



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, July 11, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for E-3
47-081-00311-00-00

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: E-3
Farm Name: POCAHONTAS LAND CORP.
U.S. WELL NUMBER: 47-081-00311-00-00
Vertical Plugging
Date Issued: 7/11/2024

A blue ink signature of James A. Martin, written in a cursive style, is positioned to the right of the typed name and title.

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.

WW-4B
Rev. 2/01

1) Date May 29, 2024
2) Operator's
Well No. POCAHONTAS LAND CORP E-3
3) API Well No. 47-081-00311

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 2626.75' Watershed Richland Hollow of Wiley Spring Branch
District Slab Fork County Raleigh Quadrangle Odd 7.5'

6) Well Operator Diversified Production, LLC 7) Designated Agent Chuck Shafer
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Murdock Howard Name Next LVL Energy (Diversified Owned)
Address PO Box 140 Address 104 Helliport Loop Rd
Oak Hill, WV 25901 Bridgeport, WV 25330

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

See Attached

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JUN 07 2024
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 Murdock Howard Date 6/3/24

Plugging Prognosis

API #: 4708100311

West Virginia, Raleigh County

Lat/Long: 37.570224, -81.229064

Quadrangle_15 - Flattop

Nearest ER: Raleigh General Emergency Room - 1710 Harper Rd, Beckley, WV 25801

MH 6/3/24

Casing Schedule

8-5/8" @ 152' - CTS w/ 50 sks

4-1/2" @ 1304' - Cemented w/ 50 sks - Well file says TOC @ 804' but doesn't say if bond logged

2-3/8" @ 1222' - No Cementing or Packer Information

TD @ Not Reported

Completion

Ravenc Cliff Sand - 1230'-1272', 500 gal. acid, 420 bbls gelled water, 250 sks sand

Fresh Water: 80'

Salt Water: None Reported

Gas Shows: None Reported

Oil Shows: None Reported

Coal: 154' - 16" Not Workable, 304' - 18" Not Workable *COVER w/ CEMENT FROM*

Elevation: 2649'

1. Notify Inspector Murdock Howard @ 681-990-2568, 48 hrs prior to commencing operations.
2. Record pressures on tbg/csg.
3. Check TD w/ sandline/wireline/tbg.
4. Pump 6% bentonite gel between all plugs.
5. TOOH w/ 2-3/8" tbg, laying down.
6. Free point 4-1/2" casing. Record free point.
7. TIH w tbg to 10' above TD. Pump 6% bentonite gel to fill to above 1000'.
8. Pump Class L cement plug from ¹1304' (TO) TO ^{310'} 1118'.
(Completion Plug). WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below.
Perforate as needed.
9. ^{TIH} w/ tbg to top of plug. Pump 10 bbl 6% bentonite gel.
10. TOOH w/ tbg.
11. Cut 4-1/2" tbg above free point & TOOH, laying down.
12. TIH w/ tbg to 50' below 4-1/2" csg cut. Pump 100' Class L cement plug 50' in/out of csg cut.
WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
13. TOOH w/ tbg to top of csg cut plug. Pump 6% bentonite gel from top of csg cut plug to 202'. ^{310'}
14. TOOH w/ tbg to ^{310'} 202'. Pump ^{310'} 202' Class L cement plug from 202' to Surface (8-5/8" Csg Shoe,
Fresh Water, and Surface Plug). Top off as needed.
15. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

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07/12/2024

Mon, Jun 03 2024, 13:25:23.0
+37.570342,-81.229064

4708100311

07/12/2024



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47-091-00311P

APR 1 1974

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary Oil _____
Cable _____ Gas in hole
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Flattop

Permit No. Rai-311

Company <u>Appalachian Exploration & Dev., Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Box 628, Charleston, W. Va.</u>				
Farm <u>Pocahontas Land E</u> Acres <u>297</u>				
Location (waters) <u>Richland Crk./Wiley Spr. Br.</u>	Size			
Well No. <u>3</u> Elev. <u>2249</u> <u>Devils Fork</u>	<u>20-16</u>			
District <u>Slab Fork</u> County <u>Raleigh</u>	Cond.			
The surface of tract is owned in fee by <u>Pocahontas Land Corp.</u>	<u>13-10"</u>			
Address <u>Box 1517, Bluefield, W. Va. 25701</u>	<u>9 5/8</u>			
Mineral rights are owned by <u>same as above</u>	<u>8 5/8</u>	<u>152</u>	<u>152</u>	
Address _____	<u>7</u>			
Drilling Commenced <u>1/29/74</u>	<u>5 1/2</u>			
Drilling Completed <u>2/3/74</u>	<u>4 1/2</u>	<u>1304</u>	<u>1304</u>	
Initial open flow _____ cu. ft. _____ bbls.	<u>3</u>			
Final production <u>146</u> Mcu. ft. per day _____ bbls.	<u>2 -3/8"</u>	<u>1222</u>	<u>1222</u>	
Well open <u>4.5</u> hrs. before test <u>150</u> RP.	Liners Used			

Well treatment details:

Attach copy of cementing record.

