



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, August 26, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 6359
47-061-01485-00-00

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: LEEGAN, BRENT W.
U.S. WELL NUMBER: 47-061-01485-00-00
Vertical Plugging
Date Issued: 8/26/2024

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

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

1) Date August 7, 2024
2) Operator's
Well No. 6359
3) API Well No. 47-061 - 01485

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 _____ Watershed Honey Run
District Batele County Monongalia Quadrangle Wadestown 7.5

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 Name Gayne Kmitowski
Address 21 Enegy Way
Gormaniam, WV 26720
9) Plugging Contractor Name Next LVL Energy (Diversified Owned)
Address 104 Helliport Loop Rd
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 Gayne Kmitowski, Inspector Date 8-12-2024

Digitally signed by Gayne Kmitowski, Inspector
Date: 2024.08.12 09:26:08 -0400

08/30/2024

Plugging Prognosis

API #: 47-061-01485

West Virginia, Monongalia County

Lat/Long – 39.682457, -80.307229

Nearest ER: WHS Greene Emergency Room – 350 Bonar Ave, Waynesburg, PA 15370

Casing Schedule

13-3/8" @ 80' (14 sks)

9-5/8" @ 1126' (Cemented w/ 510 sks)

7", 17ppf @ 2168' (Cemented w/ 300 sks)

4-1/2", 11.6ppf @ 3515' (Cemented w/ 210 sks) – ETOC @ 1135' – Assuming 6-1/4" O.H. & 1.28 Yield TD @ 3613'

Completion: 15 Perfs 3406'-3411' – Bayard

20 Perfs 3343'-3353' – 5th Sand

18 Perfs 2980'-3008' – 30 Foot

Fresh Water: 50', 125', 645'

Salt Water: None Listed

Gas Shows: None Listed

Oil Shows: None Listed

Coal: 43'-46', 1072'-1080'

Elevation: 1322'

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1. Notify Inspector Gayne Knitowski @ 304-546-8171, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Verify is 13-3/8", 9-5/8", & 7" csg have CTS.
4. Check TD w/ sandline/tbg.
5. Pump Gel between each plug.
6. Run in to 3603'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. *555' sk*
7. TOOH w/ tbg to 3431'. Pump ~~388'~~ *TD 3613 sk 3058'* Class L cement plug from ~~3431'~~ *3431'* to ~~3045'~~ *3045'* (Completion Plug – Bayard, 5th Sand & 30 Foot). Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
8. Free point 4-1/2" csg. Compare free point to where Elevation, 7" Shoe (if not cemented over) & Coal Plugs need to be set in following steps. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Do not omit any plugs listed below. Perforate as needed.
9. TOOH w/ tbg to 1372'. Pump 100' Class L cement plug from 1372' to 1272' (Elevation Plug). Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
10. TOOH w/ tbg to 1130'. Pump 108' Expanding Class L cement plug from 1130' to 1022' (Coal Plug). Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed. If operationally feasible can combine with the 4-1/2" csg cut plug, 7" Shoe, Elevation & Coal Plug. *If combined whole plug needs to be Expanding Class L cement.*

08/30/2024

11. TOOH w/ tbg to 695'. Pump 100' Class L cement plug from 695' to 595' (Fresh Water Plug). Tag TOC. Top off as needed. **Perforate as needed.**
12. TOOH w/ tbg to 175'. Pump 175' **Expanding Class L** cement plug from 175' to Surface (Fresh Water, Coal, & Surface Plug.) Tag TOC. Top off as needed. **Perforate as needed.**
13. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Gayne
Knitowski,
Inspector

Digitally signed by Gayne
Knitowski, Inspector
Date: 2024.08.12 07:24:03
-04'00'

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

Jan 13

Well Operator's Report of Well Work

Farm name: Legan, Brent W. Operator Well No.: 6359

LOCATION: Elevation: 1,322' Quadrangle: Wadestown 7.5'

