



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, December 3, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

PILLAR ENERGY, LLC
1244 MARTINS BRANCH RD

CHARLESTON, WV 25312

Re: Permit approval for M-4
47-039-03708-00-00

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.

James A. Martin
Chief

Operator's Well Number: M-4
Farm Name: SMITHERS HEIRS
U.S. WELL NUMBER: 47-039-03708-00-00
Vertical Plugging
Date Issued: 12/3/2024

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 October 30, 2024
2) Operator's
Well No. M-4
3) API Well No. 47-039 - 03708

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 X or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 640' Watershed Loop Creek-Kanawha River
District Cabin Creek County Kanawha Quadrangle Montgomery Cross Grove

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

8) Oil and Gas Inspector to be notified Name Terry Urban
Address PO Box 1207
Clendenin, WV 25045
9) Plugging Contractor Name To be determined
Address _____

RECEIVED
Office of Oil and Gas
NOV 04 2024
WV Department of
Environmental Protection

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

*Operator will cover with Cement
All Oil & Gas Bearing formation - Including Salt,
Elevation and Coal - Freshwater - Try to pull all
Free Pipe*

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 11-4-24

12/06/2024

Smithers M-4
 API# 47-039-03708
 Elevation: 640' GL
 Latitude/Longitude: 38.215292 / -81.458539

✓ **ALL DEPTHS ARE APPROXIMATE. CALCULATED BASED ON 039-03702 BY ADJUSTING FOR ELEVATION**

M-4 Well Data

Casing: 10" Surface Csg @ 80' GL – Possibly pulled after setting next csg.
 8-1/4" Intermediate Csg @ 961' GL – Pulled after setting next csg.
 6-5/8" Production Csg @ 1180' GL
 2-3/8" Production Tbg @ unknown depth - Likely on anchor packer.

TD: 1843'

Latch Down: N/A

Perforations: Open Hole F/ 1180' – T/ 1843'

Coal: 30' & 116' } COVER W/ EXPANDING CEMENT JMM

Fresh Water Shows: Unknown

Salt Water Shows: Unknown

Gas/Oil Shows: Unknown

M-4 Procedure:

1. Notify State Inspector, Terry Urban – (304)-549-5915– Terry.W.Urban@wv.gov
24 hours prior to commencing operations.
2. Prep M-4 location.
3. MIRU service rig, steel pits, and other ancillary equipment.
4. Blow well down, and TOOH w/ production tubing and anchor packer.
5. RIH w/ work string to 1570'
6. Pump 15 BBL 6% gel.
7. Set 200' cement plug F/ 1570' T/ 1370'.
8. TOOH to 1000', WOC 4 hrs, RIH & tag plug, add cement if needed.
9. 6-5/8" & 8-1/4" Casings 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. 200' plug F / 1270' – T/ 1070'
 - b. 100' plug across from location of ripped 6-5/8" & 8-1/4" casings.
 - c. 200' elevation plug F/ 720' – T/ 520' (Elevation @ 640'). Csg ripped or perforated at ~650' if csg is still present.
 - d. 200' plug F / 200' – T/ Surface. Csg ripped or perforated at ~125' if csg is still present)
10. Erect a monument to WV DEP specifications (CSR 35-4-5.5 – sub "b").
11. Reclaim location and roads to WV DEP Specifications.

RECEIVED
 Office of Oil and Gas
 NOV 04 2024
 WV Department of
 Environmental Protection

Operator to Core with Cement all Oil/Gas
 Bearing Formations Including Salt, Elevation, Coals &
 Freshwater

Angus White
 11-4-24

12/06/2024



WELLBORE SCHEMATIC

Well Information:

Well Name:	Smithers M-4	Company / Partnership:	Pillar Energy LLC
County / State:	Kanawha / WV	API Number:	47-039-03702
District / Quad:	Cabin Creek / -Montgomery <i>CADDM GROVE</i>	AFE Number:	
Target:	Weir	Cost Center:	
Lat:	38.213117	Pool Code	
Long:	-81.462216	DTD / LTD:	1842'

