



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, February 24, 2025
WELL WORK PLUGGING PERMIT
Coal Bed Methane Well Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for MM-12C
47-081-01502-00-00

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: MM-12C
Farm Name: J & N PROCESSING, LLC
U.S. WELL NUMBER: 47-081-01502-00-00
Coal Bed Methane Well Plugging
Date Issued: 2/24/2025

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 January 9, 2025
2) Operator's
Well No. J N PROCESSING LLC MM-12C
3) API Well No. 47-081 -01502

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 2025.34' Watershed Maple Meadow Creek
District Trap Hill County Raleigh Quadrangle Amett 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 9) Plugging Contractor
Name Murdoch 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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Office Of Oil and Gas
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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 Murdoch Howard Date 1/10/25

Plugging Prognosis

API #: 47-081-01502

West Virginia, Raleigh County

Lat/Long – 37.755289, -81.380655

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

Casing Schedule

20" @ 20' – No Cementing Information

13-3/8" @ 281' – CTS w/ 230 sks

9 5/8" @ 915' – CTS w/ 300 sks

7" @ 1016' – CTS w/ 200 sks

2-7/8" @ 1184' – No Cementing or Packer Information

MH
1/10/25

TD listed as 1326' – listed on Form WR-35

Estimated kickoff @ unknown

This well was permitted as a vertical. The plat shows a pinnate drilled from this wellbore.

Estimated lateral from plat

- MM-12C Pinnate

- 19,843' x 4.75" Hole ID = 652 BBL w/ 150% excess

Fresh Water: 250'

Salt Water: None listed

Gas Shows: None listed

Oil Shows: None listed

Coal: 875'-881', 1013'-1015', 1150'-1153', 1194'-1196', 1198'-1201'

Elevation: 2040'

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1. Notify Inspector Murdock Howard @ (681) 990-2568, 48 hrs prior to commencing operations.
2. Record pressure on csg.
3. Pump gel between each plug.
4. TOOH w/ rods & 2-7/8" tbg.
5. Verify TD w/ sandline/wireline/tbg.
6. Kill well as needed with 6% bentonite gel. Proceed to load wellbore with 652 BBL (150% capacity) gel until wellbore is filled.
7. TIH w/ tbg to 1251'. Pump 426' *Expandable Class L/Class A* cement plug from 1251' to 825' (Coal, 7" Csg Shoe, & 9-5/8" Csg Shoe Plug). Approximately 131 sks @ 1.14 yield. Tag TOC. Top off as needed.
8. TOOH w/ tbg to 331'. Pump 331' *Class L/Class A* cement plug from 331' to Surface (13-3/8" Csg Shoe, Freshwater, & Surface Plug). Approximately 68 sks @ 1.14 yield. Top off as needed.
9. Reclaim site and set monument per WV DEP regulations.