District: Battelle County: Monongalia
Latitude: 9,450 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 4,425 Feet West of 80 Deg. 17 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 1248 Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Terry Urban				
Date Permit Issued: 10/08/2003				
Date Well Work Commenced: 12/30/2004	13 3/8"	80'	80'	14 sks
Date Well Work Completed: 01/19/2005				
Verbal Plugging N/A	9 5/8"	1126'	1126'	510 sks
Date Permission granted on: N/A				
Rotary X Cable Rig	7"	2168'	2168'	300 sks
Total Depth (feet): 3613'				
Fresh Water Depth (ft.): 50',125',645'	4 1/2"	3515'	3515'	210 sks
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? Y				
Coal Depths (ft.): 43.46',1072-1080'				

OPEN FLOW DATA

Producing formation Bayard 5th Sand Pay zone depth (ft) 3406-3411'
Gas: Initial open flow 238 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 158 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock Pressure 550 psig (surface pressure) after 12 Hours

Second producing formation 30 Foot Pay zone depth (ft) 2980-3008'
Gas: Initial open flow * MCF/d Oil: Initial open flow * Bbl/d
Final open flow * MCF/d Final open flow * Bbl/d
Time of open flow between initial and final tests * Hours
Static rock Pressure * psig (surface pressure) after * Hours