Surveys	Hole Size	Shows	Depths (KB)	SPUD DATE: TD DATE:	Unknown Unknown	Casings	Cement
				Elevation: 640'			
			Coal @ 30' & 116'			10" Surface Csg @ 80' (Possibly Pulled)	
			Salt Sands 550' - 958'			8-1/4" Intermediate Csg @ 961' (Possibly Pulled)	
						6" Production csg @ 1180' (no cementing records)	
<p>ALL DEPTHS ARE APPROXIMATE. CALCULATED BASED ON 039-03702 BY ADJUSTING FOR ELEVATION</p>				<p>TD @ 1842'</p>		<p>RECEIVED Office of Oil and Gas NOV 04 2024 WV Department of Environmental Protection</p>	

Completion Information		Target:	Weir 1640' - 1825'	Completion Date:	Unknown
Top Perforation (ft):	Frac Type/Fluid:	Breakdown:		psi	
Bottom Perforation (ft):	Foam Quality:	Pre-ISIP:		psi	
No. of Shots:	BD Acid Volume:	MTP:	gal.	psi	
Charge (gram):	Treatment Volume:	ATP:	gal.	psi	
Perf Diameter:	Sand mesh size:	ISIP:	mesh	psi	
Penetration:	Sand Volume:	5-min SIP:	sacks	psi	
Phasing:	Ave. Treatment Rate:	10-min SIP:	bpm	psi	

Remarks:

4703903708

PARTICIPANTS:

DATE: APR 1 1981

BUYER-SELLER CODE

WELL OPERATOR: Southeastern Gas Company

017598

FIRST PURCHASER: Cabot Corporation

002733

OTHER:

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

10-10-31-108-039 = 3708

Use Above File Number on all Communications
Relating to Determination of this Well

Qualifies F. S. Huggins
Well Record

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 Items not completed - Line No. 704 9.0 6
- 2. IV-1 Agent J.C. Lining
- 3. IV-2 Well Permit
- 4. IV-6 Well Plat
- 5. IV-35 Well Record Drilling Deepening
- 6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced? Ratio
- 7. IV-39 Annual Production 22 months years
- 8. IV-40 90 day Production 92 Days off line:
- 9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Affidavit Signed
- 18-28. Other: Survey Logs Geological Charts
Structure Map 1: 4000 Map Well Tabulations
Gas Analyses
- (5) Date commenced: Jan - 29 Data completed 5-23-72 Deepened
- (5) Production Depth:
- (5) Production Formation: Weis
- (5) Final Open Flow:
- (5) After Frac. R. P.
- (6) Other Gas Test:
- (7) Avg. Daily Gas from Annual Production: $\frac{27 \text{ MCF}}{566} = 7.6 \text{ MCF}$ No. Oil
- (8) Avg. Daily Gas from 90-day ending w/1-120 days: $\frac{591}{92} = 6.3 \text{ MCF}$ No. Oil
- (8) Line Pressure: 20 PSIG from Daily Report
- (5) Oil Production: From Completion Report
- 10-17. Does lease inventory indicate enhanced recovery being done NO
- 10-17. Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? NO
- Additional information Does computer program confirm?
- Was Determination Objected to By Whom?

TS

12/06/2024



"Pipeline"

Select County: (039) Kanawha (Check All)

Enter Permit #: 03708

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](#)

WV Geological & Economic Survey:

Well: County = 39 Permit = 03708 [Link to all digital records for well](#)

Report Time: Tuesday, December 03, 2024 2:27:17 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4703903708	Kanawha	3708	Cabin Creek	Cedar Grove	Montgomery	38.213117	-81.462216	459536.3	4229562.2

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4703903708	--		Original Loc	Completed	Smithers Heirs		M-4		Southeastern Gas Co.			

Completion Information:

API	CMP_DT	SUFFIX	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT
4703903708	--				640 Topo Estimation	Slaughter Creek	Weir	Weir	Development Well	Development Well	Gas	unknown	unknown			0	0	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
4703903708	--	Pay	Gas	Vertical					0	0	0	0	