Fraced with 500 gals. acid, 420 bbls. gelled water, 25,000# sand. Average 2230 psi, @ 24 BPM. ISIP 1800 15 min. 1200 psi.

Coal was encountered at 154'-16" Feet 304 - 18" Inches
Fresh water 80 Feet _____ Salt Water _____ Feet _____
Producing Sand Ravenclyff 1230-1272 Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Rock			0	30		
Sand and shale			30	92		
Rock			92	152		
Shale with sand			152	208		
Shale and sand			208	656		
Sandy shale			656	900		
Sand with shale			900	1168		
Sand Ravenclyff			1168	1208		
Sand Ravenclyff			1208	1284		
Shale			1284	1304		

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(over)

* Indicates Electric Log tops in the remarks section.

07/12/2024

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
<u>Cement Record</u>						
8-5/8"	50 sks.	Dowell	Circulated to surface			
4-1/2"	50 sks.	Dowell	Top 804'			

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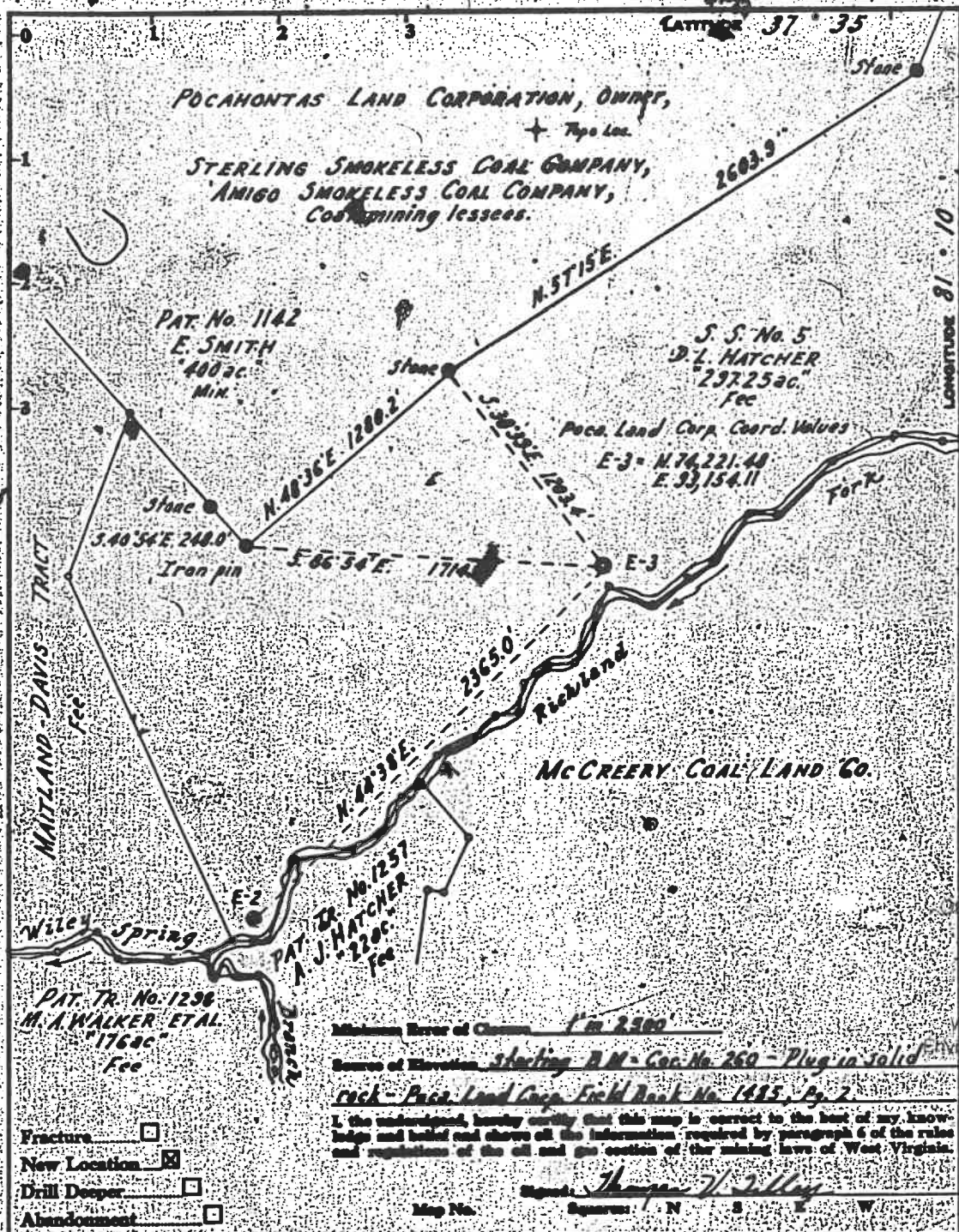
Date March 26 19 74
Great Basins Petr., oper. by Appalachian Exploration & Development, Inc.
APPROVED [Signature] Owner