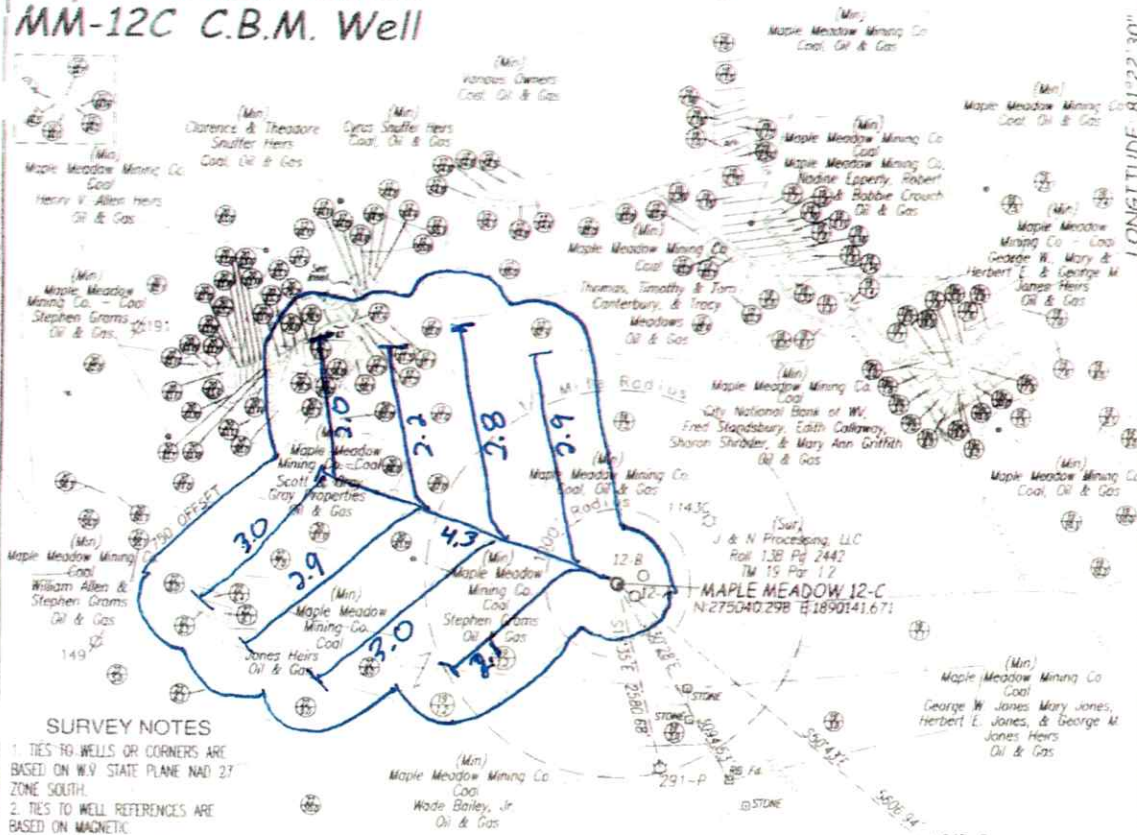
02/28/2025

Maple Meadow Lease MM-12C C.B.M. Well

LATITUDE 37°47'30"

WV South N.A.D. 27 GRID NORTH

LONGITUDE 81°22'30"

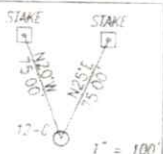


SURVEY NOTES

1. TIES TO WELLS OR CORNERS ARE BASED ON WV STATE PLANE NAD 27 ZONE SOUTH.
2. TIES TO WELL REFERENCES ARE BASED ON MAGNETIC.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM ROLL 138 PAGE NO.2442 OF RECORD IN RALEIGH COUNTY C.H.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(RTK-SURVEY GRADE).

$$\frac{25.2 \text{ cm}}{2.54} = 9.92 \times 2000' = 19,843'$$

7.5' Topo Location



MINERAL BOUNDARY
SURFACE BOUNDARY

No other known gas wells within 2540' of this location.
Water wells may exist within 1,000' of this location
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

Benchmark Surveying, Inc.
Suite 4 50 Coney Branch Road
Chapmanville, WV 25508
304-855-7646
304-855-7647 Fax

FILE NO. 2008-217
DRAWING NO. _____
SCALE 1" = 2,000'
MINIMUM DEGREE OF ACCURACY 1:2,500'
PROVEN SOURCE OF ELEVATION Pond Fork No. 1 Mon.
Via Opus observation

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
(SIGNED) *[Signature]*
P.S. 837-SU

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WV Department of Environmental Protection

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

DATE: November 3rd, 2008
OPERATOR'S WELL NO. MM-12C
API WELL NO. _____

47 - 081 - 01502
STATE COUNTY PERMIT

(IF "GAS.") PRODUCTION STORAGE DEEP SHALLOW C.B.M.
ELEVATION 2040.26 WATER SHED Un-named Tributary of Maple Meadow Creek of Marsh Fork of the Big Coal River
DISTRICT Trap Hill COUNTY Raleigh
QUADRANGLE Arnett, W.V. 7.5'

SURFACE OWNER J & N Processing, LLC (formerly Maple Meadow Mining Co.) ACREAGE 862.72 Acres
OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____
LEASE NO. _____