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703903708	Southeastern Gas Co.	1981	1,261	334	293	336	26	19	101	2	0	0	0	150	0
4703903708	Southeastern Gas Co.	1983	3,156	322	321	323	248	253	286	202	163	179	207	200	452
4703903708	Southeastern Gas Co.	1984	2,172	335	442	264	0	0	0	165	160	118	152	245	291
4703903708	Southeastern Gas Co.	1985	1,792	104	105	183	195	142	120	84	81	197	206	182	193
4703903708	Southeastern Gas Co.	1986	2,414	104	105	0	118	225	225	406	134	150	310	313	324
4703903708	Southeastern Gas Co.	1987	1,480	106	212	237	232	0	43	0	0	23	0	352	275
4703903708	Southeastern Gas Co.	1988	505	147	152	0	171	35	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1989	580	0	0	155	150	140	135	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1990	236	0	0	24	23	24	23	24	24	23	24	23	24
4703903708	Southeastern Gas Co.	1991	1,150	97	94	97	94	97	97	94	97	94	97	97	95
4703903708	Southeastern Gas Co.	1992	2,528	211	211	211	211	211	211	211	211	211	211	211	207
4703903708	Southeastern Gas Co.	1993	2,744	229	229	229	229	229	229	229	229	229	229	229	225
4703903708	Southeastern Gas Co.	1994	2,384	199	199	199	199	199	199	199	199	199	199	199	195
4703903708	Southeastern Gas Co.	1995	2,097	175	175	175	175	175	175	175	175	175	175	175	172
4703903708	Eastern States Oil & Gas, Inc.	1996	935	78	78	78	78	78	78	78	78	78	78	78	77
4703903708	Eastern States Oil & Gas, Inc.	1997	1,971	164	164	164	164	164	164	164	164	164	164	164	167
4703903708	Ashland Exploration Co.	1998	1,873	112	124	145	225	174	207	193	148	206	192	59	88
4703903708	Eastern States Oil & Gas, Inc.	1999	1,520	55	117	188	141	153	136	142	112	98	176	132	70
4703903708	Eastern States Oil & Gas, Inc.	2000	1,790	22	3	6	276	176	142	153	150	214	286	248	114
4703903708	Simcon Oil & Gas Corp.	2001	209	0	0	0	0	0	0	0	0	0	0	0	209
4703903708	Simcon Oil & Gas Corp.	2002	690	0	0	216	0	0	153	0	0	188	0	0	133
4703903708	Simcon Oil & Gas Corp.	2003	689	0	0	286	0	0	168	0	0	143	0	0	92
4703903708	Simcon Oil & Gas Corp.	2004	763	0	0	196	0	0	165	0	0	240	0	0	162
4703903708	Simcon Oil & Gas Corp.	2005	759	0	0	253	0	0	198	0	0	154	0	0	154
4703903708	Simcon Oil & Gas Corp.	2008	661	0	0	100	0	0	212	0	0	187	0	0	162
4703903708	Simcon Oil & Gas Corp.	2009	803	0	0	252	0	0	211	0	0	177	0	0	163
4703903708	Simcon Oil & Gas Corp.	2010	821	0	0	229	0	0	204	0	0	210	0	0	178
4703903708	Simcon Oil & Gas Corp.	2012	662	49	52	53	54	56	58	60	64	58	56	54	48
4703903708	Simcon Oil & Gas Corp.	2013	531	40	42	43	44	45	47	49	51	47	45	39	39
4703903708	Simcon Oil & Gas Corp.	2014	643	48	51	52	53	55	57	59	62	57	55	47	47
4703903708	Simcon Oil & Gas Corp.	2015	516	38	41	42	43	44	46	47	50	45	44	38	38
4703903708	Pillar Energy, LLC	2016	742	70	73	73	51	72	41	28	31	33	83	110	77
4703903708	Pillar Energy, LLC	2017	591	57	65	69	38	48	12	20	24	36	93	81	48
4703903708	Pillar Energy, LLC	2018	689	30	43	45	25	71	61	70	64	50	99	76	55
4703903708	Pillar Energy, LLC	2019	529	55	49	50	47	48	65	0	60	31	25	56	43
4703903708	Pillar Energy, LLC	2020	415	19	29	53	22	52	62	29	26	23	16	41	43
4703903708	Pillar Energy, LLC	2021	176	21	24	14	49	44	21	0	0	0	0	0	3
4703903708	Pillar Energy, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2023	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

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703903708	Southeastern Gas Co.	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1984	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1985	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1986	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1987	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Southeastern Gas Co.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Eastern States Oil & Gas, Inc.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Eastern States Oil & Gas, Inc.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Ashland Exploration Co.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Eastern States Oil & Gas, Inc.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Eastern States Oil & Gas, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

||
||
||

4703903708	Simcon Oil & Gas Corp.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Simcon Oil & Gas Corp.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

4703903708P

Production Water Information: (Volumes in Gallons)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703903708	Pillar Energy, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4703903708	Pillar Energy, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0

