



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, June 30, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

EXPAND OPERATING LLC
6100 N WESTERN AVE.

OKLAHOMA CITY, OK 73118

Re: Permit approval for MARSTILLER 3
47-083-01153-00-00

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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, 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: MARSTILLER 3
Farm Name: WARNER, ROLAND, ET AL
U.S. WELL NUMBER: 47-083-01153-00-00
Vertical Plugging
Date Issued: 06/30/2026

PERMIT CONDITIONS

West Virginia Code § 22-6-11 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. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

4708301153P

WW-4B
Rev. 2/01

1) Date 5/22/26, 2026
2) Operator's David S Marsteller 3
Well No. 47-083 - 01153
3) API Well No. 47-083 - 01153

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ____/ Gas ☒ ____/ Liquid injection ____/ Waste disposal ____/
(If "Gas, Production ☒ or Underground storage ____) Deep ____/ Shallow ____

5) Location: Elevation 2765' Watershed Stinking Run
District Dry Fork County Randolph Quadrangle Whitmer

6) Well Operator Expand Operating LLC 7) Designated Agent Brittany Woody
Address 1300 Fort Pierpont Dr., Suite 201 Address 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508 Morgantown, WV 26508

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Kenny Willett Name NA
Address 601 57th Street SE Address _____
Charleston WV 25304

10) Work Order: The work order for the manner of plugging this well is as follows:

See Attachment

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Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Kenny Willett Date 5/19/26

07/03/2026

DAVID S MARSTILLER 3 (PN: 732772)

expand

Plug & Abandon

County/State: RANDOLPH, WV Township: DRY FORK BLM: NO
 Latitude: 38.8580300223 Longitude: -79.5479994314 (NAD 83)
 Property Number: 732772 API: 4708301153
 AFE: WO:

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Summary

The DAVID S MARSTILLER 3 will be plugged and abandoned. The well is located in RANDOLPH County, WV and was spud on 06-14-1998 by Columbia Natural Resource, targeting the Oriskany as a Vertical well. The last know production date for this well was 01-00-1900 where it produced MCF, BO, and BW.

Pull 7,760' of Production Tubing

Run CBL

Cut and Pull ~4,500' of 4.5" 11.6# Production Casing

(3) 200' & (1) 100' Cement Plugs. See detail on Page 9

Get detail on Page 10

Guideline

Step	Operation
	To align with the intended barrier design and designation in this procedure, on-site supervision is expected to review the relevant well history and parameters that could impact the efficacy of a barrier, or present mechanical issues with the wellbore. Per the Well Control Standard (OGB-EXE-STD-001): If any of the required minimum barriers fail or otherwise become non-operational, the well shall be immediately secured and operations suspended until a procedure to re-establish the minimum number of barriers is approved. Preferred Well Control Method – Bullhead Method. The goal will be to apply a volume of fluid with sufficient density to exceed reservoir pressure.
1	Hold safety meeting and PJSA prior to each significant operation. Review critical parameters and objectives as well as emergency action plans. Everyone on location has stop work authority. If work is stopped or course needs altered contact COI.
2	Observe condition of location before moving equipment onto location. Notify superintendent of any spills, trash, or tanks/equipment left on location. Clean and dress location.
3	Record and report all casing pressures in Wellview.
4	Negative pressure test all valves. Grease valves if necessary.

Barriers	Flow Path	
	Production Casing X Tubing	Tubing
Primary		
Secondary		
Tertiary		

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Set Tubing Plug in Tubing	
Step	Operation
Note: For slickline work detailing barrier envelope, barrier testing, surface equipment specs for this operation refer to the "Marcellus Production Wireline, Slickline, Braided Line Barrier Template."	
5	Close master valve, ND tree cap and necessary well head equipment downstream of upper master valve, NU wireline lubricator, wireline rams, primary pressure control, and test against upper master valve to 250 psi low / and a high pressure to a minimum of well's SICP pre-job. NU wireline lubricator

Flow Path		
Barriers	Production Casing X Tubing	Tubing
Primary	Tubing Head Adapter / Casing Gate	QHB
Secondary	Casing 2" Ball Valve	Vertical Master Valve
Tertiary		

6	Round trip 1.90" OD gauge ring to 7,750'.
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7	Make up and RIH w/ tubing pump through plug to 2,000' and set in tubing. RIH w/ pump through plug and set at
8	Negative pressure test tubing pump through plug.

Pump KWF at Start of Job	
Step	Operation
9	MIRU pump truck to production wing valve off. Prepare to leave rigged up until CIBP with cement is set in production casing.
10	Pump fluid down production casing until a Qualified Hydrostatic Barrier (QHB) is established and maintained, per Section 4.2 of Well Control Standard (OGB-EXE-STD-001).
11	Perform flow check to ensure QHB is established.
a.	Contact supervisor and engineer if higher weight kill fluid is required.

Flow Path		
Barriers	Production Casing X Tubing	Tubing
Primary	Tubing Hanger Seals	QHB
Secondary	Master Valve	Master Valve
Tertiary		

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Classification: DCL-Internal 47083011539

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Nipple Up WOR BOPs (Test against Master Valve)

Step	Operation
12	ND master valves and NU 7-1/16" 10K master valve to tubing head and close.

Barriers	Flow Path	
	Production Casing X Tubing	Tubing
Primary	QHB	QHB
Secondary	Tubing Hanger Seals	Pump through plug
Tertiary		TWC

13	Pressure test 7-1/16" 10K master valve against TWC to 250 / 4,500 psi.
a.	If unable to install TWC in tubing hanger, NU wireline lubricator, wireline rams, primary pressure control, set test plug with wireline ~100'-200'. Test 7-1/16" 10K flange against test plug to 250 / 4,500 psi.
14	NU 7-1/16" WOR BOPs and 7-1/16" Annular. Function and pressure test each ram. (T to B)
a.	Annular - Test against closed 7-1/16" master valve to 250 / 2,500 psi.
b.	Pipe Ram - Test against closed 7-1/16" master valve to 250 / 4,500 psi.
c.	Blind Ram - Test through kill port against closed 7-1/16" master valve to 250 / 4,500 psi.

Barriers	Flow Path	
	Production Casing X Tubing	Tubing
Primary	QHB	QHB
Secondary	Tubing Hanger Seals	Pump Through Plug
Tertiary	Master Valve	TWC / Master Valve

Pull Tubing

Step	Operation
15	If applicable, release packer and let elastomers relax for 20 min.