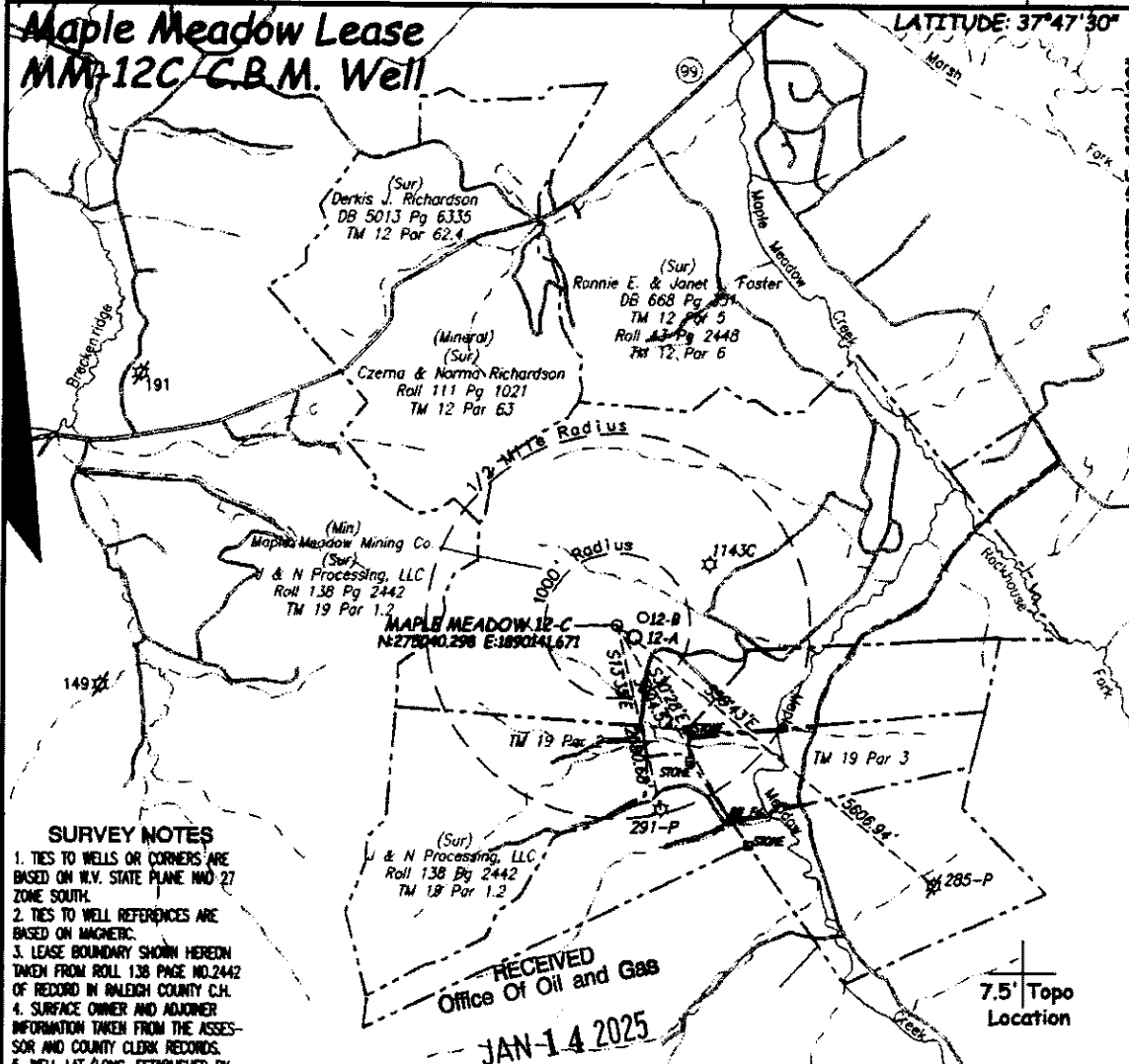
PROPOSED WORK DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION Pocahontas No. 3 & Penn Coals ESTIMATED DEPTH _____
WELL OPERATOR CDX GAS, LLC DESIGNATED AGENT Mike McCown
ADDRESS 101 N. Kanawha St. 4th Floor, Beckley WV 25801 ADDRESS 101 N. Kanawha St. 4th Floor, Beckley WV 25801

02/28/2025

Maple Meadow Lease MM-12C / C.B.M. Well

WV South N.A.D. 27 GRID NORTH



LONGITUDE: 81°22'30"

13,450.73

SURVEY NOTES

1. TIES TO WELLS OR CORNERS ARE BASED ON W.V. STATE PLANE 1402 ZONE SOUTH.
2. TIES TO WELL REFERENCES ARE BASED ON MAGNETIC.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM ROLL 138 PAGE NO.2442 OF RECORD IN RALEIGH COUNTY C.H.
4. SURFACE OWNER AND ADJACENT INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(RTK-SURVEY GRADE).

