



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

Friday, March 17, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 4
47-091-00075-00-00

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:
Farm Name: CATHERS, D. L., ETAL
U.S. WELL NUMBER: 47-091-00075-00-00
Vertical Plugging
Date Issued: 3/17/2023

Promoting a healthy environment.

03/17/2023

4709100075

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. 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.
2. Well work activities shall not constitute a hazard to the safety of persons.

03/17/2023

4709100075
1) Date January 27, 2023
2) Operator's
Well No. D.L. Cathers #4
3) API Well No. 47-091 - 00075

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 ____

5) Location: Elevation 1,439.55' Watershed Berry Run
District Flemington County Taylor Quadrangle Rosmont

6) Well Operator Unknown-DEP Paid Plugging Contract 7) Designated Agent H. Jason Harmon
Address 601 57th Street, SE Address 601 57th Street, SE
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified Name Kenneth Greynolds 9) Plugging Contractor
Address 613 Broad Run Road Name Coastal Drilling East
Jane Lew, WV 26378 Address 130 Meadow Ridge Road
Mount Morris, PA

10) Work Order: The work order for the manner of plugging this well is as follows:
Check Pressures on all casing with a gauge. Begin plugging and abandonment operations.
Load 5 1/2 Casing with fresh water. RU Wireline. Run CBL on 5 3/16" casing from 1640' surface.
Determine free point on casing.
If 5.5" free point is below elevation(1440'). Set plug only up to free point and pull 5.5: from the free point.
TIH w. tubing to 1640', set 240' Class L cement plug from 1640' to 1400'. TOOH w. tubing. WOC. Tag TOC.
Cut 5 3/16" csg. At free point 5 3/16 TOOH with casing. TIH w. tubing to 1400', set 100' Class L cement plug from 1400' to 1300'.
TIH w. tubing to 1050' gel hole 1300' to 1050'. WOC. Tag Cement plug. TIH w. tubing to 1050', set 325' Class L cement plug 1000' to 675'. (Fresh Water @ 945' and 785')
TTOOH w. tubing to 675' gel hole 675' to 200'. WOC. Tag Cement plug. TOOH w. tubing to 200', set 200' Class L cement plug 200' to 0'.

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Office of Oil and Gas
JAN 30 9 2023
WV Department of
Environmental Protection

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

Work order approved by inspector Kenneth J. Greynolds Date 3-3-23

03/17/2023



RETURNED TO WELL OPERATOR AND/OR FURNISHER

Number 4, 1963

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

NO Coal
COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

A. L. Cather & Cather
OWNER OF MINERAL RIGHTS

Flemington, W. Va.
ADDRESS

GEORGE W. MOSES
NAME OF WELL OPERATOR

P.O. Box 309, CHARLESBURG, W.VA.
COMPLETE ADDRESS

AUGUST 10, 1963

PROPOSED LOCATION

FLEMINGTON District

TAYLOR County

Well No. 8-25-4 39° 20' 50.05' E 1440'

D.L. CATHERS & TALBOTT
504 acres

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Feb 20, 1963

made by D.L. CATHERS ET AL to EQUITABLE GAS COMPANY, and recorded on the 27th day of March, 1963, in the office of the County Clerk for said County in Book 26, page 349 and assigned to George W. Moses Feb 28, 1963.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting Office of Oil and Gas coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, in the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

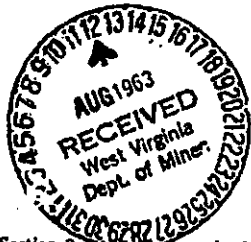
George W. Moses
WELL OPERATOR

P.O. Box 309
STREET

Charlestown
CITY OR TOWN

W. Va.
STATE

Address of Well Operator



*Section 3... If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

BOND DRILL

July-75 TAY-75 PERMIT NUMBER

RECEIVED
MAR 09 2023
Department of Environmental Protection



4709100075

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 23

Quadrangle Fairmont

Permit No. TAY-75

WELL RECORD

Oil or Gas Well Gas

Company George W. Moses
Address Box 309, Clarksburg, W. Va.
Farm D. L. Cather et al Acres 504
Location (waters) _____
Well No. Four Elev. 1440
District Flemington County Taylor
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by D. L. Cather et al
Flemington Address W. Va.
Drilling commenced 8-17-63
Drilling completed 9-17-63
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 31,000 Cu. Ft.
Rock Pressure Not taken lbs. _____ hra.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED 800 Bbl water, 1000 gals acid, 42000# sand