Barriers	Flow Path	
	Production Casing X Tubing	Tubing
Primary	QHB	QHB
Secondary	Annular	Pump Through Plug
Tertiary	Pipe Ram	TIW

16	TOOH laying down tubing
a.	Ensure appropriate TIW valve (in open position) w/ operating key is always on the rig floor.
b.	To continuously maintain QHB, should utilize trickle fluid method or monitor fluid level.
c.	If pulling packer, ensure pulling speeds are low enough to prevent swabbing.
17	Close 7-1/16" Master valve and Blind Ram

Barriers	Flow Path	
	Production Casing	
Primary	QHB	
Secondary	Master Valve	
Tertiary	Blind Ram	

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Set CIBP	
Step	Operation
Note: For slickline work detailing barrier envelope, barrier testing, surface equipment specs for this operation refer to the "Marcellus Production Wireline, Slickline, Braided Line Barrier Template."	
18	Close master valve, NU wireline lubricator, wireline rams, primary pressure control, and test against upper master valve to 250 psi low / and a high pressure to a minimum of well's SICP pre-job.
19	Round trip 3.87" OD gauge ring to 7,500'.
20	Plug Details - Plug #1 - CIBP - CIBP Perf Isolation Make up and RIH with CIBP and set at depth defined in Plug Details. Using CCL do not place CIBP across collar.
21	Pressure test CIBP to 1,500 psi or 80% of casing burst pressure accounting for hydrostatic to CIBP depth, which ever is less.
22	Run pressurized CBL log from CIBP to surface. Reported estimated TOC at 6,882'.
23	ND wireline lubricator, wireline rams, primary pressure control.

Barriers	Flow Path
	Production Casing
Primary	QHB
Secondary	Master Valve
Tertiary	Blind Ram

Pump Cement and Spacer and Tac Weld Slips	
Step	Operation
24	Prep 7450' of 2-3/8" 4.7# L-80 workstring.
25	Change out pipe rams to handle 2-3/8" 4.7# L-80 workstring.
26	TIH w/ 2-3/8" workstring and tag TOC/CIBP.
	a. Ensure appropriate TIW valve with the operating key always on the rig floor. TIW valve must be in open
	b. To continuously maintain QHB, should utilize trickle fluid method or monitor fluid level.

Barriers	Flow Path	
	Production Casing X Workstring	Workstring
Primary	CIBP	CIBP
Secondary	QHB	QHB
Tertiary	Annular / Pipe Ram	TIW

27	Plug Details - Plug #2 - Cement - Cement Perf Isolation Pump balanced cement plug as directed in Plug Details, displace tubing with specified volume. POOH 1,500' above estimated TOC. Close pipe ram. WOC for at least 8 hours.
28	Tag top of cement. Record depth.
29	TIH w/ workstring to bottom of spacer #1 and pump spacer as defined in Spacer Details.
30	POOH w/ workstring.
31	Establish hot work permit. Perform LEL assessment of well head and ensure LEL monitoring remains in place. Make sure well is static. Place fire extinguishers near wellhead and ensure fire watch is designated as outlined by hot work permit. ND Tubing Head, 7-1/16" Master Valve, 7-1/16" WOR BOPs and tac weld 4.5" casing slips to 4.5" casing.

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Flow Path		
Barriers	Production X Intermediate Casing	Production Casing
Primary	Casing Packoff	CIBP
Secondary	QHB	Cement
Tertiary		QHB

Nipple Up WOR BOPs (Test against CIBP)	
Step	Operation
32	NU 11" WOR BOPs and annular. Torque all bolts/nuts to spec.

Flow Path		
Barriers	Production Casing X Tubing	Tubing
Primary	QHB	QHB
Secondary	Tubing Hanger Seals	Pump through plug
Tertiary		TWC

33	NU 11" WOR BOPs and 11" Annular. Function and pressure test each ram. (T to B)	
	a.	Annular - Test against CIBP to 250 low / 1,500 psi or 80% of casing burst pressure accounting for hydrostatic to CIBP depth, which ever is less.
	b.	Pipe Ram - Test against CIBP to 250 low / 1,500 psi or 80% of casing burst pressure accounting for hydrostatic to CIBP depth, which ever is less.
	c.	Blind Ram - Test through kill port against CIBP to 250 low / 1,500 psi or 80% of casing burst pressure accounting for hydrostatic to CIBP depth, which ever is less.

Flow Path		
Barriers	Production Casing X Tubing	Tubing
Primary	Casing Packoff	CIBP
Secondary	QHB	Cement
Tertiary		QHB

Cut Casing	
Step	Operation
Note: For slickline work detailing barrier envelope, barrier testing, surface equipment specs for this operation refer to the "Marcellus Production Wireline, Slickline, Braided Line Barrier Template."	

Flow Path	
Barriers	Production Casing
Primary	CIBP
Secondary	QHB
Tertiary	Master Valve / Blind Ram

34	Using TOC from CBL, Round trip 3.87" gauge ring to desired depth.
35	Make up 3.87" OD jet cutter and RIH to desired depth. Pressure up on 4.5" casing to 500 psi and fire cutter. Record all pressure changes at time of cut.
36	RD wireline. Circulate down 4.5" casing and out 9.625" casing to establish successful cut was made.
a.	Do not exceed a 0.8 psi/ft gradient when establishing circulation against open hole accounting for hydrostatic pressure.

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Pull Casing	
Step	Operation
37	MU casing spear, spear 4.5" casing. TOOH laying down 4.5" casing.
	a. Ensure appropriate TIW or swage to TIW valve with the operating key always on the rig floor. TIW valve must be in open position when not in use.
	b. To continuously maintain QHB, should utilize trickle fluid method or monitor fluid level.
	c. NU casing jacks if necessary or unable to pull casing.

Flow Path		
Barriers	Production X Intermediate Casing	Production Casing
Primary	QHB	QHB
Secondary	Pipe Ram	TIW
Tertiary	Annular	

38	Once out of hole with casing shut Blind Ram.
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Flow Path		
Barriers	Intermediate Casing	
Primary	QHB	
Secondary	Master Valve	
Tertiary	Blind Ram	

Pump Cement and Spacer	
Step	Operation
1	Prep 7290' of 2-3/8" 4.7# L-80 workstring.
2	Change out pipe rams to handle 2-3/8" 4.7# L-80 workstring.
3	TIH w/ 2-3/8" workstring and tag TOC/CIBP.
	a. Ensure appropriate TIW valve with the operating key always on the rig floor. TIW valve must be in open
	b. To continuously maintain QHB, should utilize trickle fluid method or monitor fluid level.

Flow Path		
Barriers	Production Casing X Workstring	Workstring
Primary	CIBP	CIBP
Secondary	QHB	QHB
Tertiary	Annular / Pipe Ram	TIW

4	Plug Details - Plug #3 - Cement - Prod Csg Stub Plug (Open Hole)
	Pump balanced cement plug as directed in Plug Details, displace tubing with specified volume. POOH 1,500' above estimated TOC. Close pipe ram. WOC for at least 8 hours.
5	Tag top of cement. Record depth.
6	TIH w/ workstring to bottom of spacer #2 and pump spacer as defined in Spacer Details.
7	POOH w/ workstring.