No other known gas wells within 2840' of this location.
 Water wells may exist within 1,000' of this location.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

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Benchmark Surveying, Inc.
 Suite 4 90 Conroy Branch Road
 Chapmanville, W.V. 25908
 304-825-7646
 304-825-7647 Fax

7.5' Topo
 Location

FILE NO. 2008-100
 DRAWING NO. _____
 SCALE 1" = 2,000'
 MINIMUM DEGREE OF ACCURACY 1:2,500'
 PROVEN SOURCE OF ELEVATION Pond Fork No. 1 Mon
Via Opus observation

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
 (SIGNED) Kenneth D. Bias
 P.S. 837-SU



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

DATE: June 19th, 2008
 OPERATOR'S WELL NO. MM-12C
 API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE COUNTY PERMIT
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___ C.B.M.

LOCATION: ELEVATION 2040.26' WATER SHED Un-named Tributary of Maple Meadow Creek of Marsh Fork of the Big Coal River
 DISTRICT Trap Hill COUNTY Raleigh

QUADRANGLE Arnett, W.V. 7.5'

SURFACE OWNER J & N Processing, LLC (formerly Maple Meadow Mining Co.) ACREAGE 862.72 Acres
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

LEASE NO. _____

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Arnett No. 3 & Penn Coals ESTIMATED DEPTH _____

WELL OPERATOR C.D.X. GAS LLC DESIGNATED AGENT Mike McCown
 ADDRESS 101 N. Kanawha St. 4th Floor, Beckley WV 25801 ADDRESS 101 N. Kanawha St. 4th Floor, Beckley WV 25801

FORM WW-6

Raleigh
COUNTY NAME PERMIT

LATITUDE: 37°45'18.633"N
N:275,204.967'

02/28/2025

WR-35
Rev (8-10)

DATE: 03/29/2011
API#: 47-081-01502

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

Well Operator's Report of Well Work

Farm name: J&N Processing, LLC

Operator Well No: MM-12C

LOCATION: Elevation: 2,040 feet

Quadrangle: Arnett

District: Trap Hill

County: Raleigh

Latitude: 13451 Feet South of 37 Deg. 47 Min. 30 Sec.

Longitude: 1681 Feet West of -81 Deg. 22 Min. 30 Sec.

Company: Vitruvian Exploration, LLC

Address: <u>4 Waterway Square, Ste. 400 The Woodlands, TX. 77380</u>	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
	<u>20"</u>	<u>20'</u>	<u>20'</u>	
	<u>13-3/8"</u>	<u>281'</u>	<u>281'</u>	<u>230</u> sks
Agent:	<u>9-5/8"</u>	<u>915'</u>	<u>915'</u>	<u>300</u> sks
Inspector:	<u>7"</u>	<u>1,016'</u>	<u>1,016'</u>	<u>200</u> sks
Date Permit Issued: <u>07/17/2008</u>	<u>2-7/8"</u>		<u>1,184'</u>	
Date Well Work Commenced: <u>09/11/2008</u>				
Date Well Work Completed: <u>09/20/2008</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Vertical Depth (ft): <u>1,326</u> ft				
Total Measured Depth (ft): <u>1,326</u> ft				
Fresh Water Depth (ft.): <u>250</u> ft				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)? <u>Y</u>				
Coal Depths (ft.): <u>Lower Beckley - 875'; Pocn 6 - 1013'</u>	<u>Poca 3 - 1150'</u>	<u>Poca 2A - 1194'</u>	<u>Poca 2 - 1198'</u>	
Void(s) encountered (N/Y) <u>N</u>				

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APR 05 2011

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Environmental Protection

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Poca 2A Pay zone depth (ft) 1194' - 1196'

Gas: Initial open flow _____ MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow _____ MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation Poca 2 Pay zone depth (ft) 1198' - 1201'

Gas: Initial open flow _____ MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow _____ MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

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I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments 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.