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size	16	16	Kind of Packer
16			
13			
10	247	None	Size of
8 1/2	845	None	
6 3/4	1340	None	Depth set
5 3/16	1665	1665	
3			Perf. top <u>1598</u>
2			Perf. bottom <u>1602</u>
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 5-1/2 size No. Ft. 9-12-63 Date
16 sack cement (3 sack aquajel)

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 550,000
ROCK PRESSURE AFTER TREATMENT 350
Fresh Water 925 feet Salt Water NONE feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	10			
Slate			10	50			
Red Rock			50	70			
Slate			70	80			
Red Rock			80	95			
Slate			95	155			
Lime			155	175			
Red Rock			175	192			
Lime			192	212			
Red Rock			212	220			
Slate			220	245			
Lime			245	250			
slate			250	260			
Red Rock			260	311			
Slate & Shells			311	340			
Red Rock			340	400			
Slate			400	480			
Sand			480	486			
Slate			486	540			
Sand			540	610			
Slate			610	620			
Sand			620	640			
Slate			640	818			
Lime			818	840			
Sand			840	848			
Slate			848	862			
Lime			862	880			
Slate			880	896			
Snad			896	985	Water	925	
Slate			985	1025			

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West Virginia
Dept. of Mines

(over)

4709100075

Formation	Color	Hard or Soft	Top \pm	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1025	1185			
slate			1185	1214			
Red Rock			1214	1240			
Lime			1240	1243			
Red Rock			1243	1285			
Lime			1285	1345			
Red Rock			1345	1389			
Slate & Shells			1389	1416			
Red Rock			1416	1430			
Slate			1430	1445			
L. Lime			1445	1465			
Slate and Shells			1465	1497			
Big Lime			1497	1558			
Keener Sand			1558	1583			
Injun Sand			1583	1651	Gas	1598-1602	
Slate			1651	1665			
Total Depth			1665				

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MAR 09 2023
WV Department of
Environmental Protection

Date _____ 19__

APPROVED _____ Owner

By _____ (Title)

03/17/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

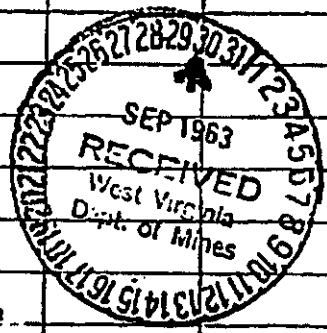
INSPECTOR'S WELL REPORT

Permit No. TA 9-75

Oil or Gas Well _____
(KIND)

Company GEORGE W ROSE
Address CHALKSTONE, WV
Farm D.L. CATHERS - ET AL
Well No. 8.5-191
District FLEMING County TAYLOR
Drilling commenced _____
Drilling completed _____ Total depth _____
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Taper
13			
10			Size of
8 3/4			
6 3/4			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom



Volume _____ Cu. Ft.
Rock pressure _____ lbs _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ Date _____
NAME OF SERVICE COMPANY _____
RECEIVED BY _____
Oil and Gas
MAR 05 2023
WV Department of Environmental Protection
ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Drillers' Names _____

Remarks: FINAL inspection for - Road Release
Cased off - NOT TIED INTO LINE

Sept 25, 1963
DATE

William J. ...
DISTRICT WELL INSPECTOR

W.F. Eigenbrod
Director

November 4, 1963
"Centennial Year"

Mr. George W. Moses
P. O. Box 390
Clarksburg, West Virginia

Dear Mr. Moses:

The final inspection report for your Well No. 4 on the D. L. Cathers, et al Farm, Flemington District, Taylor County, has been received in our office. The drilling was done under Permit TAY-75.

We are, today, stamping your Bond with the release date and are returning it to you.

Please notify your Bonding Company that we have released your Bond.

