



west virginia department of environmental protection

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

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

Wednesday, May 27, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

PILLAR ENERGY, LLC
1244 MARTINS BRANCH RD

CHARLESTON, WV 25312

Re: Permit approval for 5252
47-039-01018-00-00

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: 5252
Farm Name: BLACK BAND COAL & COKE
U.S. WELL NUMBER: 47-039-01018-00-00
Vertical Plugging
Date Issued: 05/27/2026

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. 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.

1) Date March 18, 2026
2) Operator's
Well No. Black Band Coal 5252
3) API Well No. 47-039 - 01018

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 X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow ___

5) Location: Elevation 800 Watershed Davis Creek - Upper Kanawha River
District Loudon County Kanawha Quadrangle Charleston WV C6

6) Well Operator Pillar Energy LLC 7) Designated Agent Jeff Isner
Address 1244 Martins Branch Rd Address 1244 Martins Branch Rd
Charleston, WV 25312 Charleston, WV 25312

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Terry Urban Name TBD
Address 601 57th St, SE Address _____
Charleston, WV 25304

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

SEE Prog Page

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

Work order approved by inspector *[Signature]* Date 4-13-26

MAY 27, 2026

47-039-01018 P

Black Band Coal 5252
API# 47-039-01018
Elevation: 800' GL
Latitude/Longitude: 38.258682, -81.634788

BBC 5252 Well Data (Drilled 09/1943 to Oriskany, then drilled deeper to Newburg in 06/1965)

Casing: 13-3/8" Surface Csg @ 404' GL
10" Intermediate Csg @ 775' GL – Pulled after setting next csg.
8-1/4" Intermediate Csg @ 1200' GL
6-5/8" Production Csg @ 4425' GL
4-1/2" Production Csg @ 5238' GL
2" Production Tbg @ unknown depth
TD: 5238'
Perforations: Open Hole Frac (Oriskany) F/ 4504' – T/ 4543' in 1943
Newburg Perforations: 5192' – 5297' (20 shots)
Coal: 94-100'
Fresh Water Shows: 25'
Salt Water Shows: 565'
Gas/Oil Shows: 252', 1361', & 4507'

BBC 5252 Procedure:

1. Notify State Inspector, Terry Urban – (304)-549-5915 - Terry.W.Urban@wv.gov 24 hours prior to commencing operations.
2. Prep location.
3. MIRU service rig, steel pits, and other ancillary equipment.
4. Blow well down, and TOOH w/ 2" tbg.
5. RIH w/ work string to ~5200'
6. Pump 10 BBI 6% gel.
7. Set 200' cement plug F/ 5200' T/ 5000'. (Csg shoe @ 5247').
8. TOOH to 4000', WOC 8 hrs, RIH & tag plug, add cement if needed.
9. 4-1/2" Casing will be ripped and removed from well bore where free. The following cement plugs set will be set, with the order depending on where casing is free and able to be removed. 6% gel will be spotted between each plug.
 - a. 100' plug across from location of ripped 4-1/2" casing.
 - b. 200' plug F/ 4600' – T/ 4400' (6-5/8" shoe @ 4425'). Csg ripped or perforated at ~4550' if still present.
10. 6-5/8" Casing (if present) will be ripped and removed from well bore where free. The following cement plugs set will be set, with the order depending on where casing is free and able to be removed. 6% gel will be spotted between each plug.
 - a. 100' plug across from location of ripped 6-5/8" casing.
 - b. 200' plug F/ 3000' – T/ 2800'. Csg ripped or perforated at ~2950' if still present.
 - c. 300' plug F/ 1400' – T/ 1100' (8-1/4" shoe @ 1200'). Csg ripped or perforated at ~1150' if still present.
 - d. 200' elevation plug F/ 900' – T/ 700'. Csg ripped or perforated at 800' if still present.
 - e. 200' plug F/ 450' – T/ 250' Csg ripped or perforated at 350' if csg is still present.

