



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

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

Tuesday, September 3, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 10052
47-109-00490-00-00

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: 10052
Farm Name: DAMRON, L.
U.S. WELL NUMBER: 47-109-00490-00-00
Vertical Plugging
Date Issued: 9/3/2024

A blue ink signature of James A. Martin, written in a cursive style.

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

- 1) Date July 30, 2024
- 2) Operator's Well No. Damron 10052
- 3) API Well No. 47-109-00400

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 1962.53' Watershed Unnamed tributary of Reedy Branch
District Clear Fork County Wyoming Quadrangle Oceana
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey
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 Christian Porter Name Next LVL Energy (Diversified Owned)
Address PO Box 181 Address 104 Helliport Loop Rd
Holden, WV 25825 Bridgeport, WV 25330

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

See Attached

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

Work order approved by inspector  Date 8-27-24

Plugging Prognosis

API #: 47-109-00490

West Virginia, Wyoming County

Lat/Long – 37.671143, -81.696799

Nearest ER: Welch Community Hospital - Emergency Room – 454 McDowell St, Welch, WV 24801

Casing Schedule

13-3/8" @ 23 (No Cementing Information)
 10" @ 485' (No Cementing Information)
 8-1/4" @ 2235' (No Cementing Information)
 6-5/8" @ 3170' (No Cementing Information)
 TD @ 4053'

Completion: Shot from 3429'-3993' – Weir & Brown Shale

Fresh Water: 80'

Salt Water: None Reported

Gas Shows: 2344', 2606', 3362'-3378', 3400'-3410', 3993', 4053'

Oil Shows: None Reported

Coal: 5'-6' (Not Workable), 1144'-1146', 1735'-1737'

Elevation: 1943'

1. Notify Inspector Christian Porter @ 304-541-0079, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ sandline/tbg.
4. Pump Gel between each plug.
5. Free point 6-5/8" csg. If appears to be free. Attempt to pull. TOOH laying down.
6. TIH w/ tbg to 4043'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 25 bbls gel. Pump 952' Class L cement plug from 4043' to 3091' - 4053' (Completion Plug – Brown Shale, Weir, Gas Shows, 6-5/8" Csg Shoe Plug). 179 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. Break into two plugs for operational feasibility.
7. If 6-5/8" csg was not able to be pulled, cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. 30 sks @ 1.14 yield. Do not omit any plugs listed below. Perforate as needed.
8. TOOH w/ tbg to 2700'. Pump 515' Class L cement plug from 2700' to 2185' (Gas Show Formation Plug – Maxton & Sand, & 8-1/4" Csg Shoe Plug). 154 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
9. Free point 8-1/4" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. 38 sks @ 1.14 yield. Do not omit any plugs listed below. Perforate as needed.
10. TOOH w/ tbg to 1993'. Pump 308' Expanding Class L cement plug from 1993' to 1685' (Elevation & Coal Plug). 133 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.

11. TOOH w/ tbg to 1196'. Pump 102' *Expanding Class L* cement plug from 1196' to 1094' (Coal Plug). 44 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
12. TOOH w/ tbg to 535'. Pump 100' Class L cement plug from 535' to 435' (10" Csg Shoe Plug). 43 sks @ 1.14 yield. WOC. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
13. Free point 10" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. 57 sks @ 1.14 yield. Do not omit any plugs listed below. Perforate as needed. *Class L Expanding*
14. TOOH w/ tbg to 130'. Pump 130' Class L cement plug from 130' to Surface (Fresh Water, 13-3/8" Csg Shoe, & Surface Plug). 107 sks @ 1.14 yield. Top off as needed. Perforate as needed.
15. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

AP

4710900490P

OG-10



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Pineville
Permit No. WYO-490

WELL RECORD

Oil or Gas Well Gas
(circle)