Yours very truly,

Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

sm
Enclosure

RECEIVED
Office of Oil and Gas
MAR 09 2023
WV Department of
Environmental Protection

4709100075



State of West Virginia
Department of Mines
Charleston 5

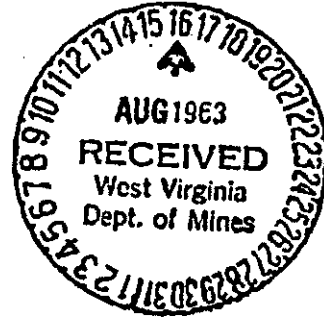
August 12, 1963

"Centennial"

W. F. Eigenbrod

~~XXXXXXXXXX~~
DIRECTOR

ELMER C. WORKMAN
DEPUTY DIRECTOR



Mr. George W. Moses
P. O. Box 309
Clarksburg, West Virginia

Dear Mr. Moses:

We are returning the OG-1 Form, Notice of Proposed Location of Oil and Gas Well and the Well location map submitted to this department for approval, because you have failed to submit a \$1,000.00 Bond and/or Blanket Bond as necessary by Article 4, Section 2, Chapter 22 of the West Virginia Code. Your application for a permit, Form OG-1 and Well location map are in order.

After you have obtained the necessary Bond, please re-submit all three when you apply for a permit to drill. Copy of our new Booklet enclosed covering laws, rules and regulations. Also enclosed, our Bond form No. 23 covering drill, re-drill or deepening.

When we have received the Bond and you re-submit OG-1 form and well location map, we will be glad to issue permit for your No. 4 Well on the Cathers farm situated in Flemington district, Taylor County, West Virginia.

Very truly yours,

Guthrie Wamock
Guthrie Wamock
Executive Secretary
OIL & GAS DIVISION

GW:fhs
Enclosures - Oil & Gas Laws
Bond Forms

Office RECEIVED
Oil and Gas
MAR 09 2023
WV Department of
Environmental Protection

03/17/2023

WW-4A
Revised 6-07

4709100075

1) Date: 01/27/2023
2) Operator's Well Number
D.L. Cathers #4
3) API Well No.: 47 - 091 - 00075

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

4) Surface Owner(s) to be served: (a) Name Linda Cather, Address 2117 Berry Run Road, Flemington, WV 26347. (b) Name Elizabeth Bice, Address 861 Terri Dr., Xenia, OH 45385. (c) Name Brenda Cather, Address PO Box 124, Kingmont, WV 26578. 5) (a) Coal Operator Name, Address. (b) Coal Owner(s) with Declaration Name Linda Cather, Address 2117 Berry Run Road, Flemington, WV 25347. (c) Coal Lessee with Declaration Name, Address. 6) Inspector Kenneth Graynolds, Address 613 Broad Run Road, Jane Lew, WV 26378, Telephone 1-304-314-8086.

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

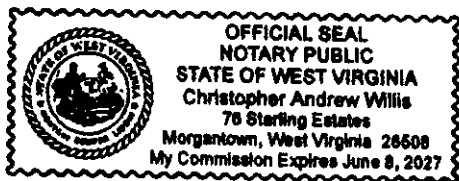
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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 the 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.

RECEIVED
Office of Oil and Gas

MAR 09 2023



Well Operator Unknown-DEP Paid Plugging Contract
By: Matthew Yearsley
Its: Plugging Contractor
Address 130 Meadow Ridge Road, Mt Airy, PA 15349
Telephone 304-291-0175

WV Department of Environmental Protection

Subscribed and sworn before me this 1 day of March 2023
My Commission Expires June 8, 2027

Notary Public

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.

03/17/2023



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone (304) 926-0450

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

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

IN THE MATTER OF A VARIANCE FROM LEGISLATIVE RULE 35CSR4 SECTION 14.1. AND LEGISLATIVE RULE 35CSR8 SECTION 20.1, RELATING TO THE CEMENTING OF OIL AND GAS WELLS)))))))	ORDER NO. 2022-13
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REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

4709100075

Surface Owner Proof of Application sent by Certified Mail

D.L Cathers #4

47-091-00075

7019 2970 0000 9288 9584

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Fledgling # 26347

Certified Mail Fee	\$4.15
Extra Services & Fees (check box, add fee)	\$7.75
<input type="checkbox"/> Return Receipt (hardcopy)	\$10.00
<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	\$2.94
Total Postage and Fees	\$10.44

0098 03
Postmark Here
03/07/2023

Sent To: **Ms. Linda Cather**
Street and Apt. No., or PO Box No.
217 Sunny Run Road
City, State, ZIP+4®
Hemington, NV 24647

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 2970 0000 9288 9591

**U.S. Postal Service™
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Official USE

Xenia OH 45385

Certified Mail Fee	\$4.15
Extra Services & Fees (check box, add fee)	\$3.75
<input type="checkbox"/> Return Receipt (hardcopy)	\$10.00
<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	\$1.98
Total Postage and Fees	\$9.48