James Black
Signature

3/29/2011
Date

02/28/2025

MM 12C

Formations Encountered:	Total Depth	Bottom Depth
SandStone	0	69
Sandy-Shale	69	91
SandStone	91	103
Sandy-Shale	103	119
SandStone	119	295
Shale	295	380
SandStone	380	461
Shale	461	485
SandStone	485	495
Shale	495	505
SandStone	505	526
Shale	526	530
SandStone	530	533
Shale	533	575
SandStone	575	579
Shale	579	584
SandStone	584	594
Sewell Coal	594	596
Shale	596	600
SandStone	600	617
Shale	617	647
SandStone	647	773
Shale	773	836
SandStone	836	845
Shale	845	875
Lower Beckley Coal	875	881
SandStone	881	888
Shale	888	920
SandStone	920	928
Shale	928	931
SandStone	931	970
SiltStone	970	996
SandStone	996	1013
Pocahontas 6 Coal	1013	1015
Shale	1015	1043
Sandy-Shale	1043	1087
Shale	1087	1098
SandStone	1098	1105
Shale	1105	1112
SandStone	1112	1117
Shale	1117	1122
SandStone	1122	1134
Shale	1134	1139
SandStone	1139	1143

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Shale	1143	1150
Pocahontas 3 Coal	1150	1153
Shale	1153	1176
SandStone	1176	1180
Shale	1180	1186
Sandy-Shale	1186	1190
Shale	1190	1194
Pocahontas 2A Coal	1194	1196
Shale	1196	1198
Pocahontas 2 Coal	1198	1201
Shale	1201	1216
Sandy-Shale	1216	1238
Shale	1238	1290
SandStone	1290	1302
Shale	1302	1312
SandStone	1312	1327

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02/28/2025

1) Date: 1/9/2025
2) Operator's Well Number J N PROCESSING LLC MM-12C

3) API Well No.: 47 - 081 - 01502

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

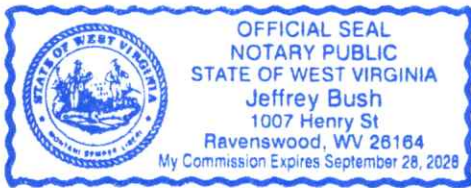
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Maple Meadow Land Company</u>	Name <u>Mountain Eagle Land, LLC</u>
Address <u>838 Euclid Ave. Ste 403</u>	Address <u>836 Euclid Ave.</u>
<u>Lexington, KY 40502</u>	<u>Lexington, KY 40502</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Maple Meadow Mining Company</u>
	Address <u>PO Box 271</u>
	<u>Julian, WV 25529</u>
(c) Name _____	Name <u>Alpha Land & Reserves, LLC</u>
Address _____	Address <u>PO Box 261</u>
	<u>Julian, WV 25529</u>
6) Inspector <u>Murdock Howard</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 140</u>	Name <u>None Identified</u>
<u>Oak Hill, WV 25901</u>	Address _____
Telephone <u>(681) 990-2568</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: Austin Sutler *Austin Sutler*
 Its: Manager Plugging Operations
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707

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JAN 14 2025

Subscribed and sworn before me this 9th day of January, 2025
Jeffrey Bush Notary Public
 My Commission Expires September 28, 2028

WV Department of Environmental Protection

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.

02/28/2025

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

US POSTAGE AND FEES PAID
2025-01-09
25301
C4000004
Retail
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0901000010742



USPS CERTIFIED MAIL™



9407 1362 0855 1275 9189 51



ALPHA LAND & RESERVES LLC
PO BOX 261
JULIAN WV 25529-0261

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JAN 14 2025
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1/9/25, 1:56 PM

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Permitting Department
414 SUMMERS STREET
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CHARLESTON WV 25301

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MAPLE MEADOW MINING CO
PO BOX 271
JULIAN WV 25529-0271

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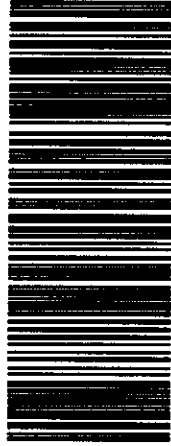
Diversified Gas & Oil Corporation
Permitting Department
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CHARLESTON WV 25301