By [Signature] District Production Superintendent
(Title)

07/12/2024

47-081-03 311P

17,207' = 12/14/73CEN



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operated by: Frontier Gas Processing
Company: Appalachian Exploration & Develop, Inc.
Address: Charleston, W. Va.
Farm: Pocahontas Land Corporation
Tract: S.S. No. 5 Acres 297.25 Lease No. _____
Well (Farm) No. E-3 Serial No. _____
Elevation (Spirit Level) 2648.35
Quadrangle: Flattop, W. Va.
County: Raleigh District: Slab Fork
Surveyor: Thomas V. Tilley
Surveyor's Engineer's Registration No. 34630
File No. _____ Drawing No. _____
Date: December 6, 1973 Scale: 1" = 600'

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

WELL LOCATION MAP

FILE NO. Ral-311

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-081

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME F.W.A. Drilling Company, Inc. NAME J.B. McPeters
 ADDRESS Box 1876, Midland, Texas 79701 ADDRESS Box 628, Charleston, W.Va. 25322
 TELEPHONE _____ TELEPHONE 344-8355
 ESTIMATED DEPTH OF COMPLETED WELL: 1275' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Ravencliff
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	180'	180'	circulate
7			
5 1/2			
4 1/2	1275'	1275'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40 FEET SALT WATER FEET
 APPROXIMATE COAL DEPTHS 155" - 16"; 305' - 18"

IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL DEEPER OR REDRILL: _____

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

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The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

07/12/2024

WW-4A
Revised 6-07

1) Date: 5/29/2024
2) Operator's Well Number POCAHONTAS LAND CORP E-3
3) API Well No.: 47 - 081 - 00311

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>Pocahontas Surface Interests, Inc.</u>	Name <u>Pocahontas Coal Company, LLC Beckley</u>
Address <u>P.O. Box 1517</u>	Address <u>109 Appalachian Dr.</u>
<u>Bluefield, WV 24701</u>	<u>Beckley, WV, 25801</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Pocahontas Land Corporation</u>
	Address <u>P O Box 1517</u>
	<u>Bluefield, WV 24701</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Murdock Howard</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 140</u>	Name <u>Pocahontas Coal Company</u>
<u>Oak Hill, WV 25901</u>	Address <u>109 Appalachian Dr.</u>
Telephone <u>(681) 990-2568</u>	<u>Beckley, WV, 25801</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>Diversified Production, LLC</u>	RECEIVED Office of Oil and Gas
By:	<u>Chris Veazey</u>	
Its:	<u>Director of Administration</u>	JUN 07 2024
Address	<u>414 Summers Street</u>	
	<u>Charleston, WV 25301</u>	WV Department of Environmental Protection
Telephone	<u>304-590-7707</u>	

Subscribed and sworn before me this 29 day of May, 2024
Jeffrey Bush Notary Public
My Commission Expires September 28, 2028

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.