0098 03
Postmark Here
03/07/2023

Sent To: **Ms. Elizabeth Biel**
Street and Apt. No., or PO Box No.
Stel Tom Dr.
City, State, ZIP+4®
Xenia, OH 45385

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 2970 0000 9288 9492

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Kinross # 26978

Certified Mail Fee	\$4.15
Extra Services & Fees (check box, add fee)	\$7.75
<input type="checkbox"/> Return Receipt (hardcopy)	\$10.00
<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	\$1.98
Total Postage and Fees	\$9.48

0098 03
Postmark Here
03/07/2023

Sent To: **Ms. Brenda Cather**
Street and Apt. No., or PO Box No.
PO Box 124
City, State, ZIP+4®
Hemington, NV 24647

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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Office of Oil and Gas

MAR 09 2023

WV Department of
Environmental Protection

03/17/2023

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

Operator Name Unknown-DEP Paid Plugging Contract OP Code _____

Watershed (HUC 10) Berry Run Quadrange Rosemont

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (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: Yes, Gel will be circulated from tank through well bone.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Freshwater gel and/or cement

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

Additives to be used in drilling medium? Bentonite, Bicarbonate of soda

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Office of Oil and Gas

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

MAR 09 2023

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

WV Department of
Environmental Protection

-Landfill or offsite name/permit number? Meadowfill, Landfill-permit number #SWF 1032

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]

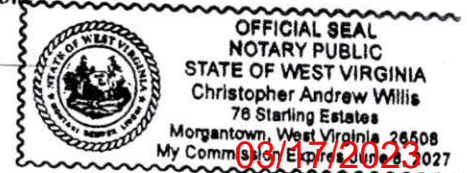
Company Official (Typed Name) Matthew A. Parsley

Company Official Title Business operations Manager

Subscribed and sworn before me this 1 day of March, 20 23

[Signature] Notary Public

My commission expires June 8, 2023



Proposed Revegetation Treatment: Acres Disturbed 0.12 Prevegetation pH 6.5

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

See attached

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.

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Photocopied section of involved 7.5' topographic sheet.

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Plan Approved by: Thomas L. Reynolds

Comments: RECLAIM, SEED & MULCH ASAP

Title: OIL & GAS INSPECTOR

Date: 2-24-23

Field Reviewed? Yes No

4709100075

CAUDILL SEED

CAUDILL SEED
[Illegible text]

CAUDILL SEED
[Illegible text]

CAUDILL SEED
[Illegible text]

CAUDILL SEED
[Illegible text]

CAUDILL SEED
[Illegible text]

