



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

Monday, July 24, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for #1
47-085-10491-00-00

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: STATE OF WV, DNR
U.S. WELL NUMBER: 47-085-10491-00-00
Vertical Plugging
Date Issued: 7/24/2023

Promoting a healthy environment.

07/28/2023

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.

07/28/2023

1) Date _____, 20____
2) Operator's
Well No. STATE OF WV, DNR 1
3) API Well No. 47-085 - 10491

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 1002' Watershed Louthers Run
District Murphy County Ritchie Quadrangle Macfarlan

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

8) Oil and Gas Inspector to be notified Name Isaiah M. Richards 9) Plugging Contractor Name Unlimited Energy Services, LLC
Address 114 Turkey Lick Road Address 264 Industrial Park Road
West Union, WV 26456 Jane Lew, WV 26378

10) Work Order: The work order for the manner of plugging this well is as follows:
Check pressures on all casing with a gauge. Blow down the well into a grounded tank with a secure line.
Begin plugging and abandonment operations. Pull rods and tubing. Load 6 5/8" casing with fresh water.
RIH Wireline. Run CBL on 6 5/8" casing from 1852'-surface. Determine free point on 6 5/8" casing.
TIH w/ tubing to 2010', set 188' Class A cement plug from 2040' to 1852' (elevation at 1002').
Cut 6 5/8" CSG at free point TOOH w/ CSG. TIH w/ tubing to 1852'.
Set Class A cement plug from 1852'-1752' gel hole 1752' to 1652'. TOOH w/ tubing. WOC. Tag TOC.
TIH w/ tubing 1652', set 1652' Class A cement plug 1652' to 0'.

Top off well to surface with solid cement as needed. Erect monument with API #, date plugged, and company name. Reclaim location and road to WVDEP specifications.

RECEIVED
Office of Oil and Gas

JUN 29 2023

Notification must be given to the district oil and gas inspector ^{WV Department of Environmental Protection} 24 hours before permitted work can commence.

Work order approved by inspector  Date 06/28/2023

07/28/2023



☀ 274°W (T) 🌐 39.113997°N, 81.217687°W ±9ft ▲ 981ft



47-085-00486
25 Apr 2023 12:24:00 PM
07/28/2023

47-085-01289
OFFSET TO 47-085-10491



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Permit No. 1269

WELL RECORD

Oil or Gas Well (Kind)

Company R. C. Jackson	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address Petroleum W. Va.	Size			
Farm I. L. JACKSON Est. Acres	18			Kind of Packer
Location (waters) Of Glasgow Run	19			
Well No. 7 Elev.	Est 1240			Size of
District Grant County Ritchie	24 1040			Depth set
The surface of tract is owned in fee by I. L. JACKSON Est. Petroleum W. Va.	26 1852			
Mineral rights are owned by I. L. JACKSON Est. Petroleum	28 1852			
Drilling commenced Sept 8 1949	30 1852			Perf. top
Drilling completed Oct 10 1949	32 1852			Perf. bottom
Date Shot From To	34 1852			Perf. top
With	36 1852			Perf. bottom
Open Flow /10ths Water in Inch	38 1852			
/10ths Merc. in Inch	40 1852			
Volume Cu. Ft.	42 1852			
Rock Pressure lbs. hrs.	44 1852			
OIL bbls. 1st 24 hrs.	46 1852			
Fresh water feet	48 1852			
Salt water feet	50 1852			
	52 1852			
	54 1852			
	56 1852			
	58 1852			
	60 1852			
	62 1852			
	64 1852			
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	88 1852			
	90 1852			
	92 1852			
	94 1852			
	96 1852			
	98 1852			
	100 1852			

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shelly Shell	Dark	Hard		210			
Sand	Dark	Hard	750	1040			
Sand	Blue	Hard	1080	1205			
Slate	Black	Hard	1205	1230			
Sand	Shells	Hard	1230	1438			
Lime	Shells	Hard	1438	1450			
Sand	Grey	Hard	1450	1505			
Slate	Grey	Soft	1505	1565			
Slate	Shells	Hard	1565	1660			
Maxon	Sand		1650	1735			
Big Lime			1735	1836			
		Hard	1836	1896			
Kener	Sand		1896	1920			
Injun	Sand		1920	2015			
Break	Black	Hard	2015	2020			
Squaw Sand			2020	2040			
Total	Dept			2040			