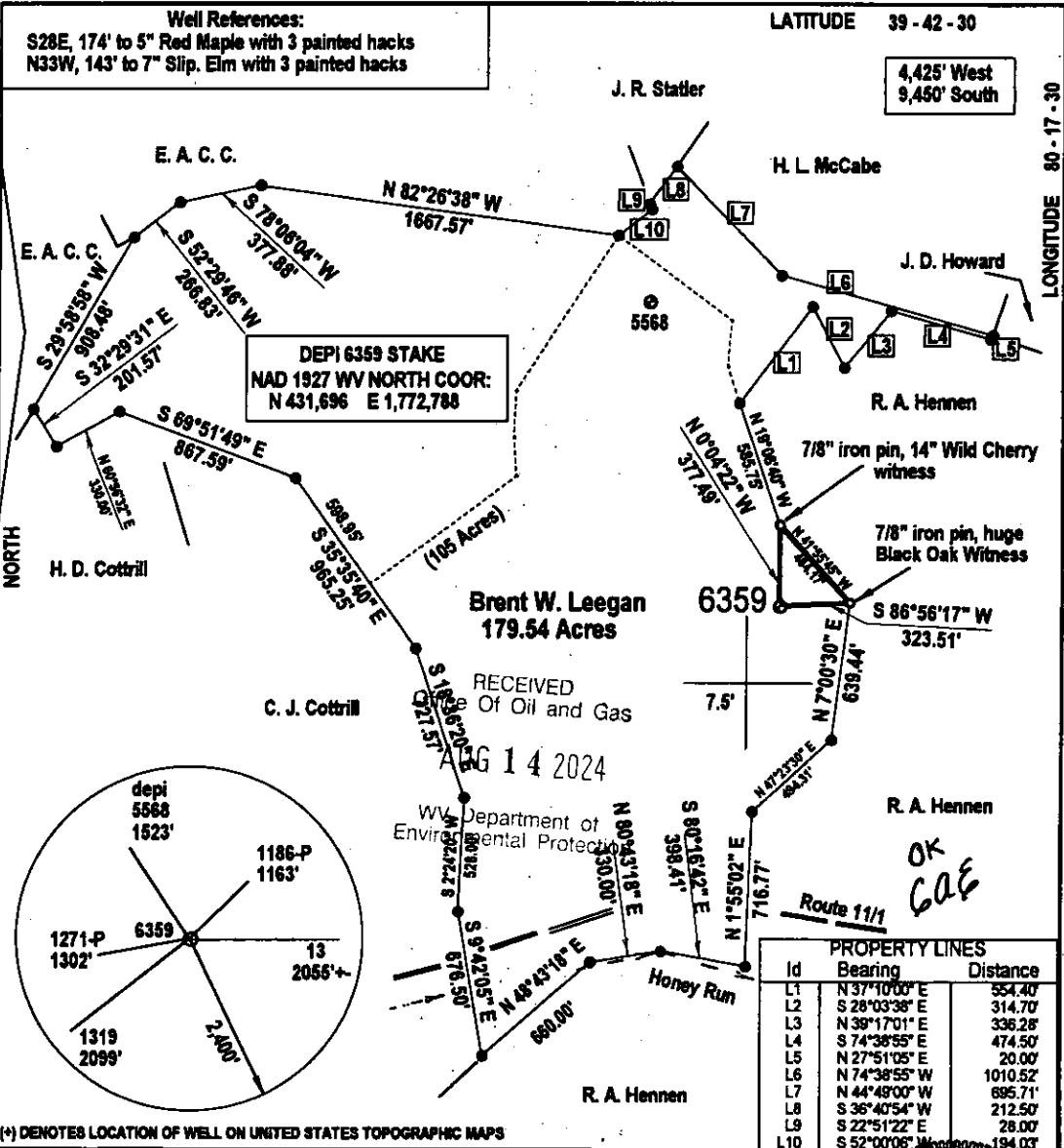
*Commingled with previous formations

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: *RJ Biggs*
By: Rodney J. Biggs
Date: 2/9/05

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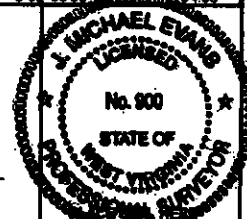
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Office of Chief
FEB 14 2005
WV Department of Environmental Protection



FILE NUMBER: M 13 P 36
 DRAWING NUMBER: depi6359
 SCALE: 1" = 660'
 MINIMUM DEGREE OF ACCURACY: 1 in 2500
 PROVEN SOURCE OF ELEVATION: GPS Survey (sub-meter)

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 ENERGY.

(SIGNED) *J. Michael Evans*
 J. Michael Evans, PS 900



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 25143-2606
 FORM WW-6

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

LOCATION: ELEVATION 1,322' WATERSHED Honey Run
 DISTRICT Battle COUNTY Monongalia
 QUADRANGLE Wadestown 7.5'

SURFACE OWNER Brent W. Leegan ACREAGE 179.54
 OIL & GAS ROYALTY OWNER Brent W. Leegan LEASE ACREAGE 179.54

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION Bayard PLUG & ABANDON CLEAN OUT & REPLUG
 ESTIMATED DEPTH 3600'

WELL OPERATOR Dominion Exploration & Production, Inc. DESIGNATED AGENT Rodney J. Biggs
 ADDRESS P. o. Box 1248, Jane Lew, WV 26378 ADDRESS P. o. Box 1248, Jane Lew, WV 26378

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5782

DATE: August 2, 2003
 OPERATORS WELL NO.: 6359
 API WELL NO. 47-061-01485
 STATE COUNTY PERMIT

COUNTY NAME
 PERMIT

08/30/2024

01/19/2004 PLAN TO FRAC TODAY.

PERFED AND FRACED AS FOLLOWS:

BAYARD, 3406 - 3411', 15 HOLES, BD 3300#, AVG RATE 13 BPM,
AVG PRESS 2985#, 269 BBLs,

TOT SAND 15,000#, 28 MSCFN2, ISIP 2520#

5TH SAND, 3343 - 3353', 20 HOLES, BD 3500#, AVG RATE 13 BPM, AVG PRESS 3190#, 257
BBLs,

TOT SAND 4000#, ISIP 2450#

30 FT., 2980 - 3008', 18 HOLES, BD 3800#, AVG RATE 13 BPM, AVG PRESS 3165#, 307 BBLs,

TOT SAND 12,000#, ISIP 2330#

Fill	0	5
Sand & Shale	5	20
Sand	20	30
RR	30	40
Sand & Shale	40	43
Coal	43	46
Sand & Shale	46	75
Sand	75	115
Sand & Shale	115	250
Sand	250	285
Sand & Shale	285	335
Sand	335	430
Sand & Shale	430	605
Sand	605	630
Sand & Shale	630	910
Sand	910	946
Sand & Shale	946	1071
Coal	1072	1080
Sand & shale	1080	1960
Salt Sand	1960	2060
Sand & shale	2060	2115
RR & Shale	2115	2150
Sand & shale	2150	2247

