



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

Thursday, August 25, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

PILLAR ENERGY, LLC
1244 MARTINS BRANCH RD

CHARLESTON, WV 25312

Re: Permit approval for 1
47-039-01797-00-00

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: 1
Farm Name: STRICKER, M. W., ETAL
U.S. WELL NUMBER: 47-039-01797-00-00
Vertical Plugging
Date Issued: 8/25/2022

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.

1) Date July 27, 2022
2) Operator's
Well No. Stricker #1
3) API Well No. 47-039 - 01787

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 1300.5' Watershed Blue Creek
District Elk County Kanawha Quadrangle Mammoth

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 Name Terry Urban
Address P.O Box 1207
Clendenin, WV 25045
9) Plugging Contractor Name To be determined
Address _____

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

See attached procedure *in Bone Log.*

*Operator to Core with API Approved Cement
All Oil & Gas Formation including Salt, Evaporite, Coals
Freshwater with 6% gel between all plugs*

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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 *Terry Urban* Date 8-8-22

Stricker #1
API# 47-039-01797
Elevation: 1300.5' GL
Latitude/Longitude: 38.372367, -81.341242

Stricker #1 Well Data (Drilled 09/1961)

Casing: 10-3/4" Conductor Csg @ 46' GL
8-5/8" Surface Csg @ 1290' GL - TOC ≈ 1000'
4-1/2" Production Csg @ 2359' GL - TOC 1800' FROM BORE LOC. 7MM
TD: 2383'
Perforations: F/ 2292' - T/ 2310', F/ 2114' - T/ 2126', F/ 2096' - T/ 2108',
Coal: 410' - 413'
Fresh Water Shows: 167'
Salt Water Shows: 1310'
Gas/Oil Shows: N/A

1300.5 ft
Elevation

Stricker #1 Procedure:

1. Notify State Inspector, Terry Urban - (304)-549-5915 - Terry.W.Urban@wv.gov 24 hours prior to commencing operations.
2. Prep Stricker #1 location.
3. MIRU service rig, steel pits, and other ancillary equipment.
4. RIH w/ work string to ~~1300'~~ TD
5. Pump 5 BBI 6% gel.
6. Set 300' cement plug F/ 2300' T/ 2000'. (Csg shoe @ 2359').
7. TOOH to 1000', WOC 8 hrs, RIH & tag plug, add cement if needed.
8. Circulate 6% gel from TOC to surface.
9. 4-1/2" Casing will be ~~ripped~~ ^{CUT} 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' across from location of ripped casing.
 - b. 200' plug F/ 1400' - T/ 1200'. Csg ripped or perforated at ~1300' if 4-1/2" csg is still present.
10. Attempt to POOH w/ 8-5/8" csg. 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' across from location of ripped casing.
 - b. 150' plug F/ 500' - T/ 350'. Csg ripped or perforated at 400' if csg is still present.
 - c. 250' plug F/ 250' - T/ surface. Csg ripped or perforated at 150' if csg is still present.
11. Erect a monument to WV DEP specifications (CSR 35-4-5.5 - sub "b").
12. Reclaim location and roads to WV DEP Specifications.

Free Point 1800'

Free Point ≈ 1000'

Will head with 6% gel
Before Plug

All cuts to be core with
Cement

cut 876' ≈ 1000'

Operator to Core with Cement All O.I.E Coas
Pits and products with Cement including to but not
limited to Salt, Elevation, Coal, Freshwater zone

[Signature]
8/8/22

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WV Department of
Environmental Protection
09/02/2022



WELLBORE SCHEMATIC

Well Information:

Well Name:	Stricker 1	Company / Partnership:	Pillar Energy LLC
County / State:	Kanawha/WV	API Number:	47-039-01797
District / Township:	Elk	AFE Number:	
Target:	Big Lime	Cost Center:	
Lat:	38.350646	Pool Code	
Long:	-81.407922	DTD / LTD:	2383

Surveys	Hole Size	Formations	Depths (KB)	SPUD DATE: TD DATE:	9/16/1961 9/26/1961	Casings	Cement	Shows
				Elevation: 1300.5'				10-3/4" @ 46', Cemented w/ 25 sx
		FW show @ 167' Coal @ 410'						NOT CTS Must Pull
		TOC ≈ 1000'						8-5/8" surf csg @ 1290' GL, Cemented w/ 50 sx
		SW show @ 1310'						Perfs @ 2096' - 2108' & 2114' - 2126' Perfs @ 2292' - 2310'
								4-1/2" prod. Csg @ 2359' GL cemented w/ 125 sx cement
								TD @ 2384'