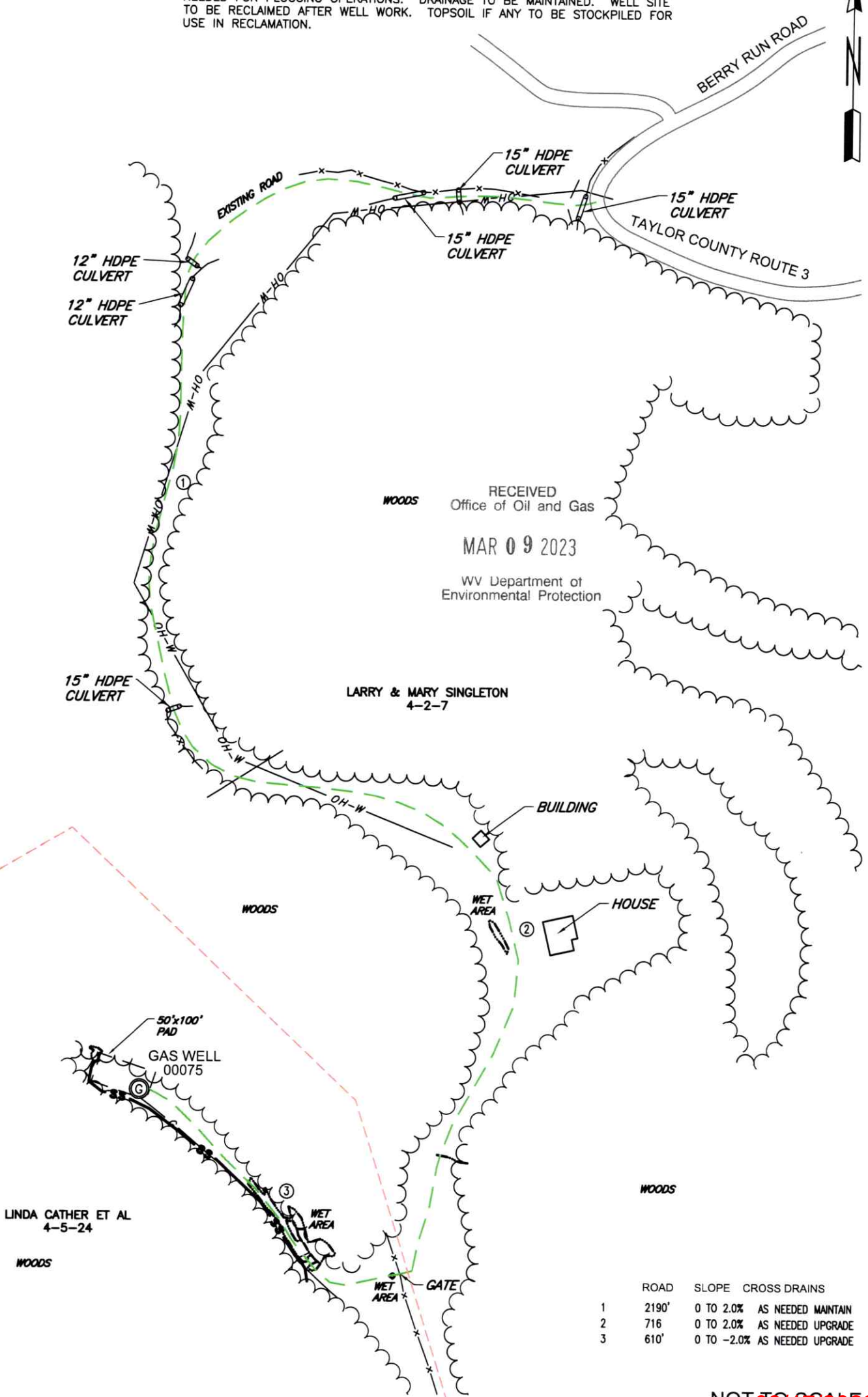
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ACCESS TO THE WELL SITE WILL BE GAINED USING AN EXISTING ACCESS ROAD OFF OF TAYLOR COUNTY ROUTE 3. 2,190 FEET OF EXISTING ACCESS ROAD TO BE MAINTAINED AND 1,326 FEET OF EXISTING ACCESS ROAD TO BE UPGRADED AS NEEDED FOR PLUGGING OPERATIONS. DRAINAGE TO BE MAINTAINED. WELL SITE TO BE RECLAIMED AFTER WELL WORK. TOPSOIL IF ANY TO BE STOCKPILED FOR USE IN RECLAMATION.

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LARRY & MARY SINGLETON
4-2-7

LINDA CATHER ET AL
4-5-24

ROAD	SLOPE	CROSS DRAINS
1	2190'	0 TO 2.0% AS NEEDED MAINTAIN
2	716'	0 TO 2.0% AS NEEDED UPGRADE
3	610'	0 TO -2.0% AS NEEDED UPGRADE

NOT TO SCALE 03/17/2023

LEGEND:

- ⊙ EXISTING / PRODUCING WELLHEAD
- ⊕ EXISTING POWER POLE
- PROPERTY LINE
- SILT FENCE
- OVERHEAD ELECTRIC
- STREAM
- TREE LINE
- DRAINAGE
- LANDING PAD
- ACCESS