07/28/2023

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number _____
STATE OF WV, DNR 1

3) API Well No.: 47 - 085 - 10491

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

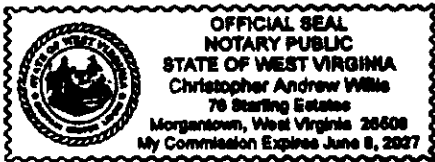
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Jerry Westfall, WVDNR D6 Wildlife Biologist</u>	Name _____
Address <u>West Virginia Department of Natural Resources</u>	Address _____
<u>2311 Ohio Avenue, Parkersburg WV 26101</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Thomas A. & John M. Jackson, Penny K. & Maxwell Nelson</u>
	Address <u>c/o John M. Jackson</u>
	<u>24060 Old Fort Road, Blacksburg VA 24060-3777</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Isaiah M. Richards</u>	(c) Coal Lessee with Declaration
Address <u>114 Turkey Lick Road</u>	Name _____
<u>West Union, WV 26456</u>	Address _____
Telephone <u>304-205-3032</u>	

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

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

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

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



Well Operator	<u>Unknown - DEP Paid Plugging Contract WVDEP</u>	
By:	<u>Matthew A. Yearsley</u> <i>[Signature]</i>	
Its:	<u>Coastal Drilling East, LLC, Plugging Contractor</u>	RECEIVED
Address	<u>130 Meadow Ridge Road</u>	Office of Oil and Gas
	<u>Mt. Morris, Pennsylvania 15349</u>	JUN 29 2023
Telephone	<u>304-291-0175</u>	

WV Department of Environmental Protection

Subscribed and sworn before me this 5 day of May 2023
[Signature] Notary Public
My Commission Expires June 8, 2027

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

07/28/2023

P. WAYNE AMMONS
 UNLIMITED ENERGY SERVICES, LLC
 264 INDUSTRIAL PARK ROAD
 JANE LEW, WEST VIRGINIA 26378

EG23144 STATE OF WV, DNR 10491
 EG23145 STATE OF WV, DNR 10492
 Plugging Permit Packets



9589 0710 5270 0615 5157 29
 9589 0710 5270 0615 5157 29

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Certified Mail Fee \$ _____

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Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To _____

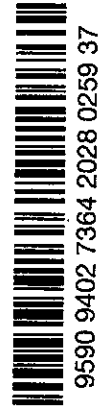
Street and Apt. No. _____

City, State, ZIP+4® _____

Postmark
 Here

Jerry Westfall, WVDNR D6 Wildlife Biologist
 West Virginia Department of Natural Resources
 2311 Ohio Avenue
 Parkersburg, WV 26101

Jerry Westfall, WVDNR D6 Wildlife Biologist
 West Virginia Department of Natural Resources
 2311 Ohio Avenue
 Parkersburg, WV 26101



9590 9402 7364 2028 0259 37

2. Article Number (Transfer from service label)

9589 0710 5270 0615 5157 29

PS Form 3811, July 2020 PSN 7530-02-000-9053

Jerry Westfall, WVDNR D6 Wildlife Biologist
 West Virginia Department of Natural Resources
 2311 Ohio Avenue
 Parkersburg, WV 26101

SECTION ON DELIVERY

Agent
 Addressee

C. Date of Delivery _____

Address different from item 1? Yes No
 delivery address below: _____

JUN 29 2023

WV Department of
 Environmental Protection

3. Service Type

Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Adult Signature Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Collect on Delivery
 Collect on Delivery Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

Domestic Return Receipt

2023/07/01

P. WAYNE AMMONS
 UNLIMITED ENERGY SERVICES, LLC
 264 INDUSTRIAL PARK ROAD
 JANE LEW, WEST VIRGINIA 26378

EG23144 STATE OF WV, DNR 10491
 EG23145 STATE OF WV, DNR 10492
 Plugging Permit Packets

07/29/2023

CERTIFIED MAIL



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Certified Mail Fee \$ _____
 Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$ _____
 Return Receipt (electronic) \$ _____
 Certified Mail Restricted Delivery \$ _____
 Adult Signature Required \$ _____
 Adult Signature Restricted Delivery \$ _____

Postage \$ _____
 Total Postage and \$ _____

Sent To: Thomas A. & John M. Jackson
 Penny K. & Maxwell Nelson
 Street and Apt. No: c/o John M. Jackson
 24060 Old Fort Road
 City, State, ZIP+4: Blacksburg, VA 24060-3777

