which has been transferred to Expand Operating, LLC for access to the State Road for a well site located off Marshall County State Route 86 MP 4.61.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated March 6, 2023. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Lacy D. Pratt

Lacy D. Pratt
Central Office O&G Coordinator

RECEIVED
Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

Cc: Brittany Woody
Expand Operating, LLC
OM, D-6
File

09/18/2026

WW-6A7
(6-12)

47-051-02600

OPERATOR: Expand Operating LLC WELL NO: Ruth Keller MSH 805H

PAD NAME: Ruth Keller MSH

REVIEWED BY: _____ SIGNATURE: Brittany Woody

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

Well Restrictions ****Pad Built 1/19/12**

☐ At Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any Perennial Stream, Lake, Pond, Reservoir or Wetland; OR

☐ DEP Waiver and Permit Conditions

☐ At Least 300 Feet from Pad and LOD (including any E&S Control Feature) to any Naturally Producing Trout Stream; OR

☐ DEP Waiver and Permit Conditions

☐ At Least 1000 Feet from Pad and LOD (including any E&S Control Feature) to any Groundwater Intake or Public Water Supply; OR

☐ DEP Waiver and Permit Conditions

☑ At Least 250 Feet from an Existing Water Well or Developed Spring to Well Being Drilled; OR

☐ Surface Owner Waiver and Recorded with County Clerk, OR

☐ DEP Variance and Permit Conditions

☐ At Least 625 Feet from an Occupied Dwelling Structure to Center of the Pad; OR

☐ Surface Owner Waiver and Recorded with County Clerk, OR

☐ DEP Variance and Permit Conditions

☐ At Least 625 Feet from Agricultural Buildings Larger than 2500 Square Feet to the Center of the Pad; OR

☐ Surface Owner Waiver and Recorded with County Clerk, OR

☐ DEP Variance and Permit Conditions

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Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

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Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

09/18/2026

Brittany Woody
Senior Regulatory Analyst

August 12, 2026

#6040432
4/29/26 (VOID AFTER 90 DAYS)
$15,150.00

Department of Environmental Protection
Office of Oil & Gas
601 57th Street
Charleston, WV 25304

RE: Proposed New Well: Expedited: **Ruth Keller MSH 6H** **Ruth Keller MSH 8H**
Ruth Keller MSH 605H **Ruth Keller MSH 805H**
Ruth Keller MSH 1005H

Dear Mr. Brewer:

Enclosed please find the Well Work Permit Applications for the above captioned wells. These wells are situated on Keller's property, in Union District, Marshall County, West Virginia.

If you have any questions or desire additional information, please call me at 304-209-5688.

Sincerely,

Brittany Woody

Brittany Woody
Senior Regulatory Analyst
Expand Energy

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Office of Oil and Gas
AUG 13 2026
WV Department of
Environmental Protection

09/18/2026