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GAMMA RAY / FORMATION TOPS					
DEP# 6359		047-061-01485			
			TOP	BASE	
LITTLE LIME			2247	2284	
BIG LIME			2284	2362	
KEENER SAND			2362	2390	
BIG INJUN SAND			2390	2561	
50 FOOT			2980	3033	
30 FOOT			3093	3131	
GORDON SAND			3237	3225	
5TH SAND			3341	3364	
BAYARD SAND			3405	3474	
LTD			3620		

WW-4A
Revised 6-07

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1) Date: 8/7/2024
2) Operator's Well Number 6359
3) API Well No.: 47 - 061 - 01485

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>Brent W. Legan</u>	Name <u>Phoenix Federal No. 2 Mining, LLC</u>
Address <u>195 Honey Run Rd.</u>	Address <u>863 Quail Valley Dr.</u>
<u>Fairview, WV 26570</u>	<u>Princeton, WV 24740</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Phoenix Energy Resources, LLC</u>
(c) Name _____	Address <u>863 Quail Valley Dr.</u>
Address _____	<u>Princeton, WV 24740</u>
6) Inspector <u>Gayne Knitowski</u>	(c) Coal Lessee with Declaration
Address <u>21 Enegy Way</u>	Name _____
<u>Gormanian, WV 26720</u>	Address _____
Telephone <u>(304) 546-8171</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 7th day of August, 2024
Jeffrey Bush Notary Public
 My Commission Expires September 28, 2028

Oil and Gas Privacy Notice

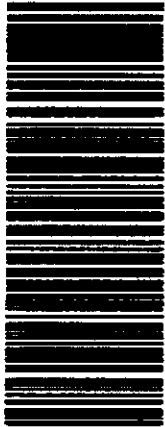
The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory 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 depprivacyoffier@wv.gov.

08/30/2024

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

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Office Of Oil and Gas
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USPS CERTIFIED MAIL™



9407 1362 0855 1651 7962 76



BRENT W LEGAN
195 HONEY RUN RD
FAIRVIEW WV 26570-6045

US POSTAGE AND FEES PAID easypost
2024-08-07
26301
C4000004
Retail
4.0 OZ FLAT
0901000010744



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

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USPS CERTIFIED MAIL™



9407 1362 0855 1651 8179 39



PHOENIX ENERGY RESOURCES LLC
863 QUAIL VALLEY DR
PRINCETON WV 24740-4162

US POSTAGE AND FEES PAID 
2024-08-07
25301
CA000004
Retail
410 02PLAT

0901000010749

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

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USPS CERTIFIED MAIL™



9407 1362 0855 1651 8294 20



PHOENIX FEDERAL NO 2 MINING LLC
863 QUAIL VALLEY DR
PRINCETON WV 24740-4162

US POSTAGE AND FEES PAID 
2024-08-07
25301
C4000004
Retail
4.0 OZ FLAT

0901000000774

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) Honey Run Quadrangle Wadestown 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 _____)

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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 7th day of August, 2024

[Signature] Notary Public

My commission expires September 28, 2028

08/30/2024

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

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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: Gayne Knitowski, Inspector
20240812 11:21:42 AM

Comments: _____

Title: Inspector Date: 8-12-2024

Field Reviewed? Yes No



DIVERSIFIED
energy

Date: 8/7/2024

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

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Mr. Martin,

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

API Number 4706101485 Well Name 6359

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

Sincerely,

Diversified Energy Permitting Department



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.