PS Form 3800, July 2020 PSN 7530-02-000-9053

SEND
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 1. Article
 Throug
 Penny

c/o John M. Jackson
 24060 Old Fort Road
 Blacksburg, VA 24060-3777



9590 9402 7364 2028 0259 20

2. Article Number (transfer from service label)

9589 0710 5270 0615 5157 36

PS Form 3811, July 2020 PSN 7530-02-000-9053

A. & John M. Jackson
 K. & Maxwell Nelson
 John M. Jackson
 Old Fort Road
 Blacksburg, VA 24060-3777

S SECTION ON DELIVERY

Agent
 Addressee
 C. Date of Delivery

Address different from item 1? Yes
 delivery address below: No

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Collect on Delivery
 Collect on Delivery Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

Domestic Return Receipt

Office of Oil and Gas
 JUN 29 2023
 WV Department of Environmental Protection



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone (304) 828-0460

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) ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

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.

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07/28/2023

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

07/28/2023

WW-9
(5/16)

API Number 47 - 085 - 10491
Operator's Well No. STATE OF WV, DNR 1

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 WVDEP OP Code _____

Watershed (HUC 10) Louthers Run Quadrangle Macfarlan

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 bore and returned back to tank.

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

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

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

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

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

-Landfill or offsite name/permit number? Austin Master Services, LLC; AMS Martins Ferry Facility; WF ID #BELM-05; Permit #WF-2022-05

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.

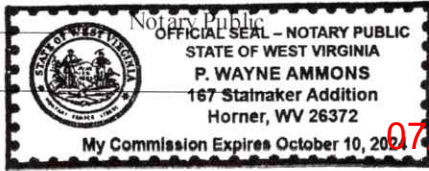
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 *Mick Goodwin* JUN 29 2023
 Company Official (Typed Name) Mick Goodwin
 Company Official Title President WV Department of Environmental Protection

Subscribed and sworn before me this 28TH day of JUNE, 2023

P. Wayne Ammons
My commission expires OCTOBER 10, 2024



07/28/2023

Proposed Revegetation Treatment: Acres Disturbed Less than 1 acre Prevegetation pH _____

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
		Medium Red Clover	9
		Ladino White Clover	9
		White-Dutch Clover	9

Permanent Seed Mixture (continued): Alfalfa (9 lbs/acre), Winter Wheat (9 lbs/acre)

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

Comments: No pits will be used. Remove oil & gas production debris [i.e., pumpjack, production tank(s), pipe, gas meter(s)] from the site. Properly reclaim, seed, and mulch all disturbed areas to DEP and DNR standards, including working the seed to ensure germination. Obliterate any applicable road/access construction materials as requested by WVDNR.