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Pump Cement and Spacer	
Step	Operation
1	Prep 4400' of 2-3/8" 4.7# L-80 workstring.
2	Change out pipe rams to handle 2-3/8" 4.7# L-80 workstring.
3	TIH w/ 2-3/8" workstring and tag TOC/CIBP.
	a. Ensure appropriate TIW valve with the operating key always on the rig floor. TIW valve must be in open
	b. To continuously maintain QHB, should utilize trickle fluid method or monitor fluid level.

Flow Path		
Barriers	Production Casing X Workstring	Workstring
Primary	CIBP	CIBP
Secondary	QHB	QHB
Tertiary	Annular / Pipe Ram	TIW

4	Plug Details - Plug #4 - Cement - Inter Csg Shoe Plug (Inside Csg) Pump balanced cement plug as directed in Plug Details, displace tubing with specified volume. POOH 1,500' above estimated TOC. Close pipe ram. WOC for at least 8 hours.
5	Tag top of cement. Record depth.
6	TIH w/ workstring to bottom of spacer #3 and pump spacer as defined in Spacer Details.
7	POOH w/ workstring.

Pump Surface Cement Plug	
Step	Operation
8	TIH w/ 2-3/8" workstring and tag TOC/CIBP.
	a. Ensure appropriate TIW valve with the operating key always on the rig floor. TIW valve must be in open
	b. To continuously maintain QHB, should utilize trickle fluid method or monitor fluid level.
9	Plug Details - Plug #5 - Cement - Surface Plug Pump balanced cement plug as directed in Plug Details, displace tubing with specified volume. Close pipe ram.
10	ND WOR BOPs. RDMO Workover rig and all associated equipment.

Flow Path	
Barriers	Surface Casing
Primary	Cement
Secondary	Cement
Tertiary	QHB

11	Monitor well for a minimum of 24 hrs or until state allows well to have abandonment cap installed.
12	Establish hot work permit. Perform LEL assessment of well head and ensure LEL monitoring remains in place. Visually check wellbore and cellar for signs of bubbling. Contact supervisor and OKC engineer if LELs or bubbling are present. Place fire extinguishers near wellhead and ensure fire watch is designated as outlined by hot work permit. Cut casing and weld abandonment cap with monument as specified by WVDEP.

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DAVID S MARSTILLER 3 (PN: 732772)



Well Information

Surface Location	
County/State	RANDOLPH, WV
Township	DRY FORK
Latitude*	38.85803002
Longitude*	-79.54799943

*NAD 83

CHK Contacts		
Title	Name	Mobile
Workover Foreman	Heath Pottmeyer	740-525-3445
Completions Superintendent	Nick Flesher	304-669-3777
Production Superintendent	Donny McHenry	304-884-1624
Production Engineer	Eddie Watson	740-336-4199
Production Manager	Brandon Yaw	713-417-8537
Completions Manager	Matt Briggs	501-428-6630
Regulatory Manager	Eric Haskins	607-242-3839

Driving Directions

Not Available

General Well Data

KB	12	Top Perf	7,588	Perf Interval (ft)	192	PBTD	8,703
KOP	N/A	Btm Perf	7,780	TD	8,752	Elevation	2,780

Casing Details

String	Casing Type	ID	Drift	Top (ftKB)	Bottom (ftKB)	Collapse 70% (PSI)	Burst 70% (PSI)	Yield 70% (klb)	Capacity (bbl/ft)	Tot. Cap. (bbl)	Hole Size
Conductor											
Surface	13.375" 54.5# J-55	12.615	12.459	12	60	791	1,911	360	0.1546	7	17.5
Intermediate	9.625" 36# J-55	8.921	8.765	12	1,545	1,414	2,464	276	0.0773	119	12.25
Production	4.5" 11.6# N-80	4	3.875	12	7,941	4,445	5,446	156	0.0155	123	8.75
Production											
DV Tool											

Tubing Details

Size / Weight	Grade	ID	Drift	Total (ft)	Top (ftKB)	Bottom (ftKB)	Collapse 80% (PSI)	Burst 80% (PSI)	Yield 80% (lb)	Capacity (bbl/ft)	Tot. Cap. (bbl)
2.375" 4.7#	J-55	1.995	1.901	7,758	12	7,770	6,480	6,160	72,000	0.0039	30

Workstring Details

Size / Weight	Grade	ID	Drift	Total (ft)	Top (ftKB)	Bottom (ftKB)	Collapse 80% (PSI)	Burst 80% (PSI)	Yield 80% (lb)	Capacity (bbl/ft)	Tot. Cap. (bbl)
2.375" 4.7#	L-80	1.995	1.901	7,500	12	7,512	9,424	8,960	83,440	0.0039	29

Reference Documents:

Live Locations for Barrier Templates:

[Policies and Controlled Documents Portal](#)[Teams: App Field Operations > Engineering > Barrier Templates](#)

Technical Documents:

[Well Control Standard](#)[Completion and Workover BOP Technical Bulletin](#)[Tubing Pull and Run Barrier Template](#)[Blanket Wellhead Lubricator Exception](#)[Wireline, Slickline, Braided Line Barrier Template](#)RECEIVED
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Plugging Proposal

Plug Details													
#	Type	Description	Set ID	Plug Height (ft)	Bottom of Plug (ftKB)	Top of Plug (ftKB)	Cement Type	Cement Yield	Cement Density (ppg)	Excess Cement (%)	Cement Volume (bbl)	Cement Volume (sacks)	Tubing Displacement Volume (bbls)
1	CIBP	CIBP Perf Isolation	4	2	7,488	7,486	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Cement	Cement Perf Isolation	4	200	7,486	7,286	Class A	1.28	15.5	20	3.7	16.4	26.9
3	Cement	Prod Csg Shoe Plug	4	100	4,600	4,500	Class A	1.28	15.5	20	1.9	8.2	
3	Cement	Prod Csg Shoe Plug	8.75	100	4,500	4,400	Class A	1.28	15.5	50	11.2	48.9	15.4
4	Cement	Inter Csg Shoe Plug (Open Hole)	8.75	100	1,645	1,545	Class A	1.28	15.5	50	11.2	48.9	
4	Cement	Inter Csg Shoe Plug (Inside Csg)	8.75	100	1,545	1,445	Class A	1.28	15.5	20	8.9	39.2	4.0
5	Cement	Surface Plug	8.921	100	100	0	Class A	1.28	15.5	20	9.3	40.7	0.0

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Spacer Details										
#	Fluid Type	Description	Set ID	Spacer Height	Bottom of Spacer (ftKB)	Top of Spacer (ftKB)	Spacer Density (ppg)	Spacer Viscosity (cp)	Excess Spacer (%)	Spacer Volume (bbls)
1	Gel	Perf Isolation Plug to Prod Csg Stub Plug	4	2,686	7,286	4,600	9	-	10	45.9
2	Gel	Prod Csg Stub Plug to Inter Csg Shoe Plug	4	2,755	4,400	1,645	9	-	40	59.9
3	Gel	Inter Csg Shoe Plug to Surface Plug	8.75	1,345	1,445	100	9	-	10	110.0
4										
5										
6										
7										
8										
9										
10										