NOTES

1. NO PIT WILL BE CONSTRUCTED. TANKS WILL BE USED FOR FLUIDS.

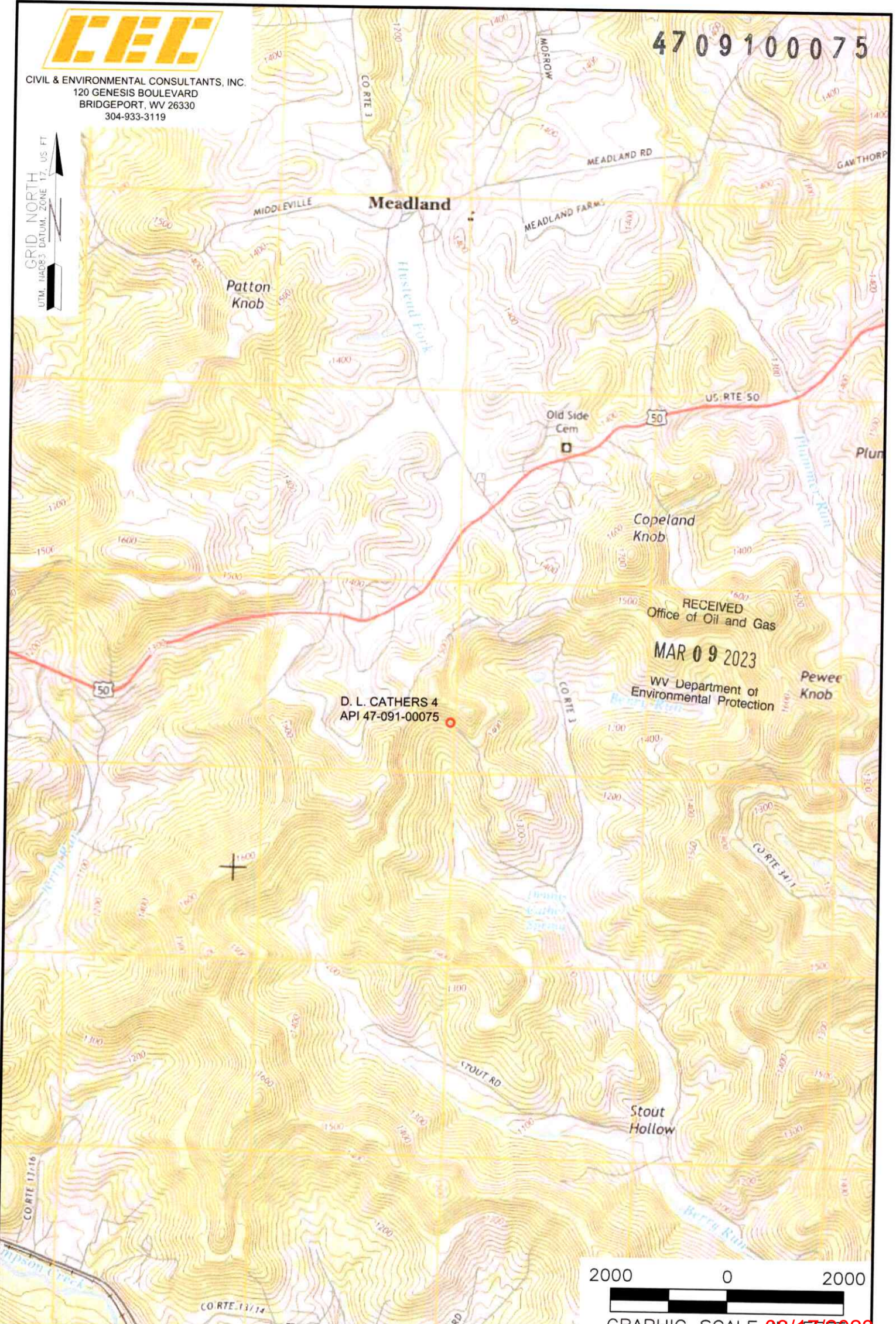
WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WDEP		WELL (FARM) NAME: D. L. CATHERS		WELL # 4
ADDRESS: 601 57TH STREET, SE CHARLESTON, WV 25304		COUNTY - CODE TAYLOR - 091	DISTRICT; FLEMINGTON	
SURFACE OWNER: LINDA F. CATHER ET AL		USGS 7 1/2 QUADRANGLE MAP NAME ROSEMONT, WV		



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 120 GENESIS BOULEVARD
 BRIDGEPORT, WV 26330
 304-933-3119

4709100075

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



D. L. CATHERS 4
 API 47-091-00075

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 Environmental Protection

2000 0 2000

GRAPHIC SCALE 08/17/2023

NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

○ EXISTING SURFACE HOLE

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP		WELL (FARM) NAME: D.L. CATHERS		WELL # 4
ADDRESS: 601 57TH STREET, SE, CHARLESTON, WV 25304		COUNTY - CODE TAYLOR - 091	DISTRICT; FLEMINGTON DISTRICT	
SURFACE OWNER: LINDA CATHER ET AL 363.63± ACRES		USGS 7 1/2 QUADRANGLE MAP NAME ROSEMONT, WV		

Latitude: 39°20'00"