Title: OOG Inspector

Date: 06/28/2023

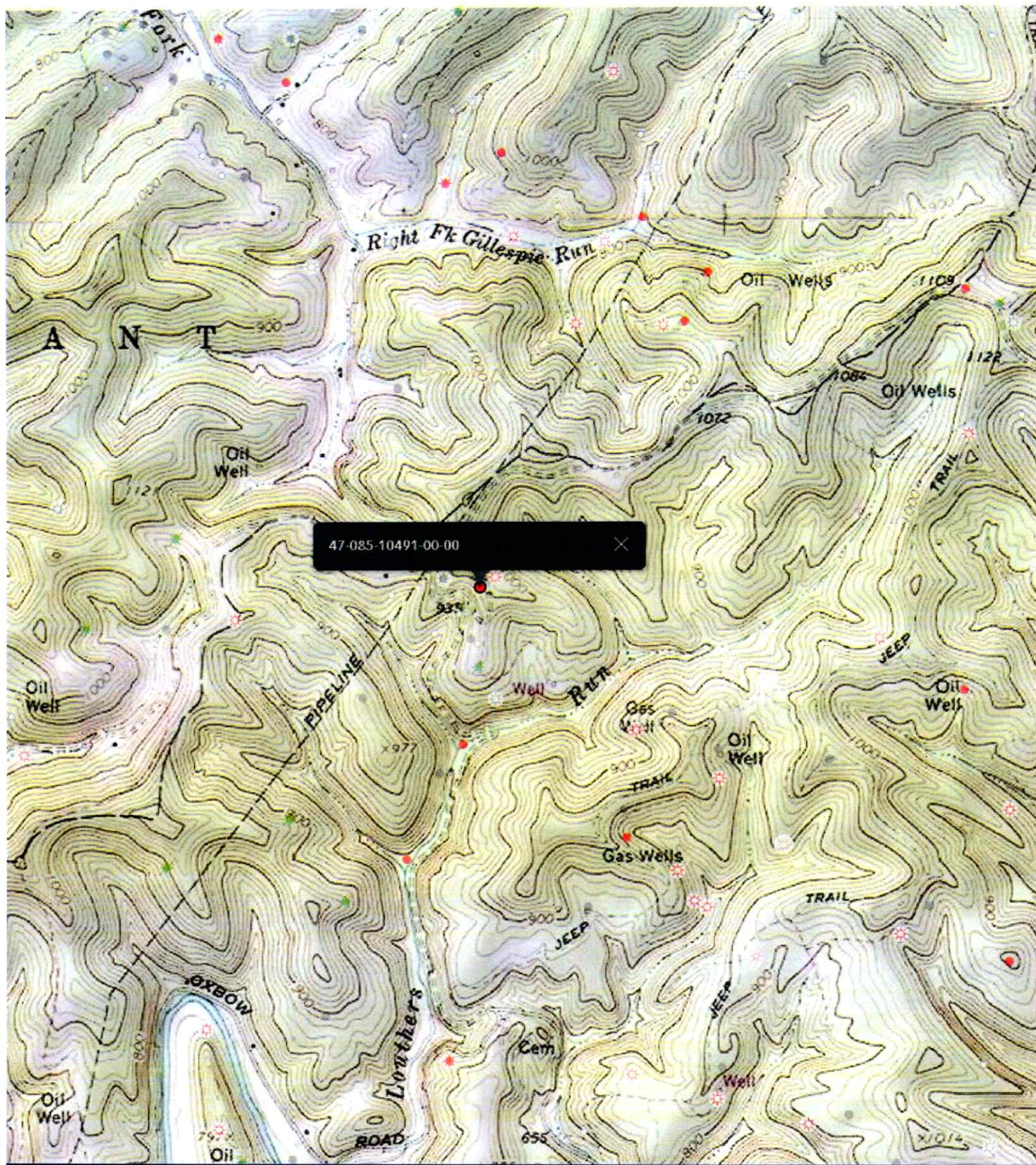
Field Reviewed? () Yes (X) No

RECEIVED
Office of Oil and Gas

JUN 29 2023

WV Department of
Environmental Protection

07/28/2023

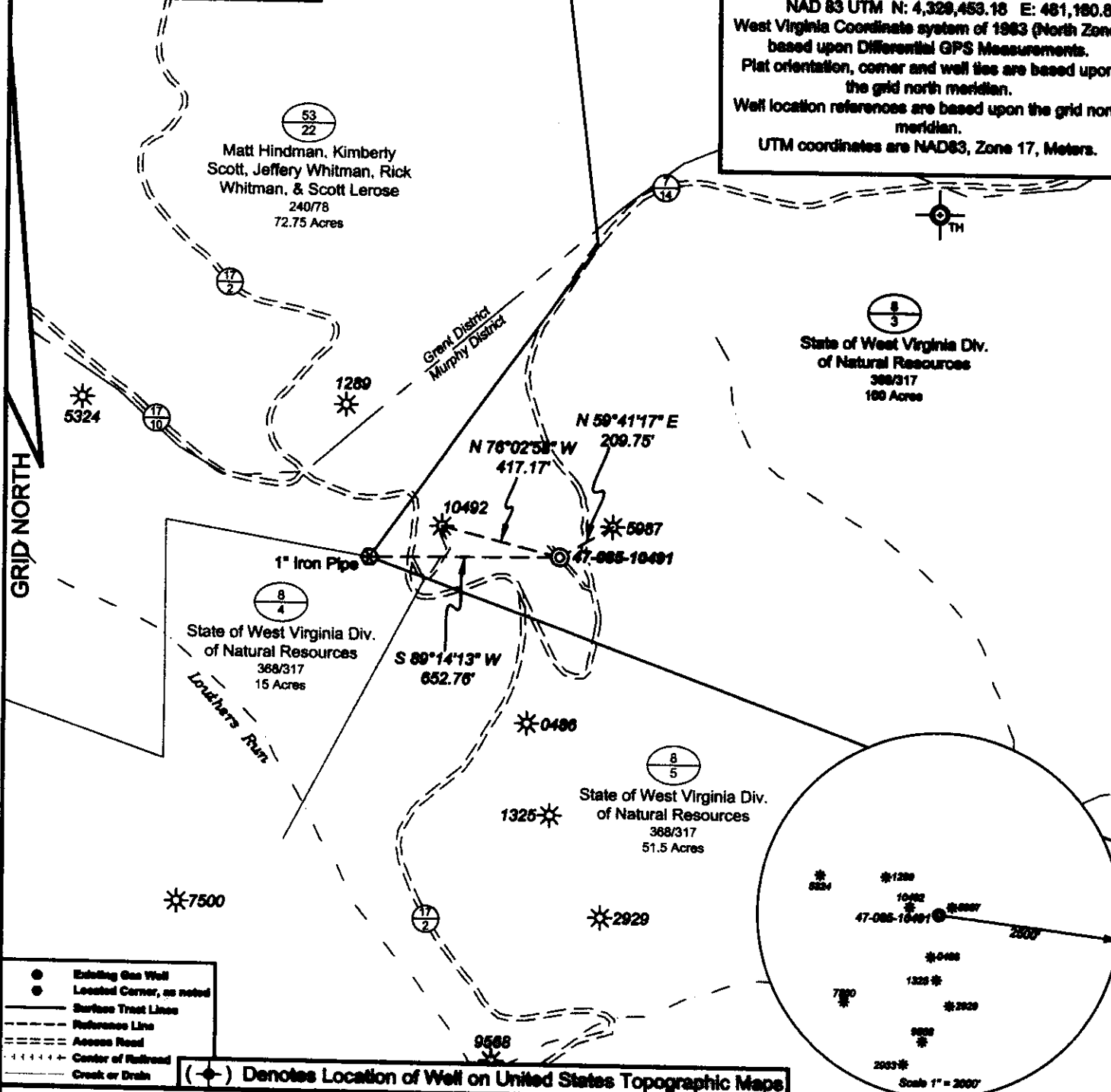


07/28/2023

TH: 2653' LAT: 39-07-30

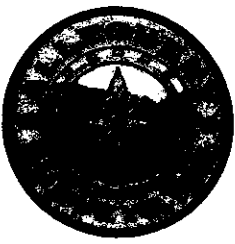
47-085-10491
West Virginia Department of Environmental Protection

47-085-10491 coordinates are
NAD 83 N: 228,306.93 E: 1,461,146.98
NAD 83 Lat: 39.114029 Long: -91.217992
NAD 83 UTM N: 4,329,453.18 E: 481,160.84
West Virginia Coordinate system of 1983 (North Zone)
based upon Differential GPS Measurements.
Plat orientation, corner and well ties are based upon
the grid north meridian.
Well location references are based upon the grid north
meridian.
UTM coordinates are NAD83, Zone 17, Meters.



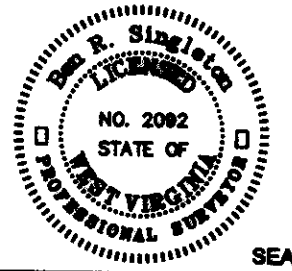
TH: 3996' LON: 81-12-30

- Existing Gas Well
 - Locust Corner, as noted
 - Surface Tract Lines
 - Reference Line
 - Access Road
 - Center of Railroad
 - Creek or Drain
- (*) Denotes Location of Well on United States Topographic Maps



I, 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 the regulations issued and prescribed by the Department of Environmental Protection.

[Signature]
P.S. 2002



FILE NO: 121-23
DRAWING NO: 47-085-10491
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: May 22 20 23
OPERATOR'S WELL NO.: 47-085-10491
API WELL NO
47 - 085 - 10491
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1002' WATERSHED: Louthers Run QUADRANGLE: Mactarian
DISTRICT: Murphy COUNTY: Ritchie