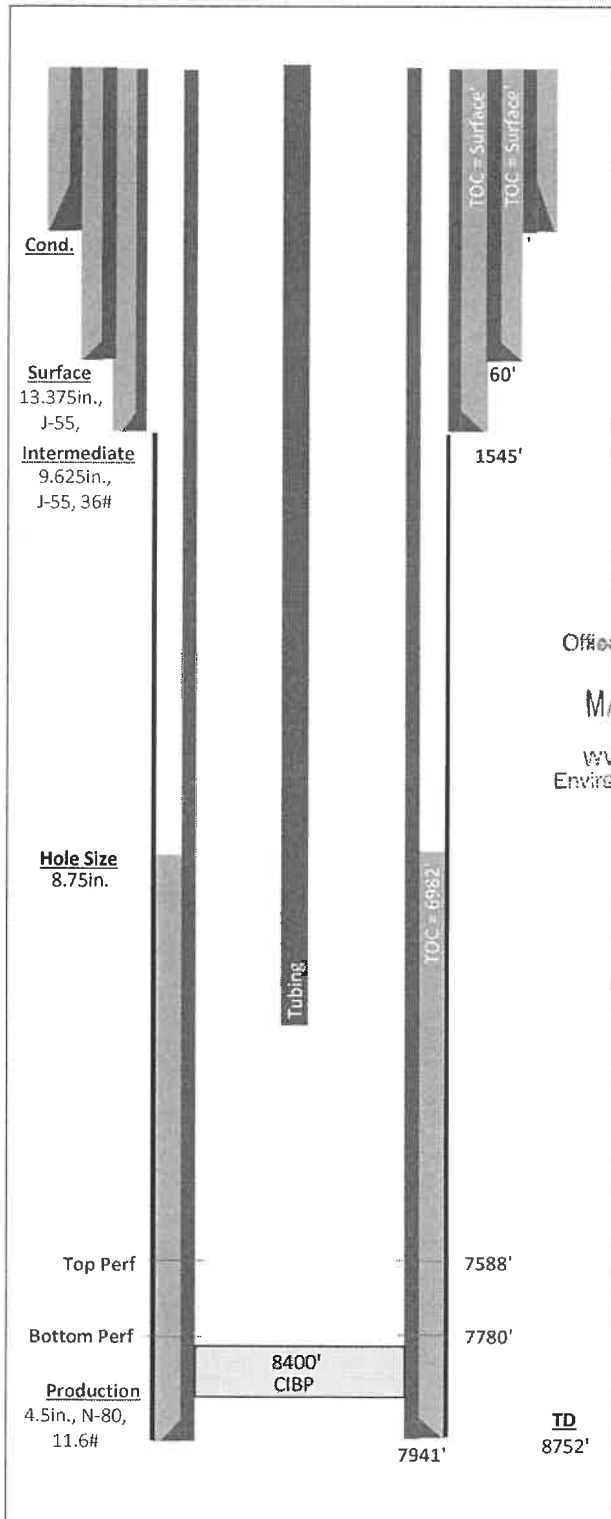
Estimated Casing Cuts	
String	Est. Cut Depth (ftKB)
Intermediate	
Production	4,500

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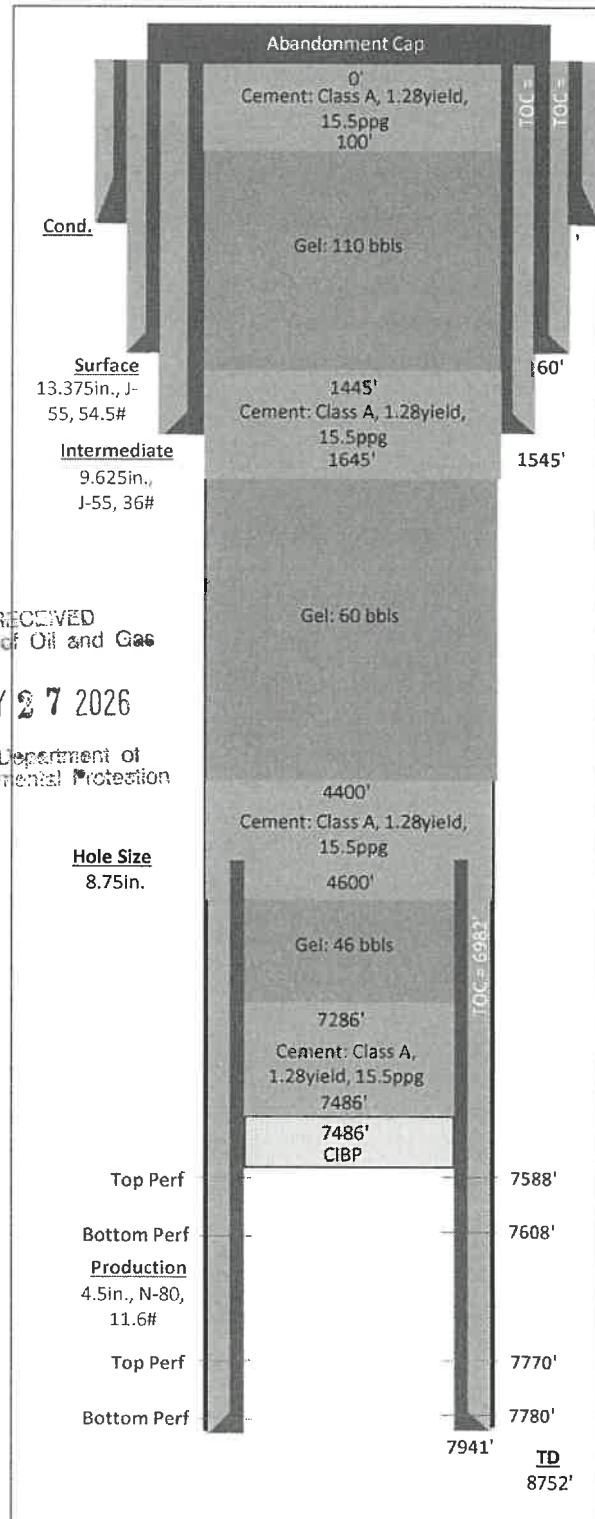
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Current Wellbore Schematic



Proposed Wellbore Schematic

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Corrosion: O&G Internal

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Permitting
DEC 22 1999
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Date: 30-Oct-98
API # 47-083-01153 F

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Reviewed K

Farm name: Warner, Arlie

Operator Well No.: Marsteller #3

LOCATION: Elevation: 2,780' Quadrangle: Valley Grove
District: Dry Fork County: Randolph
Latitude: 6,140 feet South of 38 DEG. 52 MIN. 30 SEC.
Longitude: 1,670 feet West of 79 DEG. 32 MIN. 30 SEC.