There is no Stratigraphy data for this well

Wireline (E-Log) Information:

* There is no Scanned/Raster Log data for this well

* There is no Digitized/LAS Log data for this well

* There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

WW-4A
Revised 6-07

1) Date: 10/30/2024
2) Operator's Well Number
Smithers M-4
3) API Well No.: 47 - 039 - 03708

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>Micky & Samantha Stewart</u>	Name <u>N/A</u>
Address <u>PO Box 63</u>	Address _____
<u>Elkview, WV 25071</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>PO Box 1207</u>	Name _____
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</u>	_____

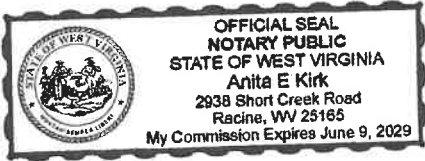
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NOV 04 2024
WV Department of
Environmental Protection

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 31 day of October 2024
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.

SURFACE OWNER WAIVER

Operator's Well
Number

Smithers M-4

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 **12/06/2024**

Office of Oil and Gas
NOV 04 2024
WV Department of Environmental Protection

4703903708P

WW-4B

API No. 47-039-03708
Farm Name _____
Well No. Smithers M-4

**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 _____

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WV Department of
Environmental Protection

12/06/2024

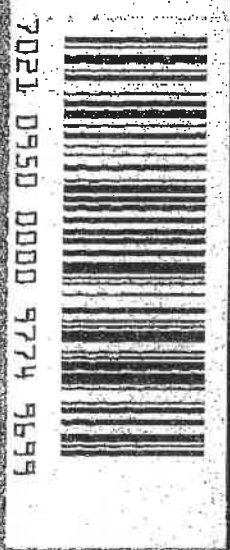
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PILLAR ENERGY
1244 Martins Branch Road
Charleston WV 25312

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<input checked="" type="checkbox"/> Complete Items 1, 2, and 3. <input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you. <input checked="" type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature X	
1. Article Addressed to: Micky & Samantha Stewart PO Box 63 Elkview WV 25071	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
	B. Received by (Printed Name)	C. Date of Delivery NOV 21 2024
2. Article Number (Transfer from service label) 7021 0950 0000 9774 9599	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: Office of <input type="checkbox"/>	
	3. Service Type Environmental <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Mail Restricted Delivery	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt



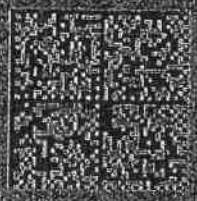
9590 9402 7179 1284 0766 19



7021 0950 0000 9774 9599

Mailed 10/31/24

Micky & Samantha Stewart
PO Box 63
Elkview WV 25071



1051 2024
0950 0011 2832

12/06/2024

4703903708P

WW-9
(5/16)

API Number 47 - 039 - 03708
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) Loop Creek-Kanawha River Quadrangle Montgomery CEDAR GROVE

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

ANY WELL EFFLUENT WILL BE CONTAINED
IN TANKS AND DISPOSED OFF-SITE

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____ 9 mm

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? _____

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WV Department of
Environmental Protection

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 31 day of October, 2024

[Signature] Notary Public

My commission expires June 9, 2029



12/06/2024

Operator's Well No. _____

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: _____

No Records AS per P.111a

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NOV 04 2024

WV Department of
Environmental Protection

Title: _____

Inspector Oil & Gas

Date: _____

11-4-24

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): Loop Creek-Kanawha River Quad: ~~Montgomery~~ CEDAR GROVE
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.

Kanawha River - 100'

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WV Department of
Environmental Protection

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.

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WW-9- GPP
Rev. 5/16

Page 2 of 2
API Number 47 - 039 - 03708
Operator's Well No. _____

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.