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47-039-01018f

11. 8-1/4" Casing (if present) will be ripped and removed from well bore where free. The following cement plugs set will be set, with the order depending on where casing is free and able to be removed. 6% gel will be spotted between each plug.
 - a. 100' plug across from location of ripped 8-1/4" casing.
 - b. 200' elevation plug F/ 900' – T/ 700'. Csg ripped or perforated at 800' if still present.
12. Attempt to POOH w/ 10" csg if present. The following cement plugs set will be set, with the order depending on where casing is free and able to be removed. 6% gel will be spotted between each plug.
 - a. 200' plug F/ 450' – T/ 250' Csg ripped or perforated at 350' if csg is still present.
 - b. 250' surface plug F/ 250' – T/ surface'. Csg ripped or perforated at 100' if csg is still present.
13. Erect a monument to WV DEP specifications (CSR 35-4-5.5 – sub "b").
14. Reclaim location and roads to WV DEP Specifications.

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WELLBORE SCHEMATIC

Well Information:

Well Name:	Black Band Coal 5252	Company / Partnership:	Pillar Energy LLC
County / State:	Kanawha/WV	API Number:	47-039-01018
District / Township:	Loudon	AFE Number:	[REDACTED]
Target:	Oriskany / Newburg	Cost Center:	[REDACTED]
Lat:	38.258682	Pool Code:	[REDACTED]
Long:	-81.634788	DTD / LTD:	4543, DD to 5247

Surveys	Hole Size	Formations	Depths (KB)	DRILL DATE: DRILL DEEPER:	9/6/1943 6/1/1965	Casings	Cement
		Water @ 25' Coal @ 94-100' Oil Show @ 252'		Elevation: 800'		16" @ 40'	
		Water Show @ 565'				13-3/8" @ 404' GL, cement (if any) unknown	
						10" @ 775' GL, but pulled once next string was set	
		Gas show @ 1361'				8-1/4" @ 1200' GL, cement (if any) unknown	
						6-5/8" @ 4425' GL, cement (if any) unknown	
		Gas/Oil show -@ 4504-4530' Oriskany @ 4504-4526'				2" @ unknown depth	
		Newburg @ 5190-5218'		4-1/2" @ 5238' GL, cemented with 110 sacks			
				TD @ 5247'			

Completion Information Target: Oriskany / Newburg Completion Dates: 9/8/1943 & 7/2/1965

Top Perforation (ft):	5,192	Frac Type/Fluid:	Water	Breakdown:	psi
Bottom Perforation (ft):	5,197	Foam Quality:		Pre-ISIP:	psi
No. of Shots:	20	BD Acid Volume:	500 gal.	MTP:	psi
Charge (gram):		Treatment Volume:	29,988 gal.	ATP:	psi
Perf Diameter:		Sand mesh size:	20/40 mesh	ISIP:	psi
Penetration:		Sand Volume:	290 sacks	5-min SIP	psi
Phasing:		Ave. Treatment Rate:	bpm	10-min SIP	psi

Remarks: Well was originally drilled to Oriskany in 1943 and completed. Then drilled deeper to 'Newburg completed in 1965. Newburg completion info above. Oriskany was shot w/ 40 quarts



47-039-01018P
12-15-65

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
- DRILL DEEPER -
WELL RECORD

Rotary
Spudder
Cable Tools
Storage

Quadrangle Charleston
Permit No. KAN-1018-D

Oil or Gas Well _____ (KIND)

Company United Fuel Gas Company
Address P.O. Box 1273 Charleston, W. Va. 25325
Farm Black Band Coal & Coke Co. #10 acres. 2025
Location (waters) Br. of Davis Creek
Well No. 5252 Elev. 797
District Loudon County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Frank A. Hardy, et al
Rupert Route Address Lewisburg, W. Va.
Drilling commenced June 16, 1965
Drilling completed July 1, 1965
Date Shot _____ From _____ To _____
With _____
Open Flow 1/10ths Water in _____ Inch
1/10ths Merc. in _____ Inch
Volume 52,350,000 - Newburg Cu. Ft.
Rock Pressure 2075 lbs. 90 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4			
6 3/8			Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED (DETAILS) _____

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____

ROCK PRESSURE AFTER TREATMENT _____ HOURS

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Drill Deeper -							
Lime & Dolomite			4559	5190	Perforated from 5192-52	5197'	with 20 shots
Newburg Sand			5190	5218			
Dolomite			5218	5247			
Total Depth			5247'				
					No test before fracture		Fractured Newburg 7-2-65 with 714 bbls. water, 29,000# 20-40 sand, 500 gallons mud acid.
							Final test after fracture - 52,350 M
							Shut in 7-7-65 in 4 1/2" casing.
					LOGS RUN:		Gamma Ray Density Induction Sonic & Sonic Amplitude