Completion Information

	Target:	Weir	Completion Date:	10/17/1961
Top Perforation (ft):	Frac Type/Fluid:		Breakdown:	psi
Bottom Perforation (ft):	Foam Quality:		Pre-ISIP:	psi
No. of Shots:	BD Acid Volume:	gal.	MTP:	psi
Charge (gram):	Treatment Volume:	gal.	ATP:	psi
Perf Diameter:	Sand mesh size:	mesh	ISIP:	psi
Penetration:	Sand Volume:	sacks	5-min SIP	psi
Phasing:	Ave. Treatment Rate:	bpm	10-min SIP	psi

Remarks:

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4703901797

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Clendenin

Permit No. KAN-1797

WELL RECORD

Oil or Gas Well Gas

Company United Producing Company, Inc.
Address Box 1913, Charleston 27, West Virginia
Farm M. W. Stricker et als Acres 100
Location (waters) Rockcamp Fork of Blue Creek
Well No. 1 (3329) Elev. 1309' KB
District Elk County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by M. W. Stricker et als
132 Stricker Road, Charleston 4, W. Va.
Drilling commenced September 16, 1961
Drilling completed September 26, 1961
Date shot From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED See note
WELL FRACTURED See note

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
10			Kind of Packer
12 3/8"	46'	46'	
10			Size of
8 5/8"	1290'	1290'	
8 3/4"			Depth set
5 3/16"			
8x 1 1/2"	2359'	2359'	Perf. top <u>See note</u>
"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

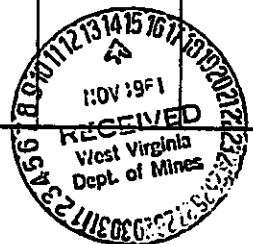
CASING CEMENTED 10 3/4" SIZE 25 EX. 9-17-61
8 5/8" SIZE 50 EX. 9-22-61 Date
1 1/2" SIZE 125 EX. 9-26-61

COAL WAS ENCOUNTERED AT 110 FEET 36 INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT See note
ROCK PRESSURE AFTER TREATMENT 72 hours - 490 p.s.f.
Fresh Water 167 Feet Salt Water 1310 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	27			
Limestone	Gray		27	46			
Limo		Shaly	46	83			
Lime & Sand			83	167	Fresh water	167'	
Sand			167	110			
Coal			110	113			
Sand			113	545			
Sand & Shale			545	828			
Shale & Shells			828	977			
Sandy Shale & Shells			977	1170			
Sand	White		1170	1250			
Shale	Black		1250	1270			
Sand	White		1270	1290			
Sand	White		1290	1565	Salt water	1310'	Est. 2 1/2 BPHr. (gas show)
Shale	Black		1565	1600			
Sand	White		1600	1635			
Shale	Black		1635	1650			
Sand - some shells			1650	1760			
Shale	Red		1760	1780			
Shale	Black		1780	1795			
Sand & Shells			1795	1845			
Shale	Dark		1845	1862			
Marion Sand			1862	1904			
Lime & Sand			1904	1956			
Big Lime			1956	2138			
Shale	Red		2138	2180			
Sand		Shaly	2180	2248			
Weir Sand			2248	2318			
Shale		Sandy	2318	2340			
Shale	Black		2340	2380 T.D.			

TOTAL DEPTH (over) 2383' KB



09/02/2022

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
TOTAL DEPTH				2383' KE			
<p>Notes:</p> <p>10-4-61 Perforated $\frac{1}{2}$" with 73 shots 2292-2310'.</p> <p>10-6-61 Fractured with 500 gals. mud acid, 15,000 lbs. sand and 150 bls. treated water. No results.</p> <p>10-16-61 Set Baker Plug at 2250'. Perforated $\frac{1}{2}$" 2096-2103' with $\frac{1}{2}$ shots per foot & 2114-2126' with $\frac{1}{2}$ shots per foot.</p> <p>10-17-61 Treated with 15,000 gals. 5% thickened acid and 15,000 lbs. sand.</p> <p>Final open flow 504,000 cu. ft. - Big Line.</p> <p>72 hour rock pressure 490 p.s.i.</p>							