SURFACE HOLE 8104

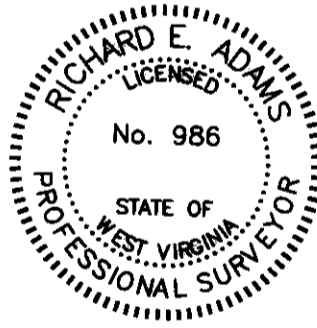
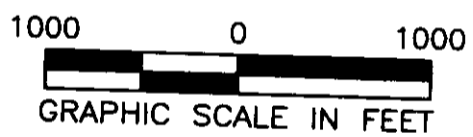
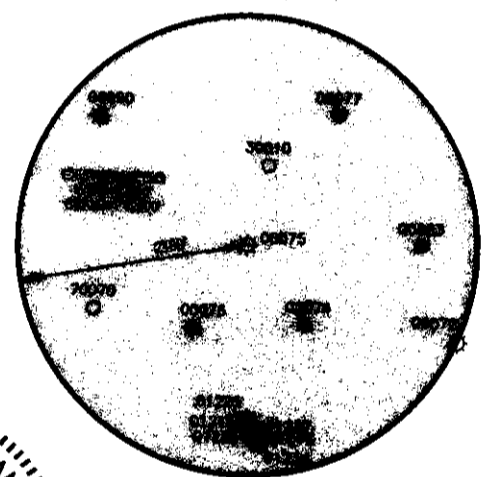
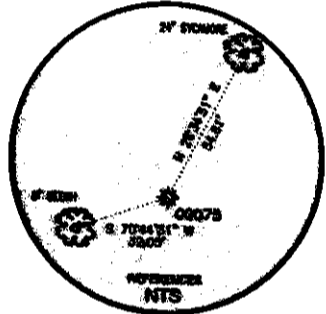
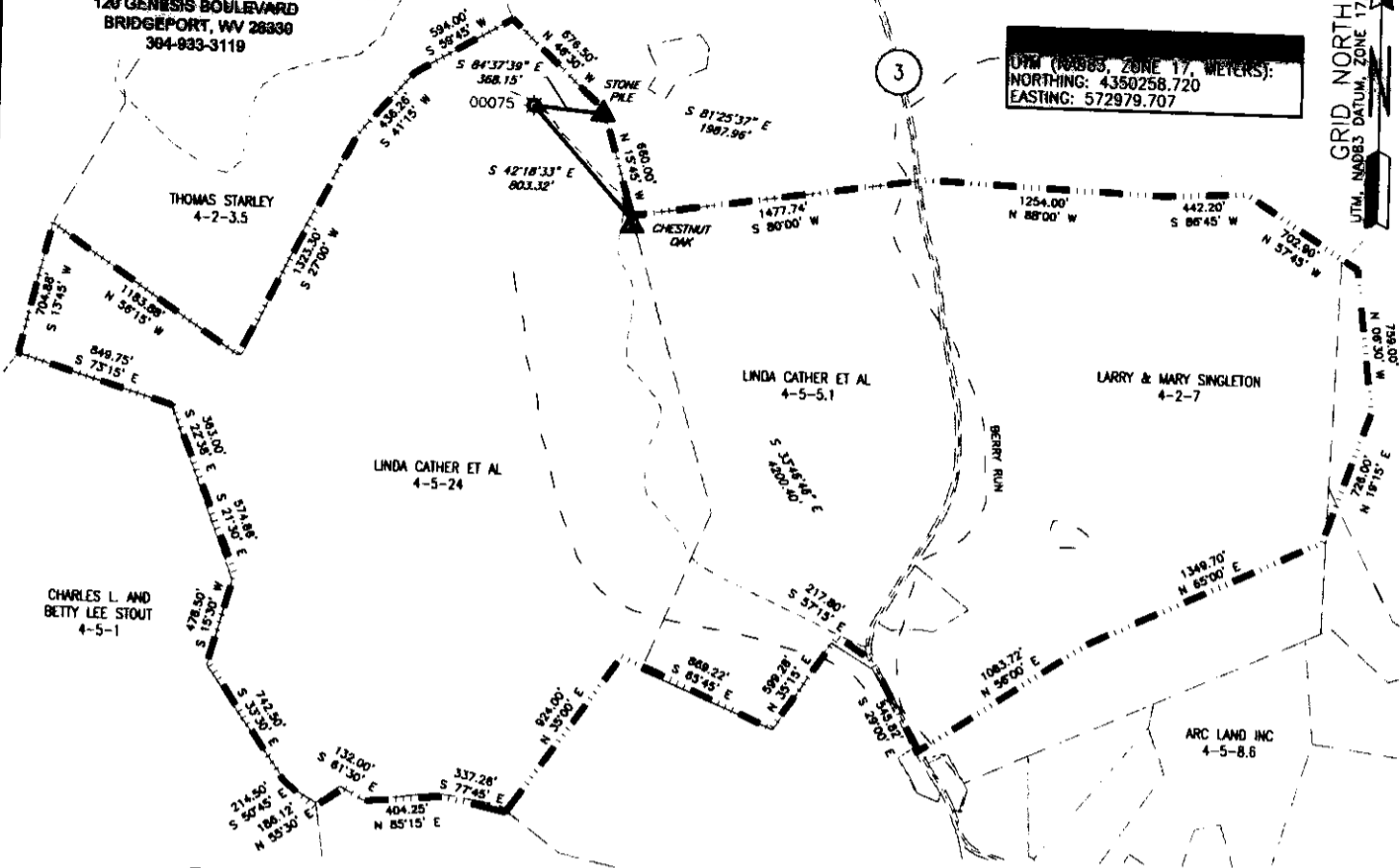
4709100075