Company: Cabot Oil & Gas Corporation
400 Fairway Drive: Suite 400
Coraopolis, PA 15108-4308

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
13-3/8"	60'	60'	150 sks Class "A"
9-5/8"	1545'	1545'	485 sks Class "A"
4-1/2"	7941'	7941'	280 sks Class "A"

Agent: John Abshire
Inspector: Phillip Tracy
Permit Issued: 6/3/98
Well Work Commenced: 11/15/99
Well Work Completed: 12/13/99
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 7956'
Fresh Water Depths (ft) 6'
Salt Water Depths (ft)

Is coal being mined in area (Y / N)? Coal Depths (ft)

OPEN FLOW DATA

Producing formation Oriskany (2nd Bench) Pay zone depth (ft) 7770' - 7780'
Gas: Initial open flow -- MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 950 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock pressure 2290 psig (surface pressure after 54 Hours)

Second producing formation Chert Pay zone depth (ft) 7588' - 7608'
Gas: Initial open flow -- MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 70 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock pressure 1160 psig (surface pressure after 48 Hours)

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: CABOT OIL & GAS CORPORATION

By: Ray Rudnick Jr.
Date: 12/17/99

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OPEN FLOW DATA

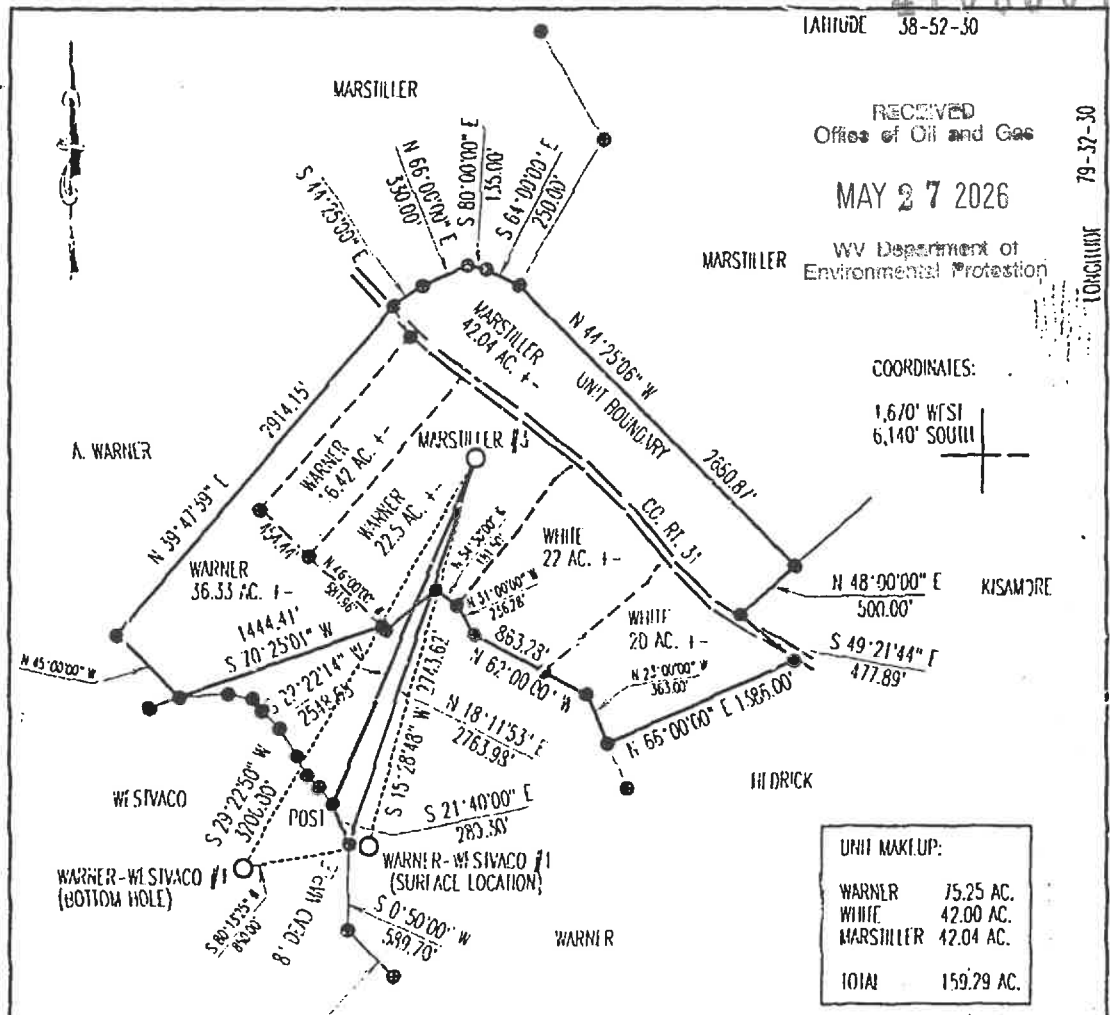
Perf'd 2nd Bench of Oriskany from 7770'-7780'. Broke down with treated water @ 3550 psi. ISIP: 3100 psi. Frac'd with 2,200 bbls of 25# x-link gel and 153,000# sand. ATP: 3850 psi. MTP: 4600 psi. ATR: 30 bpm. ISIP: 3100 psi.

Perf'd Chert from 7588'-7608'. Frac'd with 760 bbls of x-linked gel fluid and 51,000# of 20/40 sand. ATP: 2896 psi. MTP: 4655 psi. ATR: 13.8 bpm. ISIP: 3923 psi.

FORMATION	TOP	BOTTOM	REMARKS
KB	0	10	
Sand/Shale	10	2022	RECEIVED
Shale/Silt	2022	2443	Office of Oil and Gas
Silt/Shale	2443	2585	MAY 27 2026
Sand	2585	2620	WV Department of
Shale/Sand	2620	2913	Environmental Protection
Sand	2913	2957	
Shale	2957	2978	
Sand	2978	3053	
Shale/Sand	3053	4420	
Sand/Shale	4420	4618	
Shale	4618	5842	
Sand/Shale	5842	5920	
Shale	5920	6260	
Sand	6260	6305	
Shale	6305	6505	
Sand	6505	6521	
Shale	6521	7118	
Tully	7118	7145	
Shale/Lime	7145	7342	
Upper Marcellus	7342	7439	
Purcell	7439	7520	
Lower Marcellus	7520	7551	
Onondaga	7551	7587	
Huntersville	7587	7645	
Needmore	7645	7677	
Oriskany	7677	7885	
Helderberg	7885	7956	

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NOTE: UNIT ACREAGES DETERMINED FROM CALCULATION AND RECORDED DOCUMENTS, NOT FROM SURVEY.