Company Hops Natural Gas Co.
Address 445 W. Main St., Clarksburg, W. Va.
Farm Leola S. Damron Acres 2798.29
Location (waters) _____
Well No. 10052 Elev 1943
District Clear Fork County Wyoming
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced March 27, 1957
Drilling completed Sept. 2, 1957
Date Shot 9-4-57 From 3993 To 3429
With 180 qts. Porter
Open Flow 3/4 /10ths Water in 2" Inch
/10ths Merc. in _____ Inch
Volume 245 M Cu. Ft.
Rock Pressure 572# lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED Spike 9-16-57

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13		23	
10		485	Size of _____
8 3/4		2235	
6 3/4		3170	Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 5 FEET _____ INCHES
1144 FEET _____ INCHES 1735 FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED _____

RESULT AFTER TREATMENT 285 M
ROCK PRESSURE AFTER TREATMENT 572#
Fresh Water 80 Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	5			
Coal			5	6			
Slate			6	65			
Sand			65	95			
Slate			95	130			
Sand			130	170			
Slate			170	275			
Sand			275	345			
Slate			345	372			
Sand			372	382			
Slate			382	566			
Sand			566	576			
Slate			576	624			
Sand			624	644			
Slate			644	680			
Sand			680	705			
Slate & Shells			705	770			
Sand			770	820			
Slate & Shells			820	890			
Sand			890	1040			
Slate & Shells			1040	1053			
Sand			1053	1144			
Coal			1144	1146			
Slate			1146	1160			
Sand			1160	1337			
Slate			1337	1355			
Sand			1355	1562			
Sand Broken			1562	1620			
Sand	Hard		1620	1735			

(over)

RECEIVED GAS
Office of Oil and Gas
AUG 29 2024
WV DEPARTMENT OF
Environmental Protection