Date November 9 1961

APPROVED UNITED PRODUCING COMPANY, INC. Owner

By [Signature]
Vice (Title) President

4703901797P

WW-4A
Revised 6-07

1) Date: 7/27/2022
2) Operator's Well Number
Stricker #1

3) API Well No.: 47 - 039 - 01797

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>Rafael Terrero</u>	Name <u>Union Carbide Corporation</u>
Address <u>2711 Ambrosia Ct #F</u>	Address <u>P.O. Box 8361</u>
<u>Apopka, FL 32703</u>	<u>South Charleston, WV 25303</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
(c) Name _____	Address _____
Address _____	Name _____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name _____
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</u>	

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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.



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Anita E. Kirk
783 Stringers Branch Road
Peytona, WV 25154
My Commission Expires June 9, 2024

Well Operator	<u>Pillar Energy LLC</u>
Name	<u>Jeff Isner</u>
Title	<u>President & CEO</u>
Address	<u>1244 Martins Branch Rd</u>
	<u>Charleston, WV 25312</u>
Telephone	<u>681-205-8599</u>

Subscribed and sworn before me this 2nd day of August 2022
Anita E. Kirk Notary Public
My Commission Expires June 9, 2024


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.

09/02/2022

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 checked="" type="checkbox"/> <i>Dan Muto</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="font-size: 1.2em;">Union Carbide Corporation PO Box 8361 South Charleston WV 25303</p>  <p>9590 9402 7179 1284 0764 42</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail</p>
<p>2. Article Number (Transfer from service label)</p> <p style="font-size: 1.2em;">7021 0950 0000 9774 9811</p>	<p>Mail Restricted Delivery (00)</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	

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 Office of Oil and Gas
 AUG 18 2022
 WV Department of Environmental Protection

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 checked="" type="checkbox"/> <i>Rafael Terrero</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery <u>8-5</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="font-size: 1.2em;">Rafael Terrero 2711 Ambrosia Ct #F Apopka FL 32703</p>  <p>9590 9402 7179 1284 0764 35</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail</p>
<p>2. Article Number (Transfer from service label)</p> <p style="font-size: 1.2em;">7021 0950 0000 9774 9804</p>	<p>Mail Restricted Delivery (10)</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	

SURFACE OWNER WAIVER

Operator's Well
Number

Stricker #1

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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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,
ETC.

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

Signature

Date
09/02/2022

WW-4B

API No. 47-039-01797
 Farm Name M.W. Stricker
 Well No. Stricker #1

**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 _____

4703901797P

WW-9
(5/16)

API Number 47 - 039 _01797
Operator's Well No. Stricker #1

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) Blue Creek Quadrangle Mammoth

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 TY

SEE WW-9 OPP

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? WILL USED FLOW BACK TANKS TO CONTAIN EFFLUENT AND DISPOSE OF OFF-SITE.

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? _____

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

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

West Virginia Department of
Environmental Protection

-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 Jeff Isner

Company Official (Typed Name) Jeff Isner

Company Official Title President & CEO

Subscribed and sworn before me this 2ND day of August

[Signature]

My commission expires June 9, 2024



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Anita E. Kirk
783 Stringers Branch Road
Peytona, WV 25154

My Commission Expires 09/02/2022

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 2 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: _____

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WV Department of
Environmental Protection

Title: CEO [Signature] Date: 8.8.22

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): Blue Creek Quad: Mammoth
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.

Closet Water - Blue Creek ~3350'

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

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Environmental 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.