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330
304-833-3119


UTM (NAD83, ZONE 17, METERS):
NORTHING: 4380258.720
EASTING: 572979.707

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



P.S. 086 *Richard E. Adams* 3/2/2023

NOTES ON SURVEY
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.
4. THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

 (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	MINIMUM DEGREE OF ACCURACY: 1/200	OPERATOR'S WELL #: D. L. CATHERS 4
	SURVEY PROVEN SOURCE GRADE GPS OF ELEVATION: (NAVD 88, US FT)	API WELL #: 47 091 00075 STATE COUNTY PERMIT
WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	WATERSHED: BERRY RUN DISTRICT: FLEMINGTON COUNTY: TAYLOR	ELEVATION: 1439.55' QUADRANGLE: ROSEMONT ACREAGE: 363.63± ACREAGE: 504±
SURFACE OWNER: LINDA CATHER ET AL OIL & GAS ROYALTY OWNER: GEORGE W. MOSES	DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> CONVERT <input type="checkbox"/> PLUG & ABANDON <input checked="" type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)	TARGET FORMATION: INJUN ESTIMATED DEPTH: 1665'
WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP ADDRESS: 601 57TH STREET, SE CITY: CHARLESTON STATE: WV ZIP CODE: 25304	DESIGNATED AGENT: H. JASON HARMON ADDRESS: 601 57TH STREET, SE CITY: CHARLESTON STATE: WV ZIP CODE: 25304	REVISIONS: DATE: 03-01-2023 DRAWN BY: K.E.S. SCALE: 1" = 1000' PLAT NO: 324-513 WELL LOCATION PLAT

03/17/2023

SURFACE OWNER WAIVER

4709100075

Operator's Well
Number

D.L. Cathers #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..."

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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

03/17/2023

WW-4B

4709100075

API No. 47-091-00075

Farm Name _____

Well No. D.L. Cathers #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.

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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 _____

03/17/2023

March 06, 2023

Mr. Jason Harmon
West Virginia Department of Environmental Protection
Office of Environmental Protection
601 57th Street SE
Charleston, WV 25304

RE: DEP-Paid Plugging Contract
Plugging Applications-D. L. Cathers #4 (API# 47-091-00075)

CEC Project # 324-513

Dear Mr. Harmon:


On behalf of Coastal Drilling East, please find the enclosed plugging application for D. L. Cathers #4 well for your review.

Please feel free to contact me at (304) 629-6309 or ecarder@cecinc.com if you have any questions or require any additional information.

Very truly yours,
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

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Office of Oil and Gas
MAR 09 2023
WV Department of
Environmental Protection


Eddie Carder
Senior Project Manager


Joseph D. Robinson, P.E.
Vice President



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

Plugging permits issued 4700100504 4709100074 4709100075

1 message

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

Fri, Mar 17, 2023 at 3:11 PM


To: Henry J Harmon <henry.j.harmon@wv.gov>, ecarder@cecinc.com, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, spencer@assessor.state.wv.us, ckinsey@wvassessor.com


To whom it may concern, plugging permits have been issued for 4700100504 4709100074 4709100075.


James Kennedy


WVDEP OOG


6 attachments


 **IR-8 4700100504.pdf**
12K

 **IR-8 4709100075.pdf**
120K

 **ir-8 4709100074.pdf**
120K

 **4709100074.pdf**
2375K

 **4709100075.pdf**
2089K

 **4700100504.pdf**
2489K

03/17/2023