09/06/2024

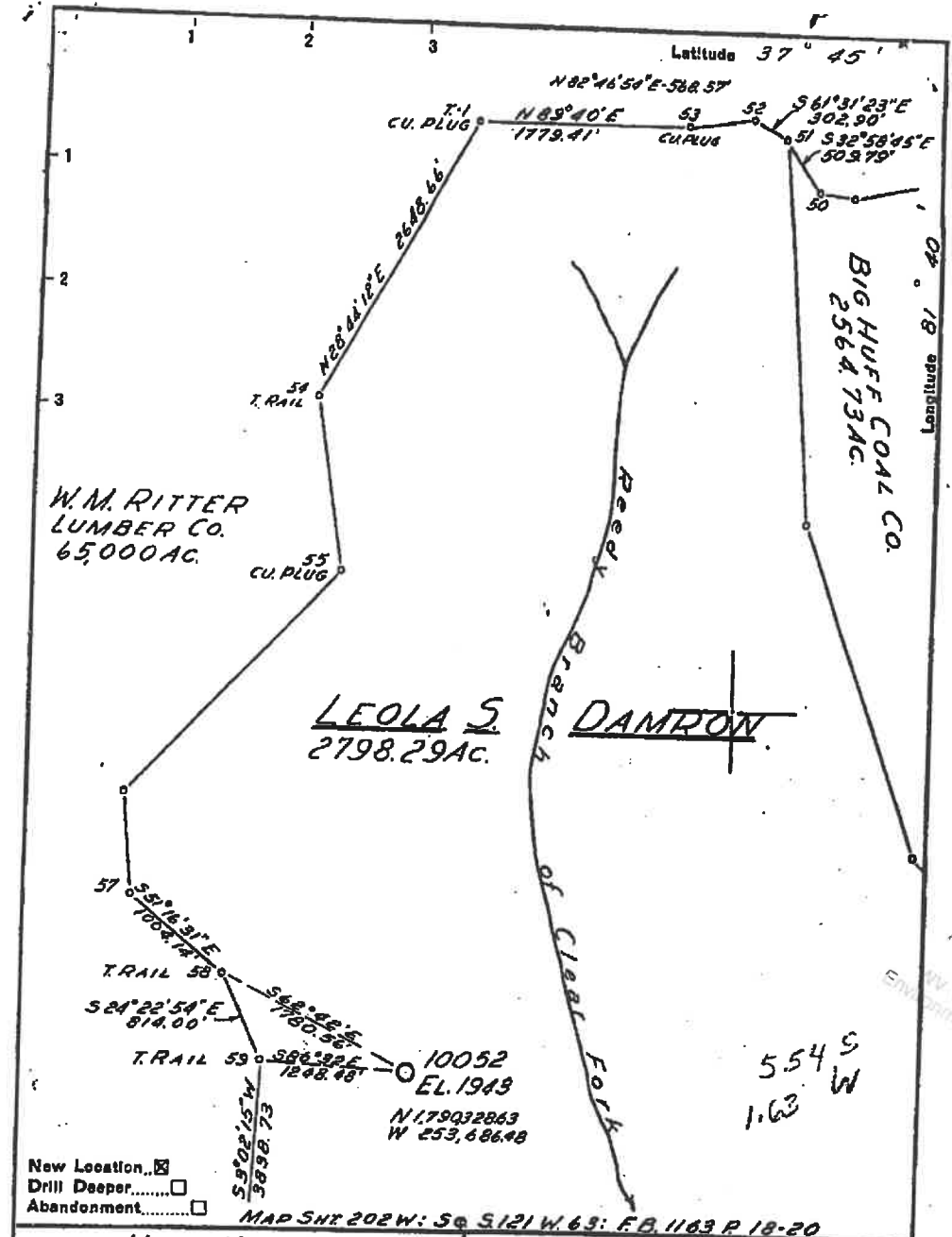
Formation	Color	Hard or Soft	Top $\frac{3}{4}$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			1735	1737			
Sand			1737	1812			
Slate			1812	1827			
Sand			1827	1833			
Slate & Shells			1833	1846			
Sand			1846	2036			
Slate & Shells			2036	2045			
Red Rock			2045	2051			
Slate			2051	2070			
Sand			2070	2081			
Slate			2081	2108			
Red Rock			2108	2137			
Slate			2137	2150			
Sand			2150	2195			
Shale			2195	2216			
Ravenscliff			2216	2309			
Slate			2309	2328			
Sand			2328	2357	Gas	2344	Show
Lime			2357	2380			
Lime-Pink			2380	2417			
Sand			2417	2469			
Lime-Red			2469	2525			
Lime - Grey			2525	2555			
Maxton			2555	2675	Gas	2606	37 M
Lime	Red		2675	2719			
Lime		Gritty	2719	2725			
Sand			2725	2770			
Lime	Pink		2770	2786			
Gritty Lime			2786	2813			
Slate			2813	2816			
Gritty Lime			2816	2850			
Slate & Shells			2850	2855			
Red Lime			2855	2873			
Gritty Lime			2873	2895			
Slate & Shells			2895	2905			
Lower Maxton			2905	2944			
Slate & Shells			2944	3008			
Pencil			3008	3021			
Little Lime			3021	3121			
Lime		-Broken	3121	3141			
Big Lime			3141	3418	Gas	3362-3378	Show
Sand	Red		3418	3495	Gas	3400-3410	19/10 FM 1" 33M
Weir Shells			3495	3980			
Brown Shale			3980	3993	Gas	3993	26 M
Berea			3993	4029			
Slate			4029	4053	Gas	4053	25 M
Total Depth				4053			

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AUG 23 2024
WV Department of
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Date October 16, 19 57

APPROVED Hope Natural Gas Co., Owner
A. R. McCamey Supt. of Prod. & Dist.
By Jack Bailey
(Title)

4710900490P



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Office of Oil and Gas
AUG 2 2 2024
WV Department of
Environmental Protection

New Location
Drill Deeper
Abandonment

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, WEST VA.
 Farm LEOLA S. DAMRON
 Tract _____ Acres 2798.29 Lease No. 62640
 Well (Farm) No. _____ Serial No. 10052
 Elevation (Spirit Level) 1943
 Quadrangle PINEVILLE - N.W.
 County WYOMING District CLEAR FORK
 Engineer Ray H. Bradley
 Engineer's Registration No. 2425
 File No. _____ Drawing No. _____
 Date 2-20-57 Scale 1"=1000'

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

WELL LOCATION MAP
FILE NO. W40-490

+ 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.