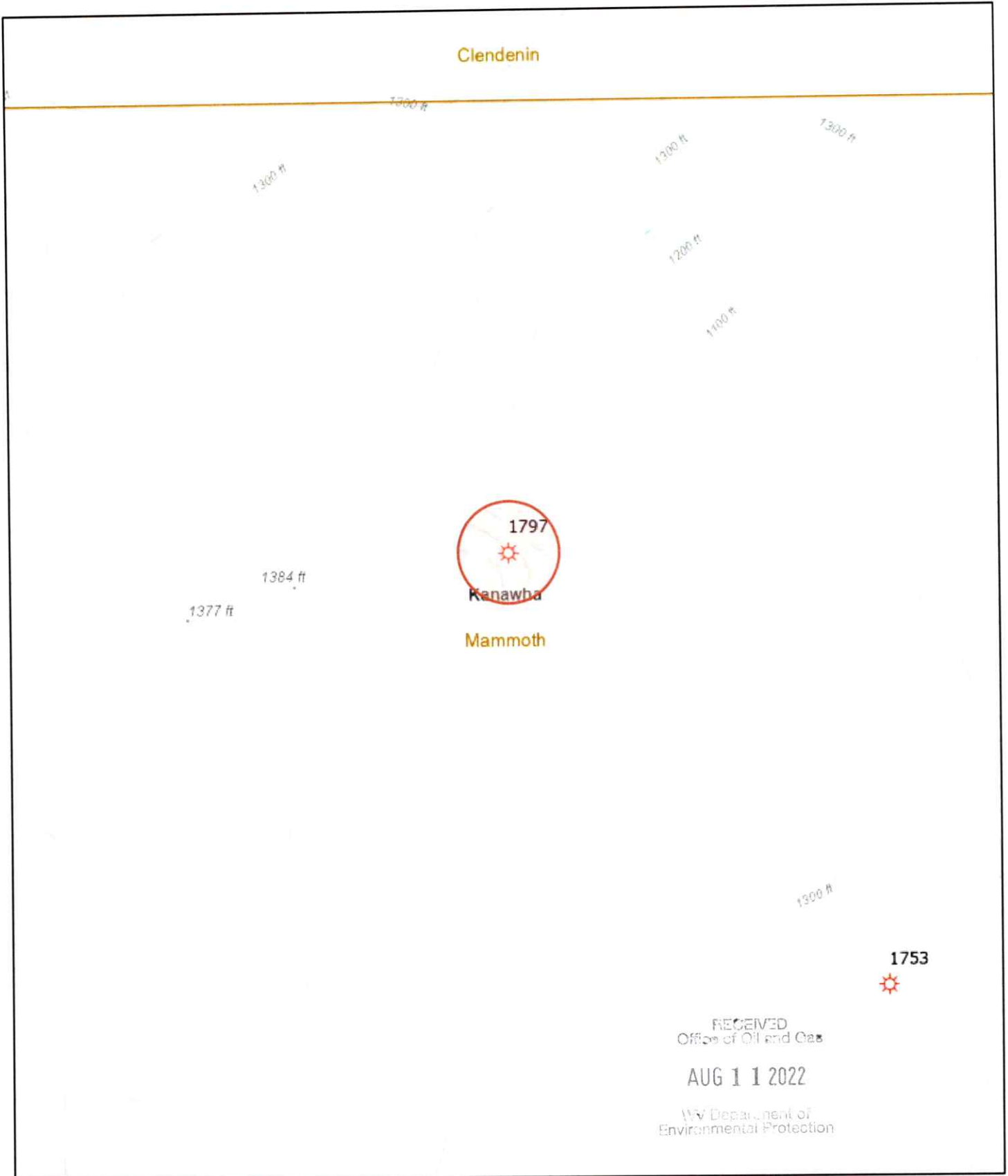
8. Provide provisions and frequency for inspections of all GPP elements and equipment.

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WV Dept. of Environmental Protection

Signature: _____

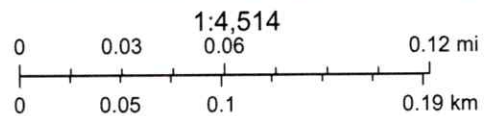
Date: _____

Stricker #1 Location Map 47 0 3 9 0 17 97 P



7/27/2022, 4:26:23 PM

- Labels (7.5' Quadrangles) Counties
- 7.5' Quadrangles
- State Boundary
- County Labels
- WV Oil and Gas All Individual Wells



09/02/2022

4703901797P

WW-7
8-30-06



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

API: 47-039-01797 WELL NO.: Stricker #1

FARM NAME: M. W. Stricker

RESPONSIBLE PARTY NAME: _____

COUNTY: Kanawha DISTRICT: Elk

QUADRANGLE: Mammoth

SURFACE OWNER: Rafael Terrero

ROYALTY OWNER: Rafael Terrero

UTM GPS NORTHING: 4247185.5

UTM GPS EASTING: 470192.3 GPS ELEVATION: 1300.5'