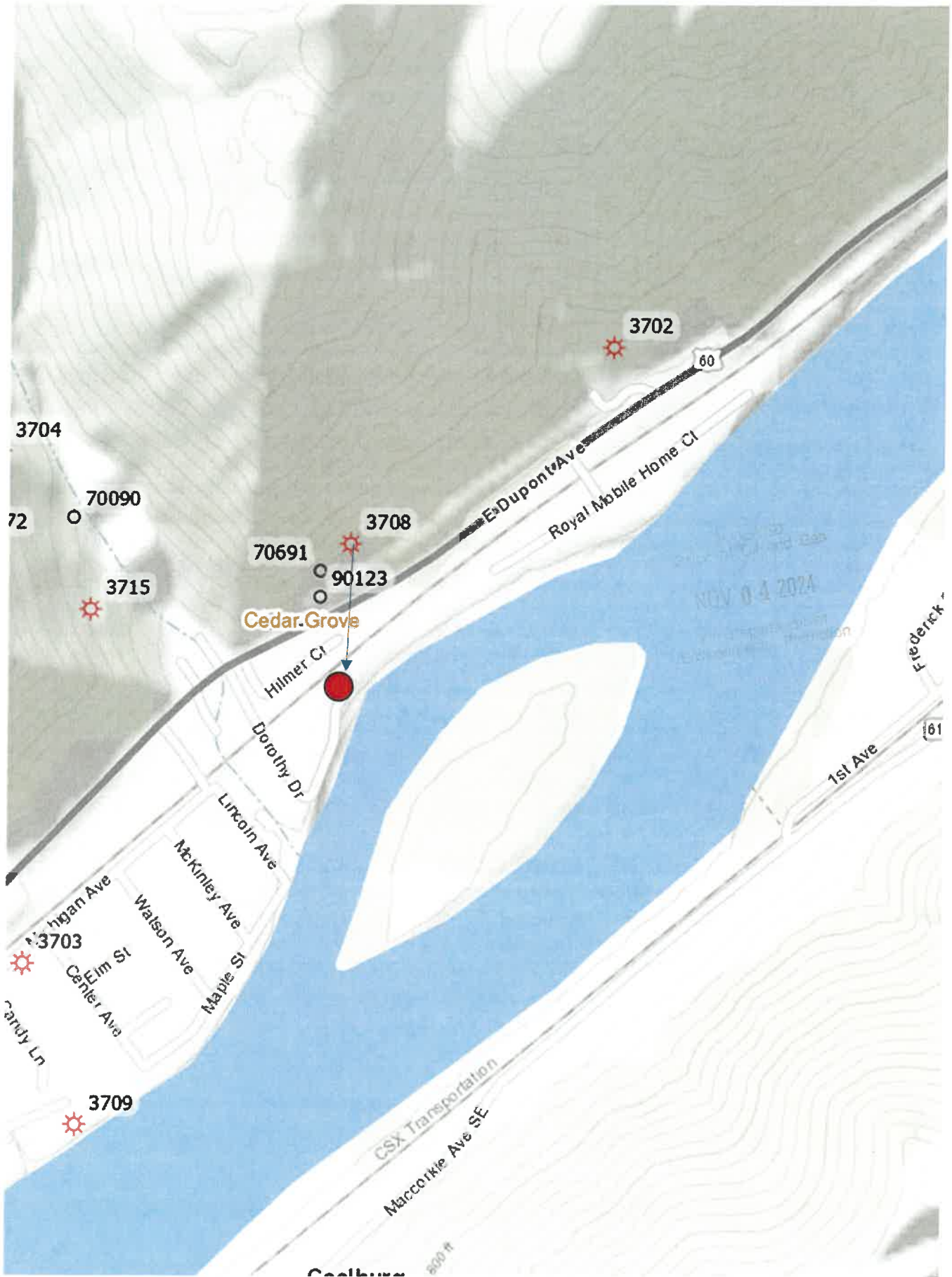
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NOV 04 2024
WV Department of
Environmental Protection