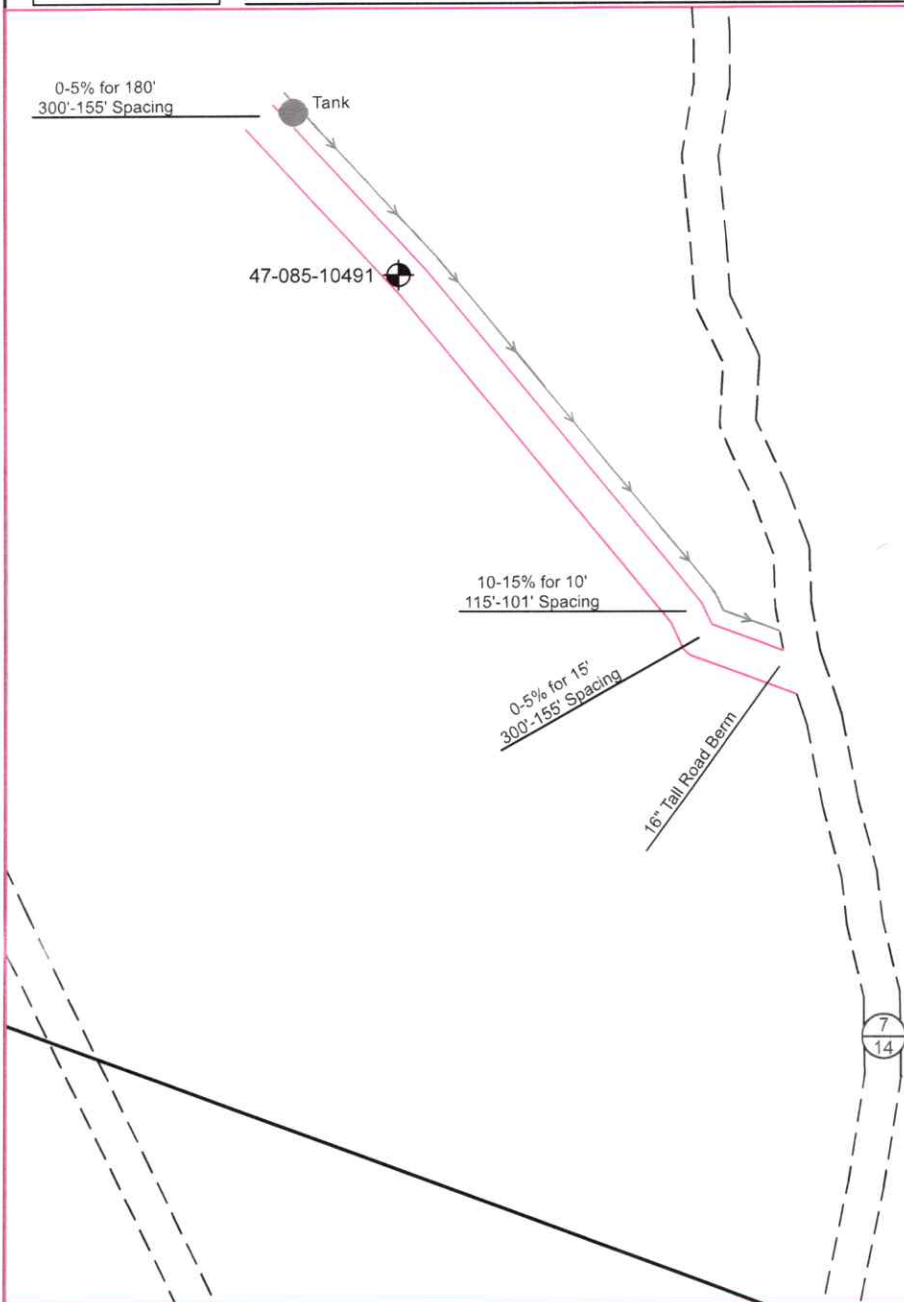
SURFACE OWNER: State of West Virginia Division of Natural Resources ACREAGE: 100
ROYALTY OWNER: LEASE NO: ACREAGE:

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Unknown ESTIMATED DEPTH: Unknown

WELL OPERATOR: Unknown - DEP Paid Plugging Contract WVDEP DESIGNATED AGENT: H. Jason Harmon
ADDRESS: 601 57th Street ADDRESS: 601 57th Street
Charleston, WV 25304 Charleston, WV 25304