4710900490P

Royalty Owners
API 47-109-00490

Eberle A. Damron

Julie R. Damron

Sandra McHolland

Pauline R. Lester

Joseph M. Damron, Jr.

Frances S. Damron

Joy Family Trust

Leland Frances Damron

Edward M. Graves

Elizabeth D. Ellis

Caroly S. Henshaw

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Office of Oil and Gas
AUG 22 2024
WV Department of
Environmental Protection

09/06/2024

WW-4A
Revised 6-07

1) Date: 07/30/2024
2) Operator's Well Number Damron 10052

3) API Well No.: 47 - 109 - 00490

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>Big Huff Timberlands, LLC</u>	Name <u>CM Energy Operations, LP</u>
Address <u>1500 Chestnut St Suite 2 # 1950</u>	Address <u>200 George St. Suite 4</u>
<u>Philadelphia, PA 19102</u>	<u>Beckley, WV 25801</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Big Huff Minerals, LLC</u>
	Address <u>1500 Chestnut St Suite 2 # 1950</u>
	<u>Philadelphia, PA 19102</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Christian Porter</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 181</u>	Name <u>CM Energy Properties, LP</u>
<u>Holden, WV 25625</u>	Address <u>200 George St. Suite 4</u>
Telephone <u>(304) 541-0079</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 Diversified Production, LLC
 By: Chris Veazey
 Its: Director of Administration
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707

Subscribed and sworn before me this 30 day of July, 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.

SURFACE OWNER WAIVER

Operator's Well
Number

4710900490

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

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

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

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

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

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

**FOR EXECUTION BY A NATURAL PERSON
ETC.**

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____

		Signature _____
		Date _____

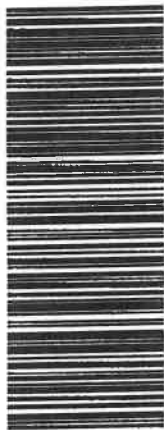
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AUG 22 2024

4710900490

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

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Office of the
AUG 22 2024
WV Department of
Environmental Protection

USPS CERTIFIED MAIL™



9407 1362 0855 1595 9383 25



BIG HUFF TIMBERLANDS, LLC
1500 CHESTNUT ST STE 2 PMB 1950
PHILADELPHIA PA 19102-2700

US POSTAGE AND FEES PAID
2024-07-30
25301
C4000004
Retail
4.0 OZ FLAT



0901000010733



WW-4B

API No. 4710900490
Farm Name Damron
Well No. Damron 10052

**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.

RECEIVED
Office of Oil and Gas
AUG 22 2024
WV Department of
Environmental Protection

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.

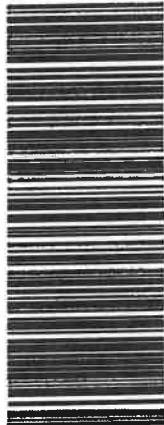
Date: _____

By: _____
Its _____

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

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Office of Oil & Gas
AUG 23 2024
WV Department of Environmental Protection

USPS CERTIFIED MAIL™



9407 1362 0855 1595 9590 23



CM ENERGY OPERATIONS, LP
200 GEORGE ST STE 4
BECKLEY WV 25801-2644

US POSTAGE AND FEES PAID  **eSystop**
2024-07-30
25301
C4000004
Retail
4.0 OZ FLAT

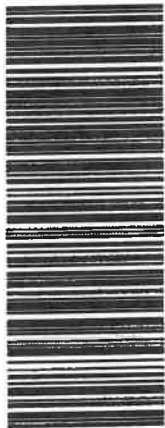
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4710900490P

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

RECEIVED MAIL
Office of Oil and Gas
AUG 29 2024
WV Department of
Environmental Protection