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 _____

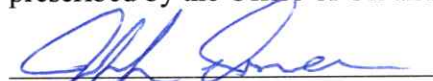
Real-Time Differential _____

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

Date

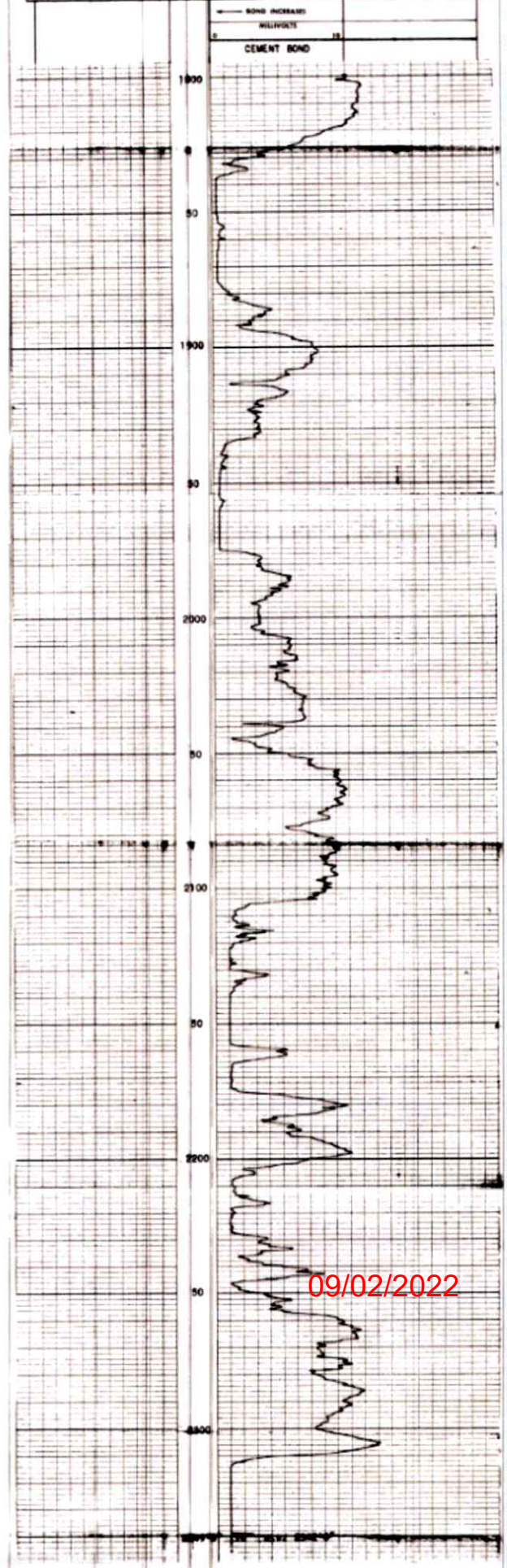
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Office of Oil and Gas
AUG 11 2022
WV Department of
Environmental Protection