47-039-01018 P



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Charleston

WELL RECORD

Permit No. KAN-1018

Oil or Gas Well GAS

Company United Fuel Gas Company
Address Box 1273, Charleston 25, W. Va.
Farm Black Band Coal & Coke Co. Acres 12,008
Location (waters) Davis Creek
Well No. 5252 Elev. 800.6
District Loudon County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Mrs. W. C. Hardy
Address Charleston, W. Va.
Drilling commenced June 3, 1943
Drilling completed Sept. 6, 1943
Date Shot 9-8-43 From 4509 To 4529
With 40 Qts.
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Gas Well _____ Cu. Ft.
Rock Pressure _____ lbs _____ hrs.
Oil _____ hbls., 1st 24 hrs.
Fresh water 25 feet _____ feet
Salt water 565 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	40	40	Kind of Packer
18	40 1/2	40 1/2	
10	775	Pulled	Size of
8 1/2	1200	1200	
6 1/2	4425	4425	Depth set
5 3/16			
2		4543	Perf. top
8			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft _____ Date _____

COAL WAS ENCOUNTERED AT 94 FEET 72 INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gravel			0	25			
Blue Slate			25	94	Water	25	
Coal			94	100			
White Slate			100	165			
Sand			165	195			
Gritty Lime			195	312			
Slate			312	317			
Gritty Lime			317	377			
Slate			377	425			
Sand			425	440			
Slate & Shells			440	490			
Sand			490	700	Oil Show	252	
Sandy Lime			700	777	Water	565	Hole full
Sand			777	896			
Gritty Lime			896	930			
Sand			930	978			
Red & Blue Rock			978	985			
Gritty Lime			985	1002			
Sand			1002	1112			
Slate			1112	1116			
Black Lime			1116	1150			
Slate			1150	1155			
Little Lime			1155	1177			
Pencil Cave			1177	1180			
Big Lime			1180	1361			
Sand			1361	1382	Gas	1361	Show
Slate & Shells			1382	1794			
Berea			1794	1803			
Black Lime			1803	1873			
Slate & Shells			1873	2990			
Brown Shale			2990	3060			
Slate & Shells			3060	3382			
Shale			3382	3561			
White Slate			3561	4060			
Shale			4060	4283			
White Slate			4283	4347			
Black Shale			4347	4410			
Corniferous			4410	4504			
Oriskany Sand			4504	4526	Gas Pay	4507-4510	



05/29/2026

(Over)



Select County: (039) Kanawha (Check All)

Enter Permit #: 01018

Get Data Reset

Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/Show/Water Logs Btm Hole Loc

- Table Descriptions
- County Code Translations
- Permit-Numbering Series
- Usage Notes
- Contact Information
- Disclaimer
- WVGES Main
- "Pipeline-Plus" New

Well: County = 39 Permit = 01018 [Link to all digital records for well](#)

WV Geological & Economic Survey:

Report Time: Wednesday, May 27, 2026 10:30:48 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4703901018	Kanawha	1018	Loudon	Charleston West	Charleston	38.258696	-81.634777	444464.4	4234709.1

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4703901018	9/6/1943	Original Loc	Completed	Black Band C&C	10	5252				United Fuel Gas Co.			
4703901018	7/1/1965	Drilled Deeper	Completed	Black Band C&C	10	5252				United Fuel Gas Co.			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G
4703901018	9/6/1943	6/3/1943	801	Ground Level	Campbell Ck	Helderberg	Oriskany	Development Well	Development Well	Gas w/ Oil Show	unknown	Shot	4543		4543		0
4703901018	7/1/1965	6/16/1965	797	Ground Level	Kanawha Frst	McKenzie Fm	Oriskany	Development Well	Development Well	Gas	Rotary	Acid+Frac	5247		704		0

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4703901018	9/6/1943	Water	Fresh Water	Vertical			25						0
4703901018	9/6/1943	Show	Oil	Vertical			252	Pennsylvanian System	0	0			0
4703901018	9/6/1943	Water	Salt Water	Vertical			565						0
4703901018	9/6/1943	Show	Gas	Vertical			1361	Big Lime	0	0			0
4703901018	9/6/1943	Pay	Gas	Vertical	4509	Oriskany	4529	Oriskany	0	516			0
4703901018	7/1/1965	Pay	Gas	Vertical	5192	Newburg	5197	Newburg	0	52350			0