USPS CERTIFIED MAIL™



9407 1362 0855 1595 9792 05



BIG HUFF MINERALS LLC
1500 CHESTNUT ST STE 2 PMB 1950
PHILADELPHIA PA 19102-2700

US POSTAGE AND FEES PAID
2024-07-30
25301
C4000004
Retail
4.0 OZ FLAT

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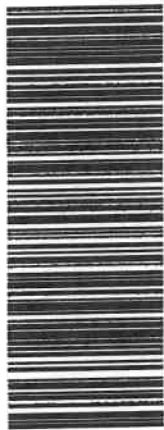


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Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
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9407 1362 0855 1595 9930 72



CM ENERGY PROPERTIES, LP
200 GEORGE ST STE 4
BECKLEY WV 25801-2644

US POSTAGE AND FEES PAID
2024-07-30
25301
C4000004
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4.0 OZ FLAT



0901000010739





DIVERSIFIED
energy

4710900490P

Date: 07/30/2024

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 4710900490 Well Name Damron 10052

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

Sincerely,

Diversified Energy Permitting Department

RECEIVED
Office of Oil and Gas
AUG 22 2024
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) 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

Office RECEIVED
of Oil and Gas
AUG 23 2024
WV Department of
Environmental Protection

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.

Promoting a healthy environment.

- 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 - 109 - 00490
Operator's Well No. Darron 10052

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) Unnamed tributary of Reedy Branch Quadrangle Oceana

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 Director of Administration



Subscribed and sworn before me this 30 day of July, 2024

[Signature] Notary Public

My commission expires September 28, 2028

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

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.

Plan Approved by: [Signature]

Comments: Operator to Cover with Cement all oil and gas formers including Salt, elevation, banks and freshwater.

Title: Inspector Date: 8-27-24

Field Reviewed? Yes No

4710900490








Diversified Gas & Oil Corporation
300 Diversified Way
Pittsville KY, 41051

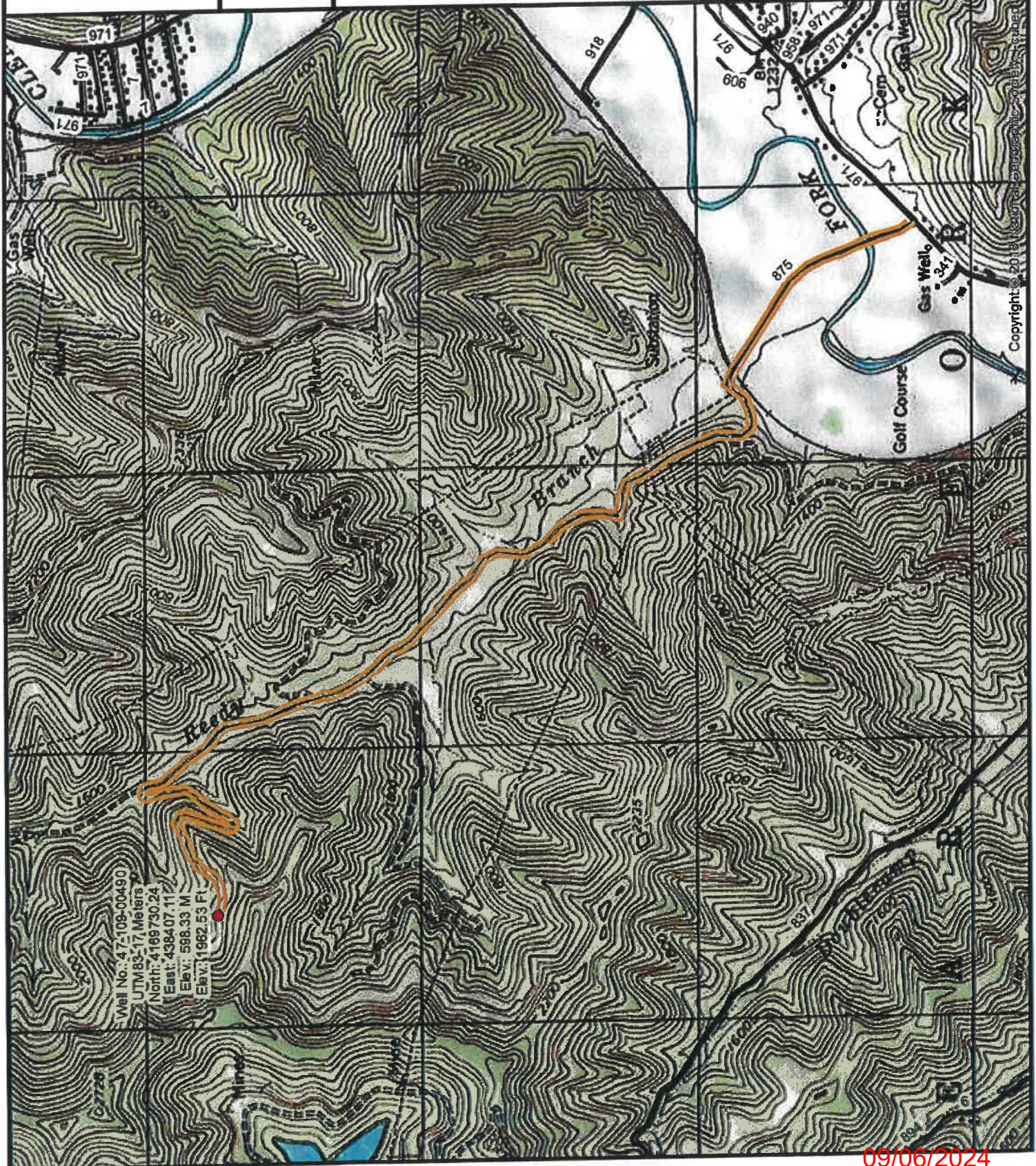
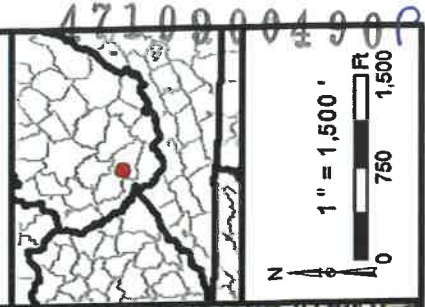
47-109-00490