WELL REFERENCES:
N13-16W, 244.30' TO 6" BEECH
N62-16W, 296.07' TO 6" DOUGLASS CRAB APPLE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER:
DRAWING NUMBER:
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: 1 IN 200
PROVEN SOURCE OF ELEVATION: RD. INTER. 1500' NW
OF LOCATION ELEVATION = 2,693'

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

(SIGNED)
STEPHEN D. LOSH, P.S. #674



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
110 MCKINNON ROAD
NITRO, WV 25143-2506

LAND SURVEYING STAFF
21 CEDAR LANE, BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 842-5762

DATE: APRIL 30 1998
OPERATORS WELL NO.: MARSTILLER #3
API WELL NO. 47-083-
STATE COUNTY PERMIT

WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐
(If "GAS") PRODUCTION ☒ STORAGE ☐ DEEP ☒ SHALLOW ☐
LOCATION: ELEVATION 2,764.62' WATERSHED ☐ SINKING RUN ☐
DISTRICT DRY DORK COUNTY RANKOLPH
QUADRANGLE WHITMER 7.5 MIN. LEASE NUMBER 47-10312
SURFACE OWNER ARIEF WARNER ACREAGE 22.50
OIL & GAS ROYALTY OWNER ARIEF WARNER LEASE ACREAGE 499
PROPOSED WORK: DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR SIMULATE ☐ PLUG OFF OLD FORMATION ☐
PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE (SPECIFY) ☐
TARGET FORMATION ORISKANY PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐
WELL OPERATOR CASHI OIL & GAS CORPORATION DESIGNATED AGENT JOHN J. BEHRE
ADDRESS RT. 3, BOX 563 CLARKSBURG, WV 26301 ADDRESS 400 FAIRWAY DR., SUITE 403 CORAOPOLIS, PA 15108-4308

07/03/2026

4708301153P

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
David S Marsteller 3

3) API Well No.: 47 - 083 - 01153

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

4) Surface Owner(s) to be served: (a) Name <u>Sandra Jo Cooper</u> Address <u>15 Huffman Loop</u> <u>Harman WV 26270</u> (b) Name _____ Address _____ (c) Name _____ Address _____	5) (a) Coal Operator Name <u>N/A</u> Address _____ (b) Coal Owner(s) with Declaration Name <u>Sandra Jo Cooper</u> Address <u>15 Huffman Loop</u> <u>Harman WV 26270</u> Name _____ Address _____ (c) Coal Lessee with Declaration Name _____ Address _____
--	--

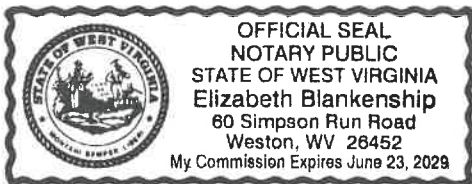
6) Inspector Kenny Willett
Address 601 57th Street, SE
Charleston, WV 25304
Telephone 304-993-6188

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



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

Subscribed and sworn before me this 20 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 phone number, as a 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 of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

07/03/2026

4708301153

ORIGIN ID:MGWA (304) 884-1628
BRITANN WOODY
EXPAND ENERGY CORPORATION
1300 FORT PIERPONT DR.
SUITE 201
MORGANTOWN, WV 26508
UNITED STATES US

SHIP DATE: 21MAY26
ACTWGT: 0.05 LB
CAD: 258327464/NET4535
BILL SENDER

TO **SANDRA JO COOPER**

15 HUFFMAN LOOP

HARMAN WV 26270

REF: MARSTILLER PLUGGING PERMIT

INV: (000) 000-0000
PO: DEPT:

58KJ3/A906/484B



J261626012001uv

TRK# 8720 4961 6203
0201

WED - 27 MAY 5:00P

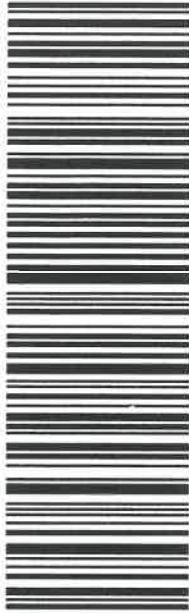
EXPRESS SAVER

ASR

65 CUMBG

CBEA 26270

WV-US PIT



After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

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SURFACE OWNER WAIVER

47083011539

Operator's Well
Number

David S Marstiller 3

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

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

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) 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.

Comments must be in writing. Your comments must 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.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

Signature

Date

Name
By
Its

Date

Signature

Date

07/03/2026

WW-4B

API No. 47-083-001153

Farm Name _____

Well No. David S Marstiller

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Environmental Protection

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 5/22/26

By: _____

It: _____

07/03/2026

4708301153P

WW-9
(5/16)API Number 47 - 083 - 01153
Operator's Well No. _____STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLANRECEIVED
Office of Oil and Gas

MAY 27 2026

WV Department of
Environmental ProtectionOperator Name Expand Operating LLC OP Code 494494833Watershed (HUC 10) Stinking Run Quadrangle WhitmerDo 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 ☒ Any well effluent will be contained in tanks before disposing off-site

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 (if selected provide a completed form WW-9-GPP)
- ☐ Underground Injection (UIC Permit Number _____)
- ☐ Reuse (at API Number _____)
- ☒ Off Site Disposal (Supply form WW-9 for disposal location)
- ☐ Other (Explain _____)

Will closed loop system be used? If so, describe: Drill cuttings will be circulated back into an open tankDrilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Fresh Water-If oil based, what type? Synthetic, petroleum, etc. N/AAdditives to be used in drilling medium? N/ADrill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. LandfillNO PIT -If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) Sawdust and Citric Acid NO PIT
g arm-Landfill or offsite name/permit number? Kimble Sanitary Landfill or Mud Masters

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.