Promoting a healthy environment.

08/30/2024

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

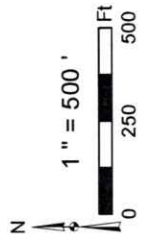
47-061-01485

Well Plugging Map

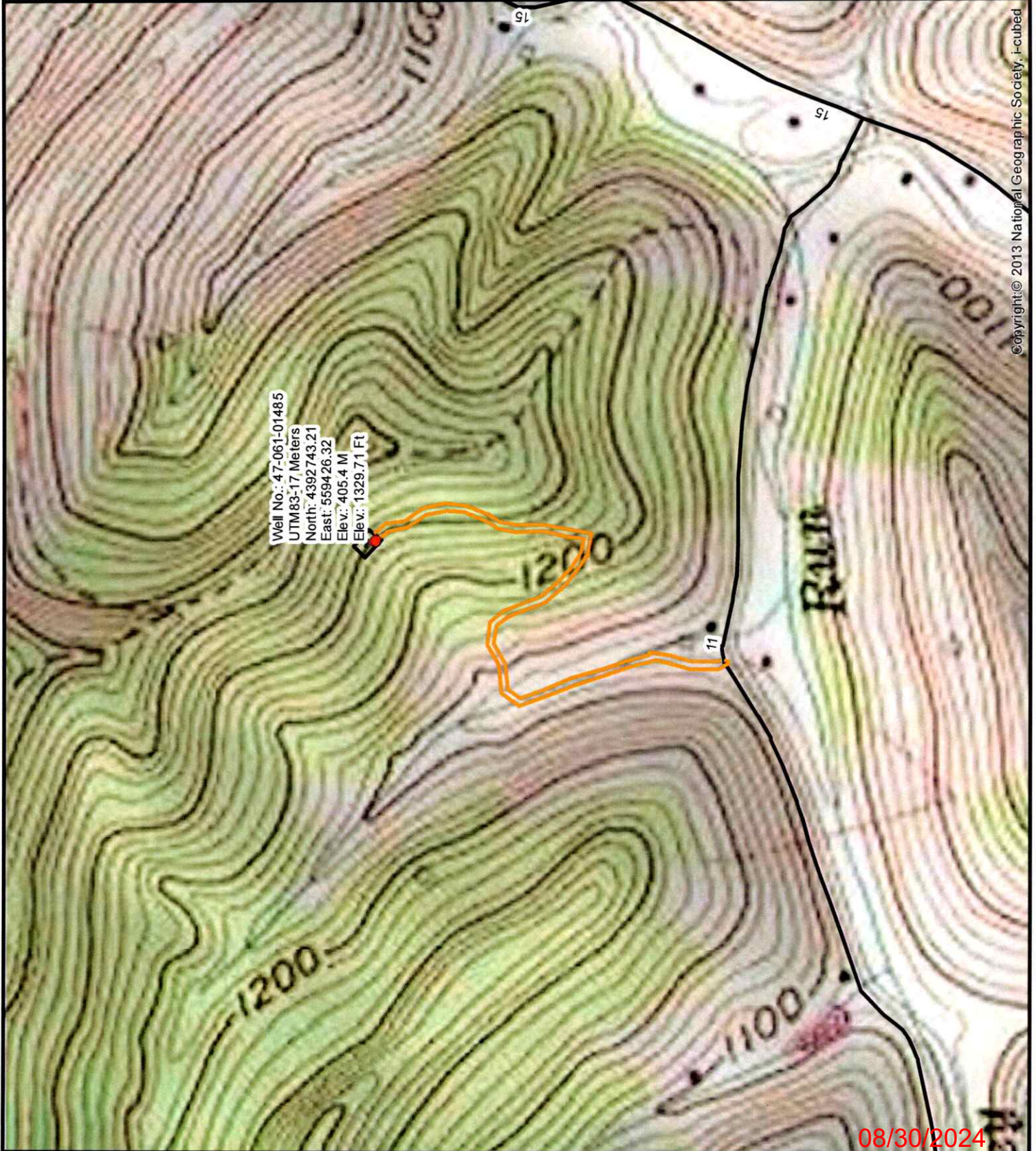
Legend

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

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 WV Department of
 Environmental Protection