Production Gas Information: (Volumes in Mcf) * 2025 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703901018	Columbia Gas Transmission Corp.	1980	59,634	10,826	11,911	8,515	11,498	2,407	1,281	0	0	754	5,127	2,656	4,659
4703901018	Columbia Gas Transmission Corp.	1981	28,978	2,599	4,694	3,135	3,324	2,220	2,564	2,390	1,628	2,730	40	0	3,654
4703901018	Columbia Gas Transmission Corp.	1982	11,564	2,270	2,033	3,166	1,607	1,913	482	0	0	0	0	0	93
4703901018	Columbia Gas Transmission Corp.	1983	454	0	0	0	0	0	0	0	0	0	0	83	371
4703901018	Columbia Gas Transmission Corp.	1984	6,903	451	1,141	1,081	1,110	212	1,117	824	600	0	0	0	367
4703901018	Columbia Gas Transmission Corp.	1985	2,118	1,105	235	271	236	138	120	13	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1986	2,634	98	149	92	124	163	127	84	0	0	0	0	1,797
4703901018	Columbia Gas Transmission Corp.	1987	1,132	0	72	39	118	392	139	372	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1990	358	358	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1991	358	358	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1992	8,163	612	735	743	1,732	1,200	666	0	672	591	603	609	
4703901018	Columbia Natural Resources, Inc. (CNR)	1993	7,557	913	595	545	702	600	627	632	688	445	587	652	571
4703901018	Columbia Natural Resources, Inc. (CNR)	1994	1,861	691	468	231	0	0	0	0	1	0	0	0	470
4703901018	Columbia Natural Resources, Inc. (CNR)	1995	2,372	379	307	343	436	176	218	412	101	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Malcolm, D. C., Inc.	1998	96	0	0	0	0	47	21	0	0	0	0	0	28
4703901018	Malcolm, D. C., Inc.	1999	75	0	31	0	0	17	0	27	0	0	0	0	0
4703901018	Malcolm, D. C., Inc.	2000	92	0	13	17	0	23	0	21	0	0	0	0	18
4703901018	Malcolm, D. C., Inc.	2001	108	19	0	0	17	21	0	18	17	0	0	0	16
4703901018	Columbia Natural Resources, Inc. (CNR)	2002	145	26	19	0	0	21	0	17	23	0	0	0	18
4703901018	Columbia Natural Resources, Inc. (CNR)	2003	151	0	21	18	0	0	26	17	0	0	33	0	36
4703901018	Columbia Natural Resources, Inc. (CNR)	2004	139	17	21	0	0	16	0	15	0	31	0	0	17
4703901018	Columbia Natural Resources, Inc. (CNR)	2005	103	16	0	17	15	0	0	14	13	0	16	0	12
4703901018	Malcolm, D. C., Inc.	2006	106	17	15	0	0	12	14	0	13	16	0	0	12
4703901018	Malcolm, D. C., Inc.	2007	114	15	12	0	9	17	13	8	16	0	11	5	8
4703901018	Malcolm, D. C., Inc.	2008	108	12	0	9	15	16	11	0	16	9	12	0	8
4703901018	Malcolm, D. C., Inc.	2009	84	0	11	9	16	12	7	10	0	6	8	5	0
4703901018	Malcolm, D. C., Inc.	2010	83	10	11	0	14	10	9	11	0	7	5	0	6
4703901018	Malcolm, D. C., Inc.	2011	82	11	9	12	9	0	8	7	10	8	0	5	3
4703901018	Malcolm, D. C., Inc.	2012	84	9	10	13	10	7	0	9	11	0	5	7	3
4703901018	Pillar Energy, LLC	2013	81	10	11	12	9	0	6	8	0	3	9	8	5
4703901018	Pillar Energy, LLC	2014	83	10	11	0	14	10	9	11	0	7	5	0	6
4703901018	Pillar Energy, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Pillar Energy, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Pillar Energy, LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Pillar Energy, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Pillar Energy, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Pillar Energy, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Pillar Energy, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Pillar Energy, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Pillar Energy, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Pillar Energy, LLC	2024	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2025 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703901018	Columbia Gas Transmission Corp.	1980	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1984	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1985	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1986	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1987	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Gas Transmission Corp.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Malcolm, D. C., Inc.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Malcolm, D. C., Inc.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Malcolm, D. C., Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Malcolm, D. C., Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4703901018	Columbia Natural Resources, Inc. (CNR)	2005	0												