Signature: _____

Date: _____

12/06/2024




Smithers M-4 Location Map



Oil&Gas

Wells, Horizontal Only

WellStatus

-  Active Well
-  Permit Issued
-  Permit Application
-  Plugged

Wells, Active Status Only

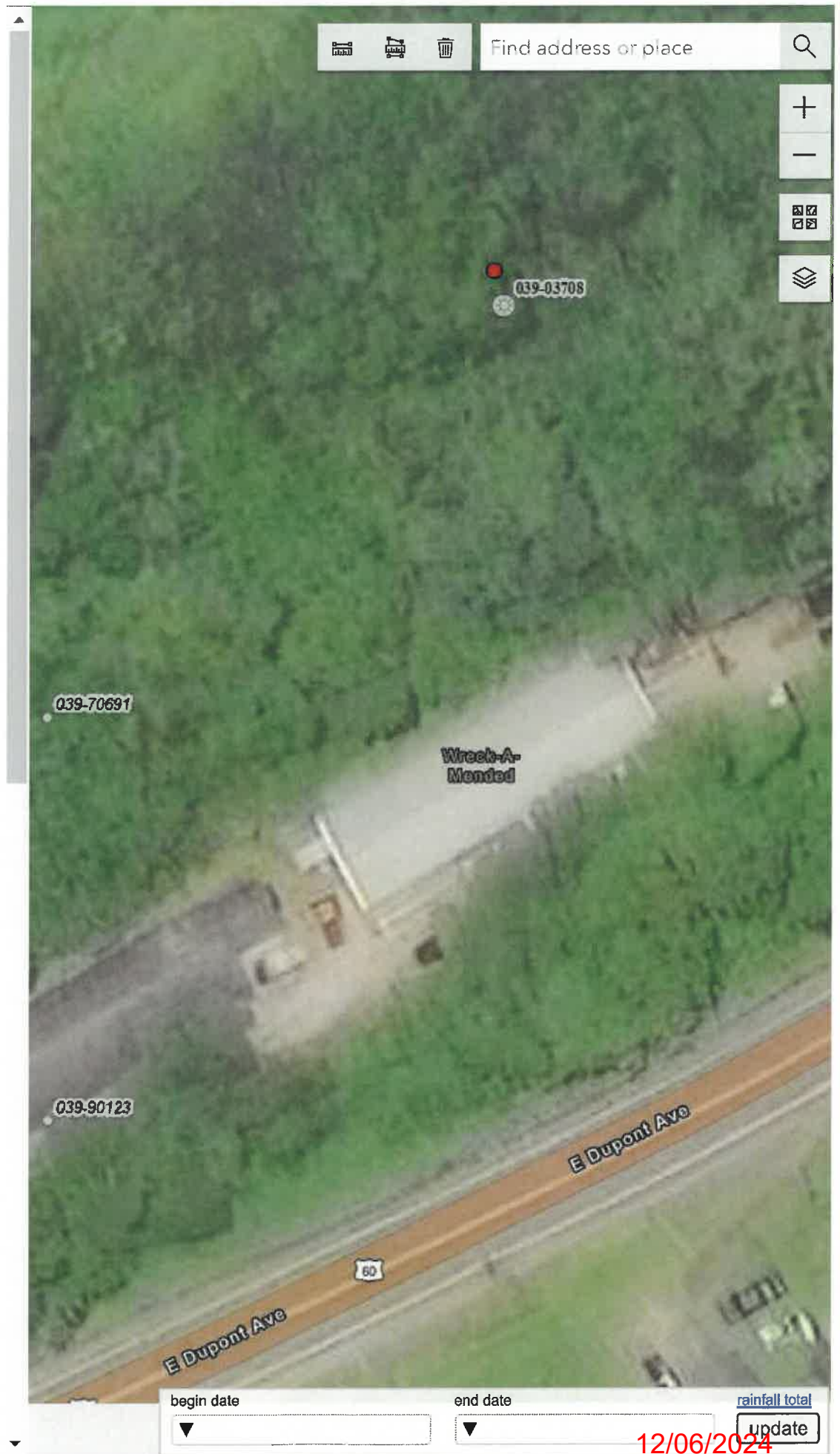
WellUse

-  Brine Disposal
-  Fluid Injection
-  Gas Production
-  House Gas
-  Observation
-  Oil Production
-  Production
-  Solution Mining
-  Storage
-  Vent
-  <all other values>

Wells, Other than Active Status

WellUse

-  Brine Disposal
-  Fluid Injection
-  Gas Production
-  House Gas
-  Observation
-  Oil Production
-  Production
-  Solution Mining