WW-9

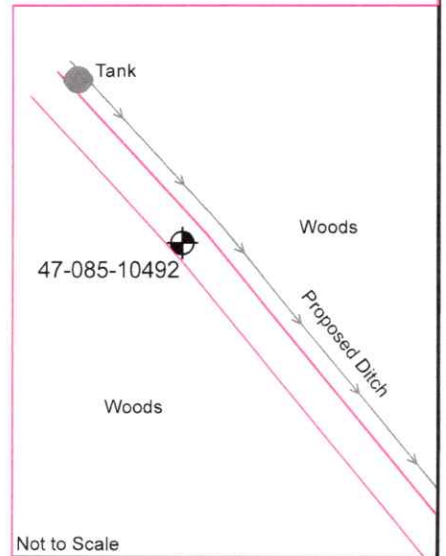
(47-085-10491)



RECEIVED
Office of Oil and Gas

JUN 29 2023

WV Department of
Environmental Protection



Unless otherwise noted, all roads shown hereon are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 5/2012.

Entrances upon county/state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.

Sediment basins (traps) and appropriate erosion control barriers are to be constructed at all culverts and cross-drains as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be enacted as required.

Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

DRAWN BY: Asa Dick

DATE: May 24, 2023

PROPERTY BOUNDARY	
EXISTING ROAD	
ACCESS ROAD	
EXISTING WELL LOCATION	
3/4" IRON PIPE FOUND	



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.

1-800-482-8606
P.O. BOX 438
BIRCH RIVER, WV 26610
PH: (304) 649-8606
FAX: (304) 649-8608

07/28/2023



PROPOSED MANNER OF PLUGGING AND FILLING WELL

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

WEST VIRGINIA DIVISION OF MINES

AND GAS DIVISION

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

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

No Coal

COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

I L Jackson
LEASE OR PROPERTY OWNER

Petroleum
ADDRESS

NAME OF WELL OPERATOR

NAME OF WELL OPERATOR

COMPLETE ADDRESS

COMPLETE ADDRESS

TA ERON SEINE

Oct 20 19 49

WELL TO BE ABANDONED

Grant District

Ritchie County

Well No.

I L Jackson Est Farm

NOTIFY INSPECTOR HARRY V. MAZE, BEZTRIGE, W. VA. - 24 HOURS
Gentlemen: - IN ADVANCE OF PLUGGING DATE.

The undersigned well operator is about to abandon the above described well and will commence

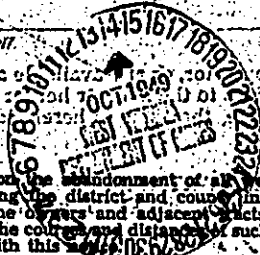
the work of plugging and abandoning said well on the 20 day of Oct, 19 49
(which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines.)

This notice is given 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 represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

I L Jackson
Well Operator



NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a competent engineer, showing the district and county in which the tract of land is located, the name and acreage of same, the names of the owners and adjacent tracts, and the location of the about to be abandoned well, determined by survey, and the course and distance of such well from two permanent points or landmarks on said tract, shall be submitted with this notice.

(Over)

1289-P PERMIT NUMBER

07/28/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

No. Coal R. C. Jackson

COAL OPERATOR OR OWNER Petroleum WVA

ADDRESS _____ COMPLETE ADDRESS Nov 4 1949

COAL OPERATOR OR OWNER _____ WELL AND LOCATION _____

ADDRESS _____ Grant District

LEASE OR PROPERTY OWNER _____ Ritchie County

Well No. I

ADDRESS _____ I. L. Jackson Farm

STATE INSPECTOR SUPERVISING PLUGGING Hary V. Mase

AFFIDAVIT

STATE OF WEST VIRGINIA, }
County of Putnam }
SS: A. R. Brooks and Tom Lanham
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by R. C. Jackson well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 25 day of Nov, 1949, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL		PLUGS USED	CASING			
	FORMATION	CONTENT		FROM	TO	SIZE & KING	CSG PULLED
	Filled with clay	from 2050	1850	1850			
		Seament 1640		1840			
	Removed 6 in pipe						
	Filled with clay to		1640	1640			
	seament		1640	1630			
	Bridge hole		1080				
	filled with clay		1055				
	seament		1055	1045			
	Removed 8 in casing						
	bridged hole		860				
	2 bags seament						
	pulled 10 casing						100 Ft
	Filled with clay to		surface				
	COAL SEAMS erected marker						
(NAME)							
(NAME)							
(NAME)							
(NAME)							

and that the work of plugging and filling said well was completed on the 4th day of November 1949

And further deponents saith not.