Well Plugging Map

Legend

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

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Well No.: 47-109-00490
 UTM83-17, Meters
 North: 4169730.24
 East: 438407.11
 Elev: 598.33 M
 Elev: 1962.53 F'

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09/06/2024



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

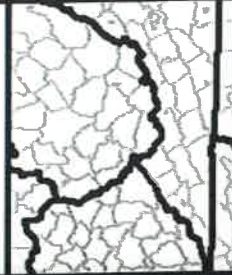
47-109-00490

Well Plugging Map

Legend

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

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Source: Esri, Maxar, Earthstar Geographic, and the GIS User Community

WW-7
8-30-06



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

API: 4710900490 WELL NO.: Damron 10052

FARM NAME: Damron

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Wyoming DISTRICT: Clear Fork

QUADRANGLE: Oceana

SURFACE OWNER: Big Huff Timberlands, LLC

ROYALTY OWNER: See Attached

UTM GPS NORTHING: 4169730.24

UTM GPS EASTING: 438407.11 GPS ELEVATION: 1962.53'

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

7/30/2024
Date

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WV Department of
Environmental Protection



DIVERSIFIED
energy

4710900490f

07/30/2024

Christian Porter
PO Box 181
Holden, WV 26625

Mr. Porter,
Please find enclosed a Permit Application to plug API# 47-109-00490, in Wyoming County, WV.

If you have any questions, comments, or if you require additional information, please feel free to contact me at 304-590-7707.

Thank You,

Chris Veazey
Permitting Supervisor

Diversified Energy Company
414 Summers St.
Charleston, WV 25301
(304) 590-7707
Email: cveazey@dgoc.com

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AUG 29 2024

WV Department of
Environmental Protection

414 Summers Street
Charleston, WV 25301

09/06/2024

11/10/2016

PLUGGING PERMIT CHECKLIST
4710900490

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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