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C4000004
Retail
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0901000010776



USPS CERTIFIED MAIL™



9407 1362 0855 1275 9188 83



MOUNTAIN EAGLE LAND LLC
836 EUCLID AVE
LEXINGTON KY 40502-1783

02/28/2025

1/9/25, 1:54 PM

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

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2025-01-09
25301
C4000004
Retail
4.0 OZFLAT
0901000010776

USPS CERTIFIED MAIL™



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MAPLE MEADOW LAND COMPANY
838 EUCLID AVE APT 403
LEXINGTON KY 40502-1700

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JAN 14 2025
WV Department of
Environmental Protection

WW-9
(5/16)

API Number 47 - 081 - 01502
Operator's Well No. J N PROCESSING LLC MM-12C

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)Maple Meadow Creek Quadrangle Arnett 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

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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 _____)

WV Department of Environmental Protection

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 *Austin Sutler*
Company Official (Typed Name) Austin Sutler
Company Official Title Manager Plugging Operations



Subscribed and sworn before me this 9th day of January, 2025

Jeffrey Bush Notary Public

My commission expires September 28, 2028

02/28/2025

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: Murdock Howell

Comments: operator to cover with cement all oil and gas formations including salt, plankton, coal and freshwater.

Title: Inspector Date: 1/10/25

Field Reviewed? Yes No

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WV Department of
Environmental Protection



DIVERSIFIED
energy

Date: 1/9/2025

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 4708101502 Well Name J N PROCESSING LLC MM-12C

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

Sincerely,

Diversified Energy Permitting Department

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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.

Promoting a healthy environment.

02/28/2025

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

47-081-01502

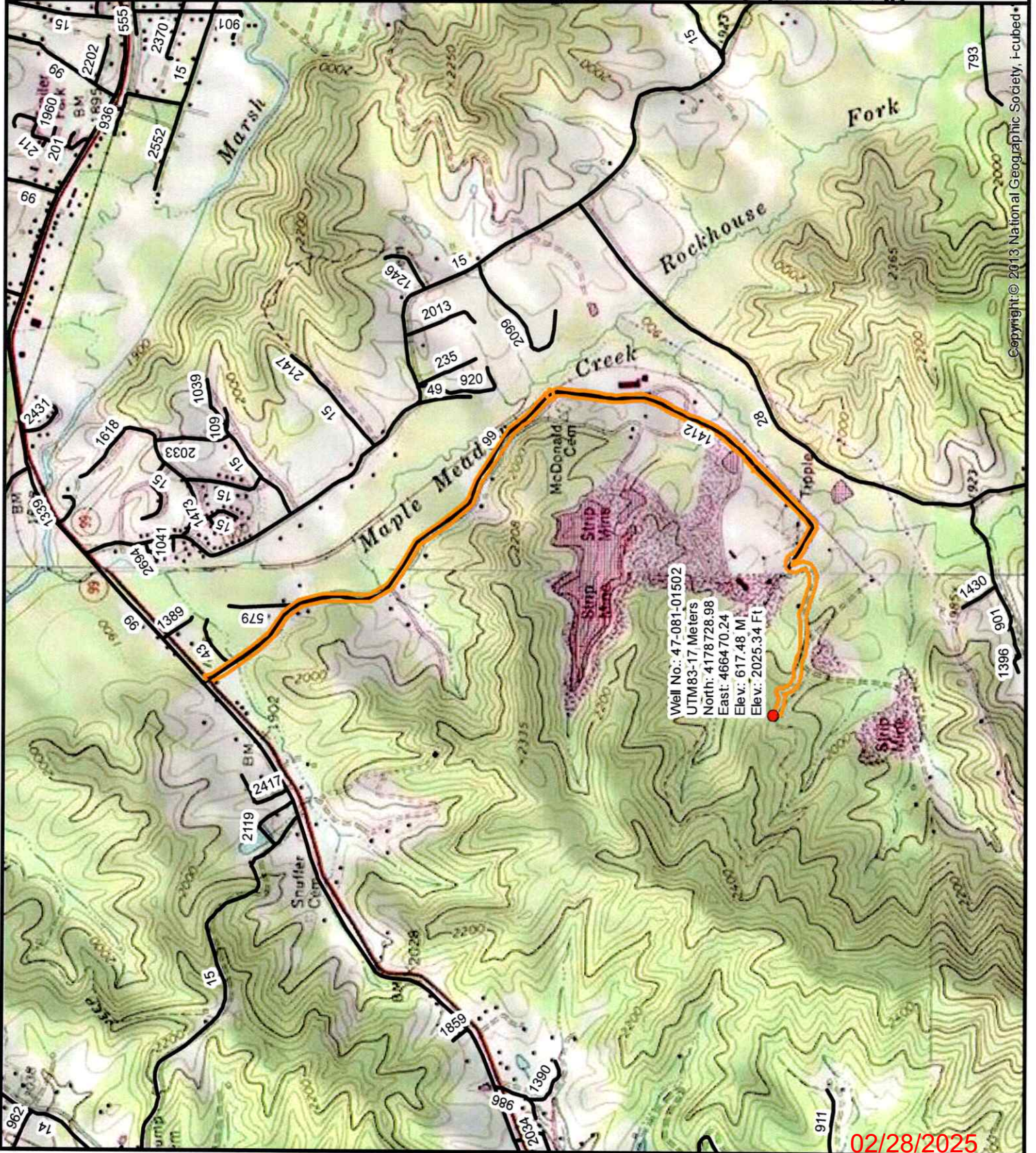
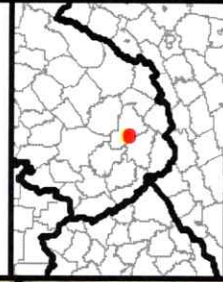
Plugging Map