Oil&Gas

Wells, Horizontal Only

WellStatus

-  Active Well
-  Permit Issued
-  Permit Application
-  Plugged









Wells, Active Status Only

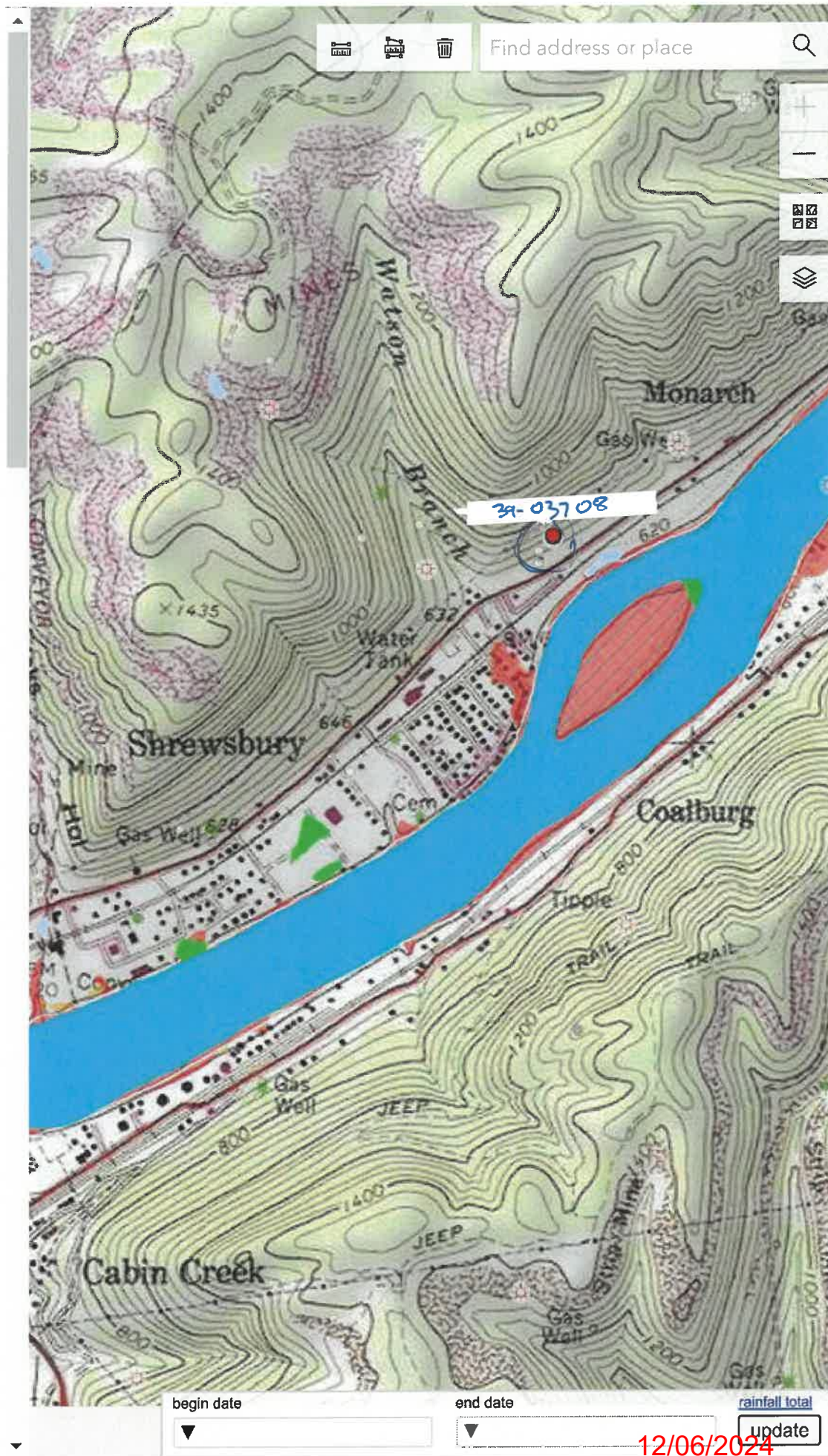
WellUse

-  Brine Disposal
-  Fluid Injection
-  Gas Production
-  House Gas
-  Observation
-  Oil Production
-  Production
-  Solution Mining
-  Storage
-  Vent
-  <all other values>

Wells, Other than Active Status

WellUse

-  Brine Disposal
-  Fluid Injection
-  Gas Production
-  House Gas
-  Observation
-  Oil Production
-  Production
-  Solution Mining



4703903708P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-039-03708 WELL NO.: M-4

FARM NAME: Smithers

RESPONSIBLE PARTY NAME: _____

COUNTY: Kanawha DISTRICT: Cabin Creek

QUADRANGLE: Montgomery CEDAR GROVE

SURFACE OWNER: Micky & Samantha Stewart

ROYALTY OWNER: Leroy Rashid

UTM GPS NORTHING: 4229562.2

UTM GPS EASTING: 459536.3 GPS ELEVATION: 640'

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]
Signature

CEO
Title

10-31-24
Date

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12/06/2024