Well No.: 47-061-01485
 UTM83-17 Meters
 North: 4392743.21
 East: 559426.32
 Elev.: 405.4 M
 Elev.: 1329.71 Ft



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

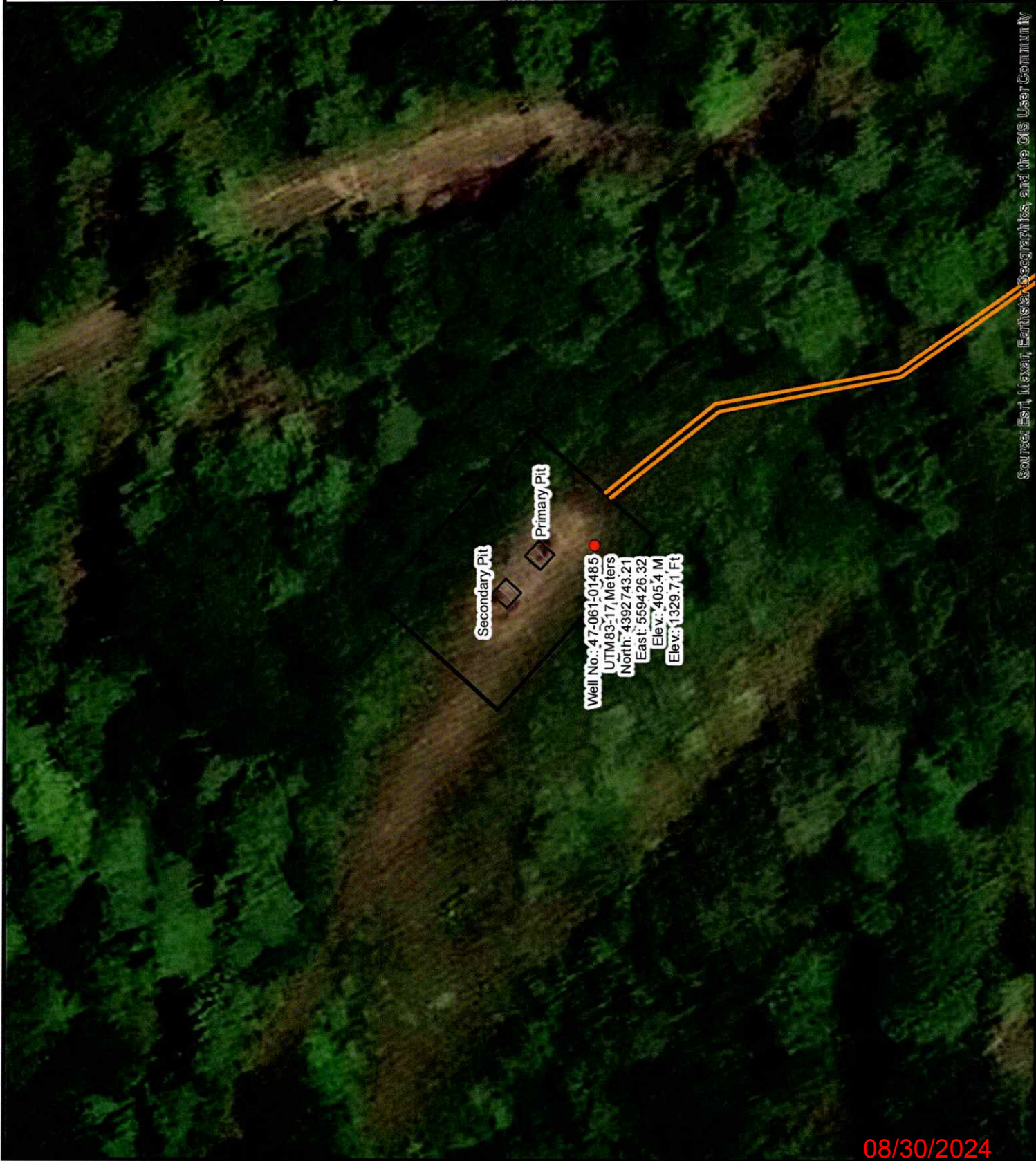
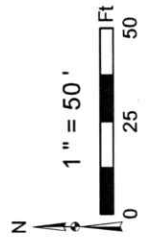
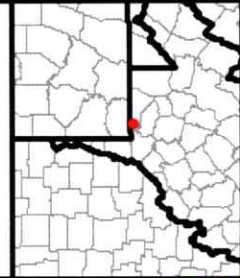
47-061-01485