Legend

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

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

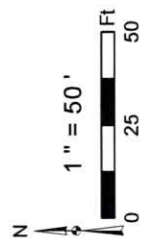
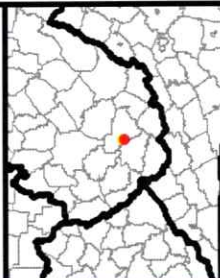
47-081-01502

Plugging Map

Legend

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

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Well No.: 47-081-01502
UTM83-17, Meters
North: 4178728.98
East: 466470.24
Elev.: 617.48 M
Elev.: 2025.34 Ft

Primary Pit

Secondary Pit

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

02/28/2025

WW-7
8-30-06



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

API: 4708101502 WELL NO.: J N PROCESSING LLC MM-12C

FARM NAME: J&N Processing, LLC

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Raleigh DISTRICT: Trap Hill

QUADRANGLE: Arnett 7.5'

SURFACE OWNER: Maple Meadow Land Company

ROYALTY OWNER: Maple Meadow Mining Co.

UTM GPS NORTHING: 4178728.98

UTM GPS EASTING: 466470.24 GPS ELEVATION: 2025.34

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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 : Post Processed Differential
Real-Time Differential
- Letter size copy of the topography map showing the well location.**

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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.

Austin Sutler
Signature

Austin Sutler - Manager Plugging Operations
Title

1/9/25
Date

02/28/2025

WW-4B

API No.	<u>4708101502</u>
Farm Name	<u>J&N Processing, LLC</u>
Well No.	<u>J N PROCESSING LLC MM-12C</u>

**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 _____

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SURFACE OWNER WAIVER

Operator's Well
Number

4708101502

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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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,

Signature

Date

Name
By
Its

Date

Signature

Date
02/28/2025

11/10/2016

PLUGGING PERMIT CHECKLIST
4708101502

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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2025
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02/28/2025



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

plugging permit approved 4708101502

1 message

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

Mon, Feb 24, 2025 at 9:45 AM


To: Roy W Howard <roy.w.howard@wv.gov>, Nicholas Bumgardner <nbumgardner@dgoc.com>, Chris Veazey <CVeazey@dgoc.com>, raleigh@wvassessor.com


To whom it may concern, a plugging permit has been issued for 4708101502.

James Kennedy

WVDEP OOG

2 attachments

 **4708101502.pdf**
2778K

 **4708101502.pdf**
2778K

02/28/2025