Sworn to and subscribed before me this 7th day of November, 1949

My commission expires: Apr. 3 1950



A. R. Brooks
Tom Lanham
William A. Thrash
Notary Public

Permit No. F-1289-7

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Abandoned Well Inspection Form

API NUMBER	47 - 085 - 10491	ASSIGNED NUMBER	N/A
WELL OPERATOR	OPERATOR UNKNOWN		
FARM NAME	STATE OF WV, DNR	WELL NUMBER	# 1
QUAD	MACFARLAN	DISTRICT	MURPHY
		COUNTY	RITCHIE - 085
GPS FIELD READING	Latitude 39.113997	Longitude	-81.217687
DATE AND TIME OF READING	4/26/2023 @ 11:30 AM		

WELL SCORE

WELL CLASS

1. Does this well appear to be a potential or immediate threat to human health or safety?
If yes, please describe situation. Y N
Potential threat
Immediate threat
2. Is this well leaking oil, gas or saltwater at the surface?
Check all that apply. Oil
Gas
Saltwater
3. If yes to question #2, check the appropriate response below:
-Significant leakage exceeds the limits of the well location
-Significant leakage at the surface of the well
-minor leakage at the surface restricted to the well location
4. What is the condition of the well casing?
Check all that apply.
-Either no production or surface casing.
-Severely deteriorated surface casing.
-Severely deteriorated production casing.
-Evidence of ground water contamination within 1000' of this well.
5. Check the appropriate response below.
-planned or active mineral resource development within 1000' of well
-planned or active mineral resource development within 1000' to 2000' of well
-planned or active mineral resource development within 2000' of well
Identify the type if applicable (oil, gas, coal, limestone, etc.)
6. Check the appropriate response below if applicable.
-well is within 100' of a drinking water source
-well is within 100 to 500' of a drinking water source
7. Check the appropriate response below if applicable.
-10 to 20 people residing within 1000' of well
-more than 20 people residing within 1000' of well



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.

COAL OPERATOR OR COAL OWNER: None

NAME OF WELL OPERATOR: R. E. Jackson

COMPLETE ADDRESS: Petrolerum W. Va.

PROPOSED LOCATION: Aug 29 1949

District: Grant

County: Ritchie

Well No: 1

OWNER OF MINERAL RIGHTS: J. M. Jackson Farm

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 of lease dated 9 Dec 1948 made by R. E. Jackson & wife and recorded on the 10 day of Dec 0 1948 in the office of the County Clerk for said County in Book 78 page 311

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 the coal operators or coal owners (if any) above named & addressess.

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, if 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.)

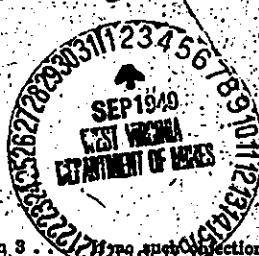
Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

R. E. Jackson
WELL OPERATOR

Petrolerum
CITY OR TOWN

W. Va.
STATE



Address of Well Operator

*Section 3. Any objections to be filed or be found by the department of mines, within said period of ten days from the receipt of this 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.

1289

SURFACE OWNER WAIVER

Operator's Well
Number

STATE OF WV, DNR 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

RECEIVED
Office of Oil and Gas

JUN 29 2023

WV Department of
Environmental Protection

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

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

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

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date	_____	Name
Signature		By	_____
		Its	_____
			Date

Signature

Date

07/28/2023

WW-4B

API No. 47-085-10491
Farm Name _____
Well No. STATE OF WV, DNR 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 _____

RECEIVED
Office of Oil and Gas

JUN 29 2023

WV Department of
Environmental Protection

07/28/2023

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

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

RECEIVED
Office of Oil and Gas
JUN 29 2023
WV Department of
Environmental Protection

07/28/2023



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

plugging permits issued 4708510491 08510492

1 message

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

Mon, Jul 24, 2023 at 10:39 AM


To: MYearsley@shaftdrillers.com, Henry J Harmon <henry.j.harmon@wv.gov>, Isaiah M Richards <isaiah.m.richards@wv.gov>, amossor@wvassessor.com


To whom it may concern, plugging permits have been issued for 4708510491 08510492.

James Kennedy

WVDEP OOG

2 attachments

 **4708510491.pdf**
3561K

 **4708510492.pdf**
3389K

07/28/2023