09/02/2022

4702101640

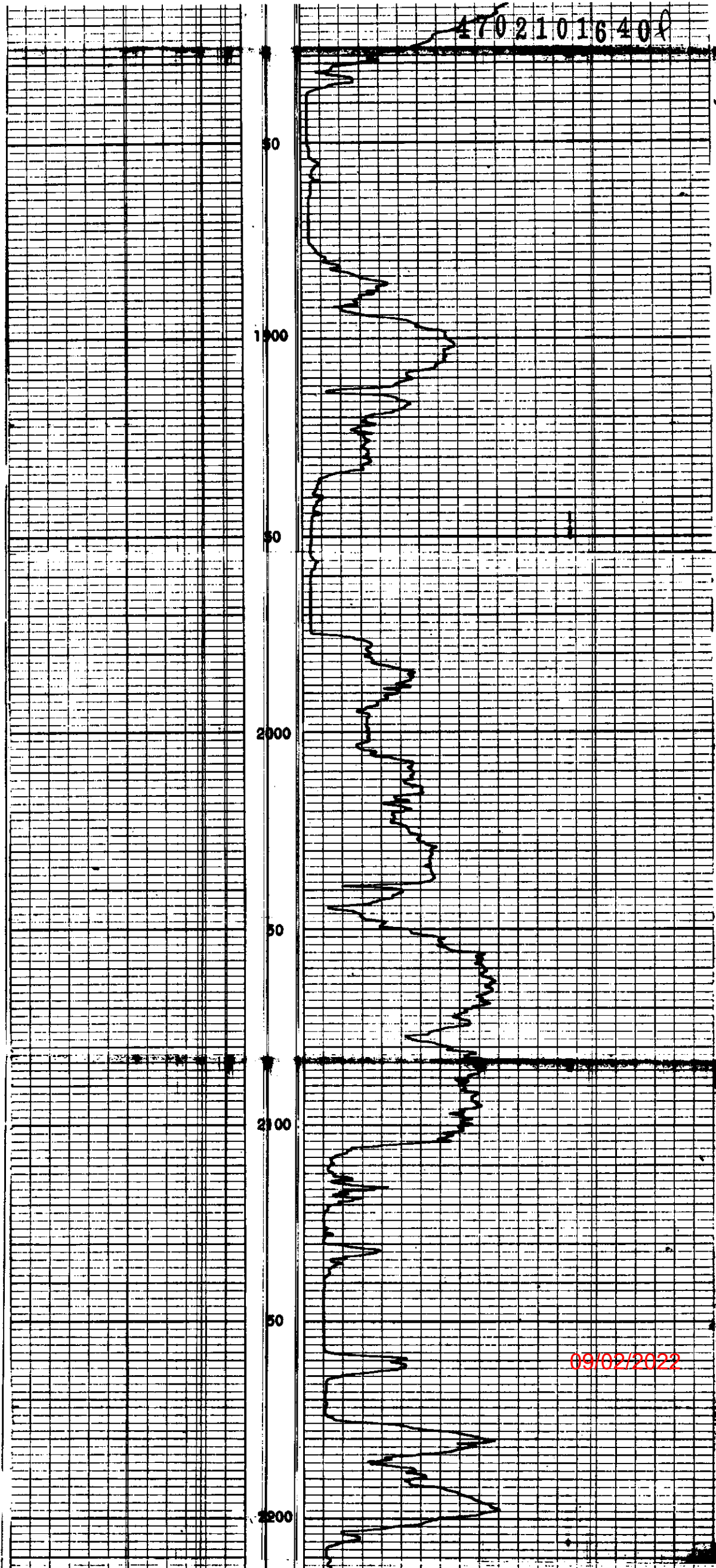
COMPANY: UNITED PRODUCTION CO., INC. WELL: SHIPCHER #1 COUNTY: HANOVER STATE FIELD: N. VA. LOCATION:	DATE: 10/2/81 TIME: 10:00 AM DEPT: 20-02 OPER: J. A. SHERIDAN SUPERVISOR: J. A. SHERIDAN LOCATION: 44 SHERIDAN WASHINGTON ST.

EQUIPMENT DATA		CEMENTING DATA	
RUN NO.	128	TYPE WELL	
TOOL NUMBER	2-278	TYPE CEMENT	
BIAM	10	AMOUNT CEMENT	
WELL FT. FROM		WEIGHT SLURRY	
SPACING	D-10	ADJUSTIVE	
SCALE		PERCENT ADJUSTIVE	
		TOTAL SLURRY VOLUME	
GENERAL			
MIXER TRUCK NO.	124	REFERENCE LITERATURE	
POST OFFICE NO.	250		
TOOL SERIAL NO.			
STATION	CHARLESTON, VA. VA.		
REMARKS			



09/02/2022

4702101640



50

1500

50

2000

50

2500

50

2200

09/02/2022



Kennedy, James P <james.p.kennedy@wv.gov>

Plugging permit issued 4703901797

1 message

Kennedy, James P <james.p.kennedy@wv.gov>

Thu, Aug 25, 2022 at 11:36 AM


To: Terry W Urban <terry.w.urban@wv.gov>, Trevor Schaffer <Trevor.Schaffer@pillarenergy.com>, tori.mcgregor@pillarenergy.com, sallierobinson@kanawha.us

To whom it may concern, a plugging permit has been issued for 4703901797.

James Kennedy

WVDEP OOG

2 attachments

 **4703901797.pdf**
3052K

 **IR-8 Blank.pdf**
237K

09/02/2022