Well Plugging Map

Legend

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

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Secondary Pit

Primary Pit

Well No.: 47-061-01485
 UTM 83-17, Meters
 North: 4392743.21
 East: 559426.32
 Elev.: 405.4 M
 Elev.: 1329.71 Ft

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

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WW-7
8-30-06



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

API: 4706101485 WELL NO.: 6359

FARM NAME: Leegan, Brent W.

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Monongalia DISTRICT: Batelle

QUADRANGLE: Wadestown 7.5'

SURFACE OWNER: Brent W. Legan

ROYALTY OWNER: Brent W. Legan

UTM GPS NORTHING: _____

UTM GPS EASTING: _____ GPS ELEVATION: _____

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS _____: Post Processed Differential _____

Real-Time Differential _____

Mapping Grade GPS 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

Chris Veazey - Director of Administration
Title

8/7/24
Date

08/30/2024

WW-4B

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Environmental Protection

API No. 4706101485

Farm Name Leegan, Brent W.

Well No. 6359

**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 _____

08/30/2024

**STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION**

1) Well Operator Dominion Exploration & Production, Inc. i 652

	Monongalia	Battelle	Wadestown
Operator ID	County	District	Quadrangle

2) Operator's Well Number: 6359 3) Elevation: 1322

4) Well Type: (a) Oil _____ or Gas X
 (b) If Gas: Production X / Underground Storage _____
 Deep _____ / Shallow _____

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5) Proposed Target Formation(s): Bayard

6) Proposed Total Depth: 3600 Feet

7) Approximate fresh water strata depths: 20

8) Approximate salt water depths: 1600

9) Approximate coal seam depths: 1070

10) Does land contain coal seams tributary to active mine? Yes

11) Describe proposed well work Drill new well.

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	16			20	20	Sand In
Fresh Water	13.375	L.S.	48	80	80	CTS
Coal	9.625	L.S.	32.30	1120	1120	CTS
Intermediate	7.00	L.S.	17	1700	1700	CTS
Production	4.50	N-80	11.6	3600	3600	150 sks
Tubing						
Liners						

TU
953
MR

Packers: Kind _____
 Sizes _____
 Depths Set _____

CL# 6985
450.

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11/10/2016

PLUGGING PERMIT CHECKLIST
4706101485

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

08/30/2024



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

plugging permits issued 4706101480 01485 01329

1 message

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

Mon, Aug 26, 2024 at 10:11 AM


To: Nicholas Bumgardner <nbumgardner@dgoc.com>, Chris Veazey <CVeazey@dgoc.com>, Gayne J Knitowski <gayne.j.knitowski@wv.gov>, mmusick@assessor.org


To whom it may concern, plugging permits have been issued for 4706101480 01485 01329.


James Kennedy

WVDEP OOG

3 attachments

 **4706101485.pdf**
2476K

 **4706101480.pdf**
2534K

 **4706101329.pdf**
2525K

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