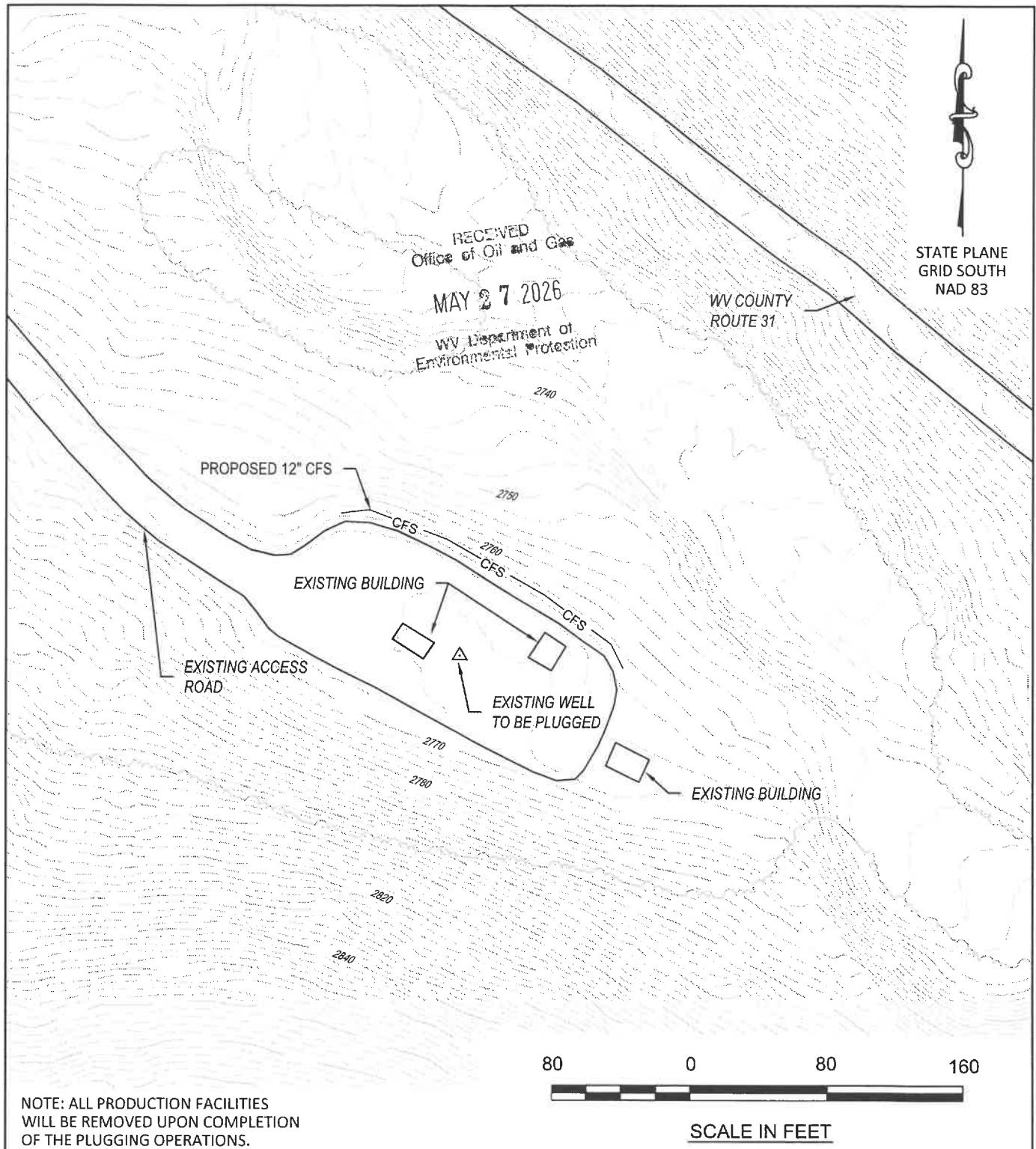
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 WoodyCompany Official (Typed Name) Brittany WoodyCompany Official Title Senior Regulatory AnalystSubscribed and sworn before me this 20 day of May, 20 26My commission expires 6/23/2029

Notary Public





DAVID S. MARSTILLER 3
SITE RECLAMATION
API# 4708301153

FOR
EXPAND OPERATING, LLC
LOCATED IN
RANDOLPH COUNTY, WEST VIRGINIA

SITE PLAN

LEGEND

EXISTING CONTOUR	
EXISTING TREE LINE	
EXISTING ROAD EDGE	
WELLHEAD	
COMPOSITE FILTER SOCK	
CFS	



844-542-4757

466 SOUTH MAIN STREET
MONTROSE, PA 18801
PA • OH • NY • WV • VA • MD

DATE 03/25/2026 NO. 1

07/03/2026

4708301153P

Form WW-9

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed 10 Prevegetation pH 5.5Lime 3.90 Tons/acre or to correct to pH 7Fertilizer type 8-16-16Fertilizer amount 968 lbs/acreMulch 3 Tons/acreRECEIVED
Office of Oil and Gas

MAY 27 2026

WV Department of
Environmental ProtectionSeed Mixtures**Temporary****Permanent**

Seed Type lbs/acre

OATS/ANNUAL RYE 40LBS/ACREHAY/STRAW MULCH 3 TONS

Seed Type lbs/acre

BIRDSFOOT TREFOIL 8LBS/ACRETALL FESCUE 40LBS/ACRE

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, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Kenny Willett

Comments: _____

Title: Inspector Date: 5/19/26Field Reviewed? (X) Yes () No

07/03/2026

RECOMMENDED PERMANENT SEEDING MIXTURE
FOR ALL DISTURBED AREAS

MIXTURE NUMBER	SEASON	SPECIES	SEEDING RATE (lb/ac)
2	COOL	BIRDSFOOT TREFOIL TALL FESCUE	8 / 40

MULCHING

MATERIAL SHALL BE HAY OR STRAW WHICH IS FREE OF WEED AND SEEDS, NOT MOLDY, ROTTEN, AND SHALL BE APPLY TO ALL SLOPES FATTER THAN 3:1 AT A RATE OF 140 LBS/1,000 SF, (APPROXIMATELY TWO BALES PER 1,000 SF OR 3 TON PER AC)

HYDROSEEDING SPECIFICATION

MATERIAL	DESCRIPTION	APPLICATION RATE (PER 1,000 SY)
(1) SEE MIXTURE (% BY WEIGHT)	REDFOP - 10% PENNLAWN FESCUE - 45% KENTUCKY BLUEGRASS - 45%	27 LBS
(2) 8-15-15	COMMERCIAL FERTILIZER	200 LBS
(3) LIME	GROUND COMMERCIAL LIMESTONE	1,650 LBS
(4) MULCH	WOOD CELLULOSE FIBER	750 LBS

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APPROXIMATE TACK COAT

PROCEDURE: SURFACE TO BE HYDROSEEDDED SHALL BE CLEANED OF ALL DEBRIS AND OTHER MATTER HARMFUL TO UNIFORM GERMINATION. A WATER-SLURRY MIXTURE COMPOSED OF THE ABOVE "MATERIALS". ITEMS (1) THROUGH (3) INCLUSIVE, SHALL BE SPRAYED UNIFORMLY OVER THE AREAS TO BE HYDROSEEDDED. IMMEDIATELY, THEREAFTER, ITEM (4) "MULCH" SHALL BE BLOWN ON THE SAME AREA AND TACK-COATED. RATES AND TYPE OF MATERIALS SHALL BE SPECIFIED.

MAINTENANCE AND GUARANTEE

THE CONTRACTOR SHALL GUARANTEE A GOOD STAND OF GRASS IN THE SWALES AND ON BANKS. THE MEANS OF GUARANTEE SHALL BE BY WATERING, MOWING, REGRADING, REMULCHING, AND RESEEDING TO THE SATISFACTION OF THE OWNER UNTIL FINAL ACCEPTANCE. ANY AREAS WHICH FAIL TO SHOW A UNIFORM STAND WITHIN ONE YEAR SHALL BE RESEEDDED AND REMULCHED AT THE CONTRACTOR'S EXPENSE WITH THE SAME MIXTURE ORIGINALLY USED THEREON. ERODED AREAS SHALL BE REPAIRED AND RESTORED TO FINISHED GRADE PRIOR TO RESEEDING AND REMULCHING. ALL SUCH REPAIRING OF EROSION, RESEEDING, AND REMULCHING SHALL BE REPEATED UNTIL ALL EFFECTED AREAS ARE COVERED WITH GRASS.