47-081-00311 P

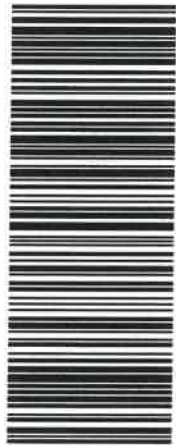
Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND FLOOR
CHARLESTON WV 25301

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WV Department of
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USPS CERTIFIED MAIL™



9407 1362 0855 1144 3414 91



POCAHONTAS SURFACE INTEREST LLC
PO BOX 1517
BLUEFIELD WV 24701-1517

US POSTAGE AND FEES PAID
2024-05-29
25301
C4000004
Retail
4.0 OZ FLAT



0901000010726



07/12/2024

SURFACE OWNER WAIVER

Operator's Well
Number

POCAHONTAS LAND CORP E-3

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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Office of Oil and Gas

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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

07/12/2024

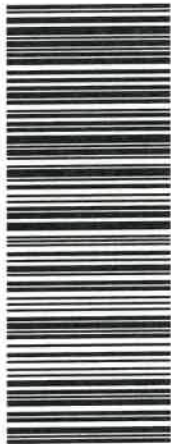
Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

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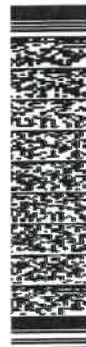


9407 1362 0855 1144 3610 17



POCAHONTAS COAL CO
109 APPALACHIAN DR
BECKLEY WV 25801-2201

US POSTAGE AND FEES PAID
2024-05-29
25301
C4000004
Retail
4.0 OZ FLAT



0901000010726



07/12/2024

47-081-00311P

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

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9407 1362 0855 1144 3529 09



POCAHONTAS LAND CORPORATION
PO BOX 1517
BLUEFIELD WV 24701-1517

US POSTAGE AND FEES PAID 
2024-05-29
25301
C4000004
Retail
4.0 OZ FLAT

0901000010734

07/12/2024

47-081-00311P

WW-4B

API No. 4708100311
Farm Name Pocahontas Land Corp.
Well No. POCAHONTAS LAND CORP E-3

**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

WV Department of
Environmental Protection

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 _____

07/12/2024

47-081-00311 P



DIVERSIFIED
energy

Date: 5/29/2024

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

Mr. Martin,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOC will be utilizing Class L cement to plug the following well:

API Number 4708100311 Well Name POCAHONTAS LAND CORP E-3

Attached is the approved variance order for use of Class L cement.

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

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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

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WV Department of
Environmental Protection

WW-9
(5/16)

API Number 47 - 081 - 00311
Operator's Well No. POCAHONTAS LAND CORP E-3

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

Operator Name: Diversified Production, LLC OP Code 494524121

Watershed (HUC 10)Richland Hollow of Wiley Spring Branch QuadrangleOdd 7.5'

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: Production fluid and cement returns.

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- * Underground Injection (UIC Permit Number 2D03902327 002)
- 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: N/A

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

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

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

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

-Landfill or offsite name/permit number? N/A

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) Chris Veazey
Company Official Title Permitting Supervisor



Subscribed and sworn before me this 29 day of May, 2024

[Signature] Notary Public

My commission expires September 28, 2028

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Proposed Revegetation Treatment: Acres Disturbed +/- 1 ac. Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

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
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

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.

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Plan Approved by: Murdock Howard

Comments: Operator to cover with cement all oil and gas formations, including salt, elevation, coals and fresh water.

There is a creek nearby so extra ECO's should be placed to prevent potential run off.

Title: Inspector

Date: 6/3/24

Field Reviewed?

Yes

No



Well No.: 4708100311
 UTM 83°17, Meters
 North: 4158155.55
 East: 479773.02
 Elev.: 804.35 M
 Elev.: 2638.26 Ft