WW-4A
Revised 6-07

1) Date: 03/17/2026
2) Operator's Well Number
Black Band Coal 5252

3) API Well No.: 47 - 039 - 01018

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:	5) (a) Coal Operator
(a) Name <u>Kanawha State Forest</u>	Name <u>N/A</u>
Address <u>7500 Kanawha State Forest Drive</u>	Address _____
<u>Charleston, WV 25314</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>601 57th St, SE</u>	Name _____
<u>Charleston, WV 25304</u>	Address _____
Telephone <u>304-926-0499</u>	_____

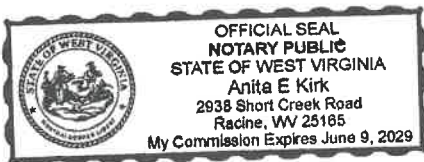
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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 Pillar Energy LLC
 By: Jeff Isner
 Its: President & CEO
 Address 1244 Martins Branch Rd
Charleston, WV 25312
 Telephone 681-205-8599



Subscribed and sworn before me this 23rd day of March 2026
Anita E Kirk Notary Public
 My Commission Expires June 9, 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.

05/29/2026

4703901018 P

9589 0710 5270 2352 9331 87

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Charleston, WV 25314

Certified Mail Fee	\$5.30	
Extra Services & Fees (check box, add fee as appropriate)		\$4.40
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$4.40	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$2.17	\$2.17
Total Postage and Fees	\$11.87	

0708
05

Postmark Here

03/24/2026

Sent To
 Kanawha State Forest
 Street and Apt. No., or PO Box No.
 7500 Kanawha State Forest Drive
 City, State, ZIP+4®
 Charleston WV 25314

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><i>[Signature]</i></p>	
<p>1. Article Addressed to:</p> <p>Kanawha State Forest 7500 Kanawha State Forest Dr Charleston WV 25314</p>		<p>B. Received by (Printed Name)</p> <p>C. Date of Delivery 3.26.26</p>	
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 2352 9331 87</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery</p> <p><input checked="" type="checkbox"/> Certified Mail®</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Registered Mail</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>		<p>Domestic Return Receipt</p>	

05/29/2026

WW-4B

API No. 47-039-01018

Farm Name _____

Well No. Black Band Coal 5252

**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: _____

By: _____

Its _____

SURFACE OWNER WAIVER

Operator's Well
Number

Black Band Coal 5252

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

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,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____

Signature

Date

05/29/2026

WW-9
(5/16)

API Number 47 - 039 _01018
Operator's Well No. _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Pillar Energy LLC OP Code _____

Watershed (HUC 10) Davis Creek - Upper Kanawha River Quadrangle Charleston West C6

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 TU 4-13-20

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: _____

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. _____

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

Additives to be used in drilling medium? _____

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

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

-Landfill or offsite name/permit number? _____

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 [Signature]

Company Official (Typed Name) Jeff Isner

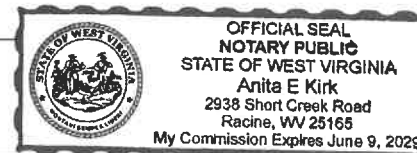
Company Official Title President & CEO

Subscribed and sworn before me this 23rd day of March, 2026

[Signature]

Notary Public

My commission expires June 9, 2029



05/29/2026

Proposed Revegetation Treatment: Acres Disturbed 1/2 Prevegetation pH _____

Lime according to pH test Tons/acre or to correct to pH 7.0

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch Hay or Straw Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

Contractors Mix

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: _____

Comments: _____

Title: _____

Inspector D. E. Gass

Date: _____

4-13-26

Field Reviewed? _____

Yes

No

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

Operator Name: Pillar Energy LLC
Watershed (HUC 10): Davis Creek - Upper Kanawha River Quad: Charleston West C6
Farm Name: _____

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

Plugging of shallow well. All residual fluids will be captured in portable flowback tanks for proper disposal.

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

Plugging of shallow well. All residual fluids will be captured in portable flowback tanks for proper disposal.

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

Middlelick Branch - 100'

- 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.