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WW-9- GPP
Rev. 5/16

Page 1 of 12
API Number 47 - 083 - 01153
Operator's Well No. David S Marsteller 3

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

Operator Name: Expand Operating LLC
Watershed (HUC 10): Stinking Ru Quad: Whitmer
Farm Name: David S Marsteller 3

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

SEE ATTACHED

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Environmental Protection

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

4. Summarize all activities at your facility that are already regulated for groundwater protection.

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

07/03/2026

WW-9- GPP
Rev. 5/16

Page 2 of 2
API Number 47 - 083 - 01153
Operator's Well No. David S Marsteller 3

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

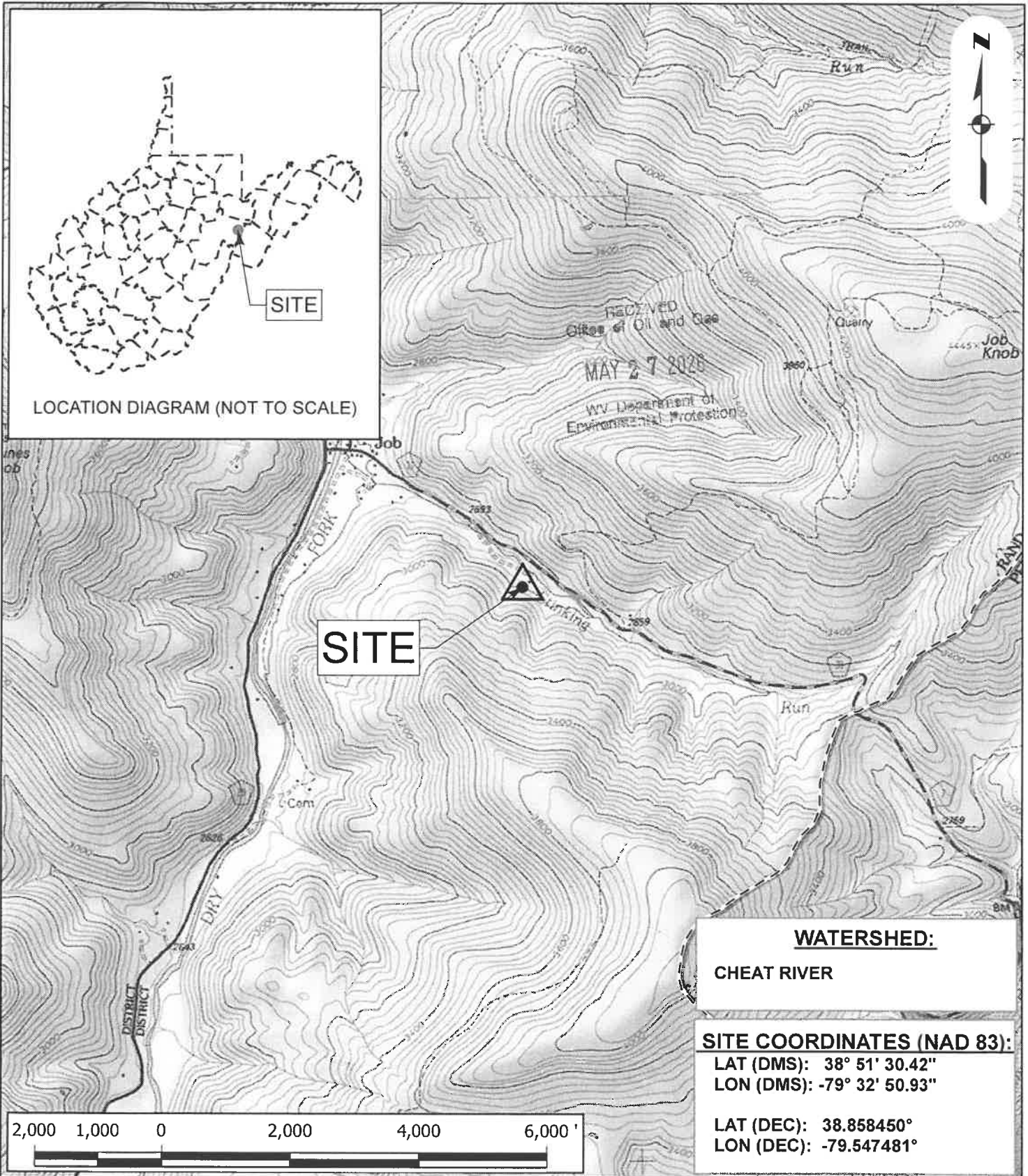
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Environmental Protection

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Signature: Brittany Noddy

Date: 5/22/26

07/03/2026



USGS LOCATION MAP
PREPARED FOR

DAVID S MARSTILLER 3
API# 47-083-01153

DRY FORK DISTRICT, RANDOLPH COUNTY, WEST VIRGINIA
WHITMER USGS QUAD

PROJECT -	DAVID S MARSTILLER 3
DATE -	3/26/2026
SCALE -	1" = 2,000'
DRAWN -	JCOOK
FILE -	2026-0360_USGS_Loc_Map.mxd



(844) 542-4757

07/03/2026

WW-7
8-30-06



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Environmental Protection

West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-083-01153 WELL NO.: 2

FARM NAME: David S Marsteller

RESPONSIBLE PARTY NAME: Expand Operating LLC

COUNTY: Randolph DISTRICT: Dry Fork

QUADRANGLE: Whitmer

SURFACE OWNER: Sandra Jo Cooper

ROYALTY OWNER: David S. Marsteller

UTM GPS NORTHING: 4,302,024.10

UTM GPS EASTING: 625,984.73 GPS ELEVATION: 2765'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS x: Post Processed Differential X

Real-Time Differential _____

Mapping Grade GPS _____: Post Processed Differential _____

Real-Time Differential _____

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Brittany Hbody
Signature

Senior Regulatory Analyst
Title

5/22/26
Date

07/03/2026

David S. Marsteller 3

11/10/2016

PLUGGING PERMIT CHECKLIST

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Plugging Permit

- ☒ WW-4B
- ☒ WW-4B signed by inspector
- ☒ WW-4A
- ☒ SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- ☒ COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- ☒ WW-9 PAGE 1 (NOTARIZED)
- ☒ WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- ☒ WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- ☒ RECENT MYLAR PLAT OR WW-7
- ☒ WELL RECORDS/COMPLETION REPORT
- ☒ TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- ☒ MUST HAVE VALID BOND IN OPERATOR'S NAME
- ☐ CHECK FOR \$100 IF PIT IS USED

07/03/2026