Secondary Pit
 Primary Pit



Diversified Gas & Oil
 Corporation
 100 Diversified Way
 Pikeville KY, 41051

07/12/2024

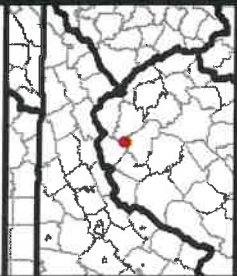
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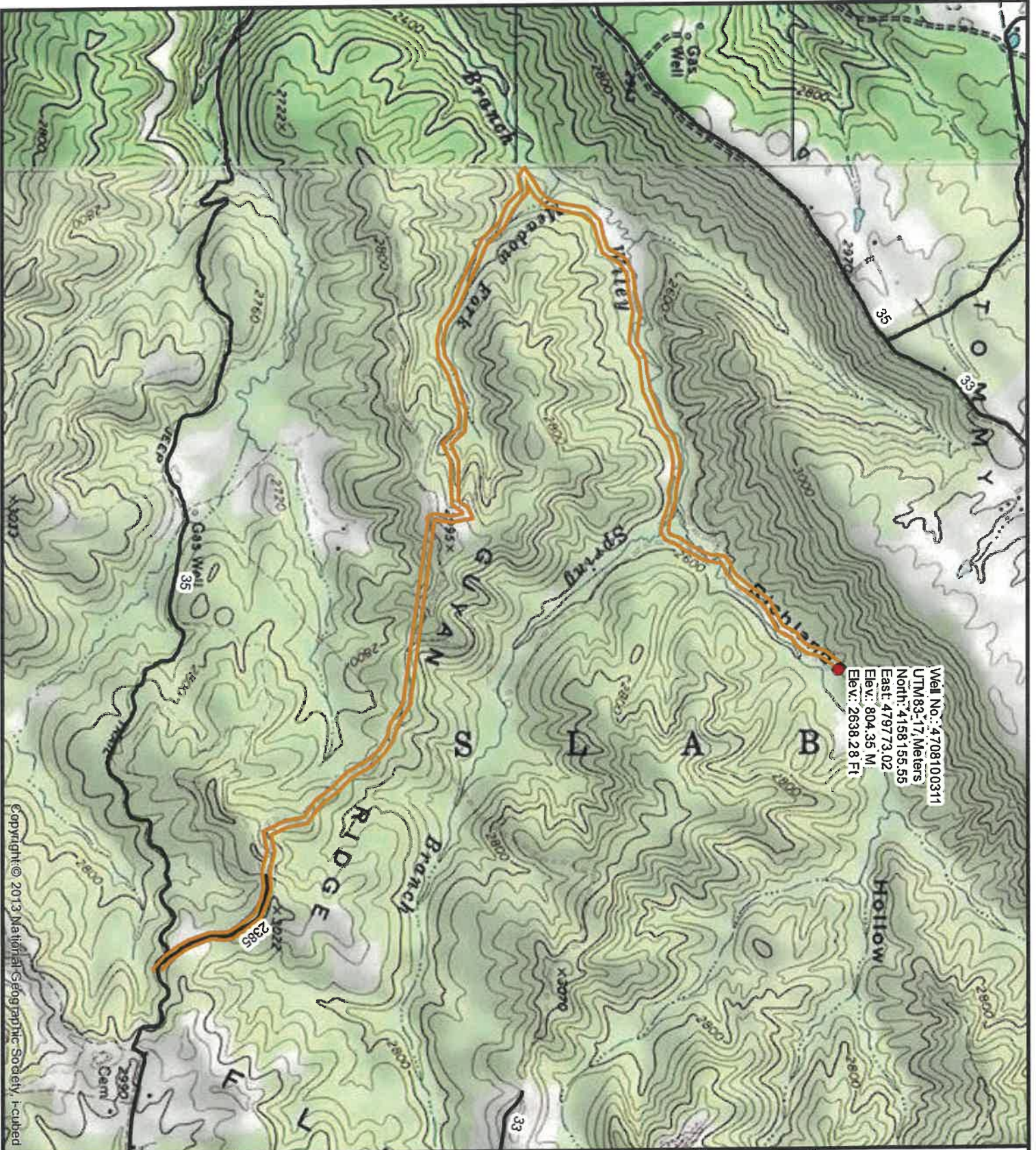
Well Plugging Map

Legend

- Well
- Access Road
- Pits
- Pad
- Public Roads

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Diversified Gas & Oil Corporation
 100 Diversified Way
 Pikeville KY, 41051

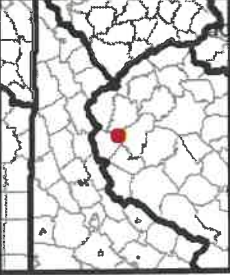
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47-081-00311

Well Plugging Map

Legend

- Well
- Access Road
- ▨ Pits
- Pad
- Public Roads



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 WV Department of Environmental Protection
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47-081-00311 P

WW-7
8-30-06



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

API: 4708100311 WELL NO.: POCAHONTAS LAND CORP E-3

FARM NAME: Pocahontas Land Corp.

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Raleigh DISTRICT: Slab Fork

QUADRANGLE: Odd 7.5'

SURFACE OWNER: Pocahontas Surface Interests, Inc,

ROYALTY OWNER: Pocahontas Land Corp.

UTM GPS NORTHING: 4158158.664

UTM GPS EASTING: 479767.921 GPS ELEVATION: 2626.75'

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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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS _____ : Post Processed Differential _____
Real-Time Differential _____
Mapping Grade GPS X : Post Processed Differential X
Real-Time Differential _____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

[Signature]
Signature

Chris Veazey - Director of Administration
Title

5/29/24
Date

07/12/2024

11/10/2016

PLUGGING PERMIT CHECKLIST
4708100311

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

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