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

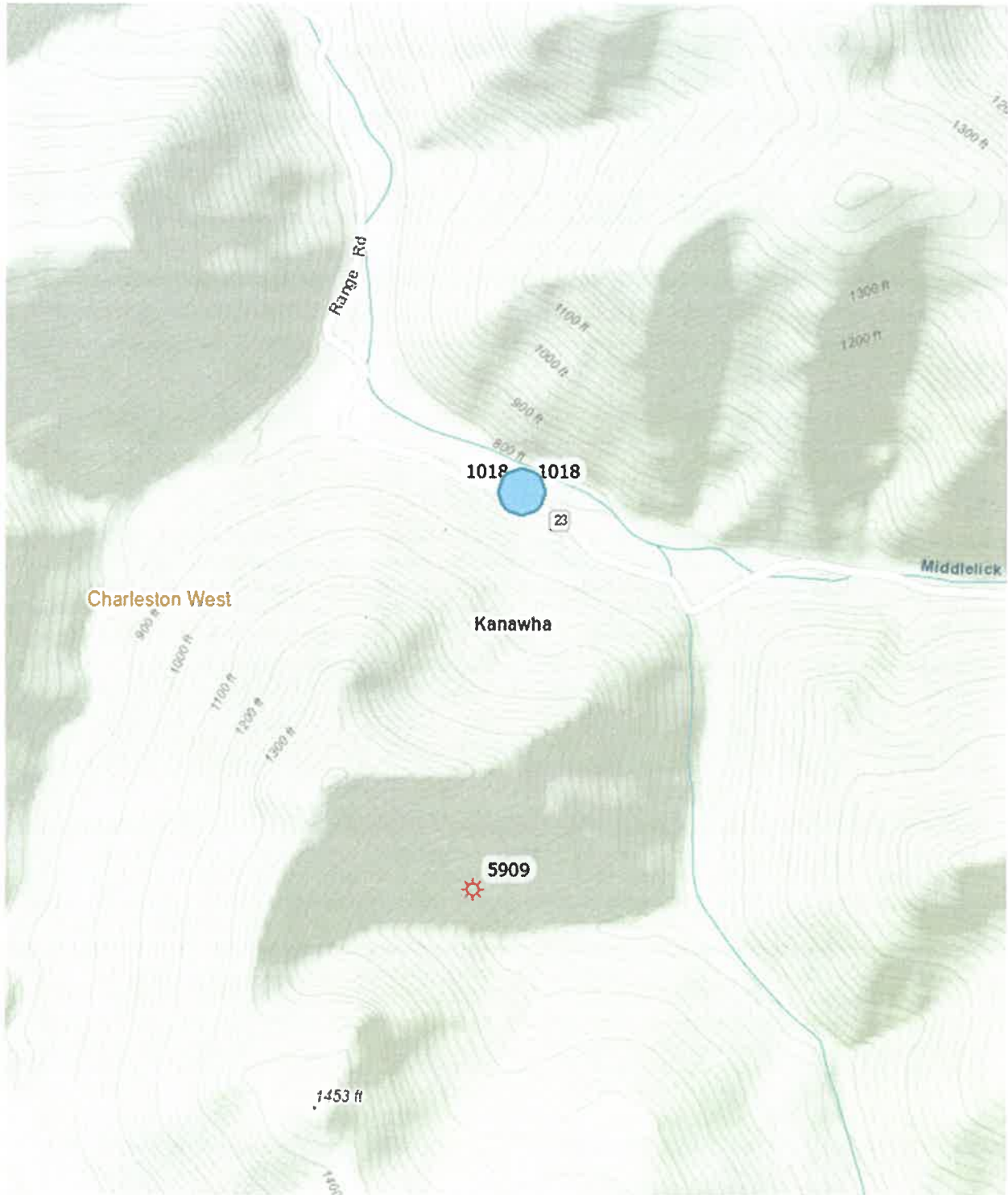
7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

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

Signature: _____

Date: _____

BLACK BAND COAL #5252 LOCATION MAP



4703901018P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-039-01018 WELL NO.: BBC #5252

FARM NAME: Kanawha State Forest

RESPONSIBLE PARTY NAME: Pillar Energy LLC

COUNTY: Kanawha DISTRICT: Loudon

QUADRANGLE: Charleston West C6

SURFACE OWNER: Kanawha State Forest

ROYALTY OWNER: Hardy Oil & Gas LLC, PFR WV Holdings LLC

UTM GPS NORTHING: 4234706.60

UTM GPS EASTING: 444463.70 GPS ELEVATION: 800'

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 ____: Post Processed Differential ____

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.


Signature

CEO
Title

3-23-26
Date

05/29/2026