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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, July 8, 2024

WELL WORK PLUGGING PERMIT  
Coal Bed Methane Well Plugging

DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for BCC-002A  
47-081-01420-00-00

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: BCC-002A  
Farm Name: BEAVER COAL COMPANY  
U.S. WELL NUMBER: 47-081-01420-00-00  
Coal Bed Methane Well Plugging  
Date Issued: 7/8/2024

## 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

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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 May 8, 2024  
2) Operator's  
Well No. BCC002A  
3) API Well No. 47-081-01420

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A CBM WELL

- 4) Well Type: Oil  / Gas  / Liquid injection  / Waste disposal  /  
(If "Gas, Production"  or Underground storage  ) Deep  / Shallow
- 5) Location: Elevation 2630.41' Watershed Laurel Fork  
District Stab Fork County Raleigh Quadrangle Lester 7.5'
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chuck Shafer  
Address 414 Summers Street Address 414 Summers Street  
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Murdock Howard Name Next LVL Energy (Diversified Owned)  
Address PO Box 140 Address 104 Helliport Loop Rd  
Oak Hill, WV 25901 Bridgeport, WV 25330

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

See Attached

THIS IS A CBM ACCESS WELL FOR A  
CBM PRODUCTION WELL (API No. 47-081-01419).  
THIS WELL IS A HORIZONTAL, PINNATE.

ywm

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

Work order approved by inspector Murdock Howard Date 5/5/24

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4708101420P

**Plugging Prognosis**

API #: 4708101420

**Casing Schedule**

13-3/8" @ 64'  
9 5/8" @ 422' (CTS w/ 132 cu ft)  
7" @ 1223' (CTS w/ 184 cu ft)

TD listed as 1612' – listed on Form WR-35  
Estimated kickoff @ unknown

Completion – Pilot Well for CBM production, projected depth of coal seam (1410' TVD) is below kickoff point. Unknown if well has bridge plug in it.

Fresh Water: None Listed  
Salt Water: None listed  
Gas Shows: None listed  
Oil Shows: None listed  
Coal: 448', 962', 1002', 1610' - listed on Form WR-35  
Elevation: 2641.67'

MH 5/15/24

1. Notify Inspector Roy Howard @ (681) 990-2568, 48 hrs prior to commencing operations.
2. Record pressure on csg.
3. RIH to listed TD.
4. Kill well as needed with 6% bentonite gel.
5. Set CIBP inside 7" csg @ 1213'.
6. Confirm 7" csg is cemented to surface. If not, free point 7" csg. Cut & TOOH.
7. Cement w/ Class L cement from CIBP to surface.
8. Reclaim site and set monument per WV DEP regulations.

Note: The uncased 4 3/4" wellbore from curve to lateral will be filled w/ gel/cement from the production wells when plugging them.

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State of West Virginia  
Division of Environmental Protection  
Section of Oil & Gas  
Well Operator's Report of Well Work

Farm name: Beaver Coal Company

Operator Well No: BCC-002A

Location: Elevation: 2641.67'

Quadrangle: Lester

District: Slab Fork I

County: Raleigh

Latitude: 8690 Feet South of 37 Deg. 45 Min. 00 Sec.  
Longitude: 9998 Feet West of 81 Deg. 20 Min. 00 Sec.

Company: CDX Gas, LLC  
P.O. Box 609  
Pineville, WV 24874

Agent: Michael McCown  
Inspector: Terry Urbine  
Permit Issued: 02/15/07  
Well Work commenced: 5/12/2007  
Well Work completed: 6/15/2007  
Verbal plugging  
Permission granted on:  
Rotary x Cable \_\_\_\_\_ Rig  
Total depth (ft) 1612'  
Fresh water depths (ft) N/A  
Salt water depths (ft) N/A  
Is coal being mined in the area (Y/N)? Y  
Coal depths (ft): 448', 962', 1002', 1610'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu.ft.
13 3/8"	64	64	44
9 5/8"	422	422	132
7"	1223	1223	184

CTS  
CTS

OPEN FLOW DATA

Producing formation None Pay zone depth (ft) Nonproducer  
 Gas: Initial open flow N/A Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow N/A 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

Second Producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ (ft)  
 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

Third Producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ (ft)  
 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

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

Charles T. Akers  
For: CDX Gas, LLC  
By: [Signature]  
Date: 7/26/07

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MAY 20 2024

4708101420

Operator: BCC-002A  
API No. 47- 81-01420  
Location: Raleigh County

Details of Perforated Intervals, Fracturing or Stimulation, Physical Change, Etc. – N/A

Well Log & Geologic Record - Depths from G.L.

Lithology	Depth in feet	
	Top	Bottom
Casing	0	140
Shale	140	220
Sandy Shale	220	277
Shale	277	340
Sandy Shale	340	370
Shale	370	400
Sandy Shale	400	448
Coal	448	449
Shale	449	520
Shale with coal streaks	520	670
Sandy Shale	670	720
Shale	720	810
Sandstone	810	882
Shale	882	900
Sandy Shale	900	962
Coal	962	963
Sandy Shale	963	1002
Coal	1002	1004
Sandy Shale	1004	1030
Sandstone	1030	1090
Sandy Shale	1090	1130
Shale	1130	1200
Sandy Shale	1200	1250
Sandstone	1250	1410
Shale	1410	1430
Sandstone	1430	1470
Sandy Shale	1470	1560
Sandstone	1560	1610
Coal	1610	1612
		TD

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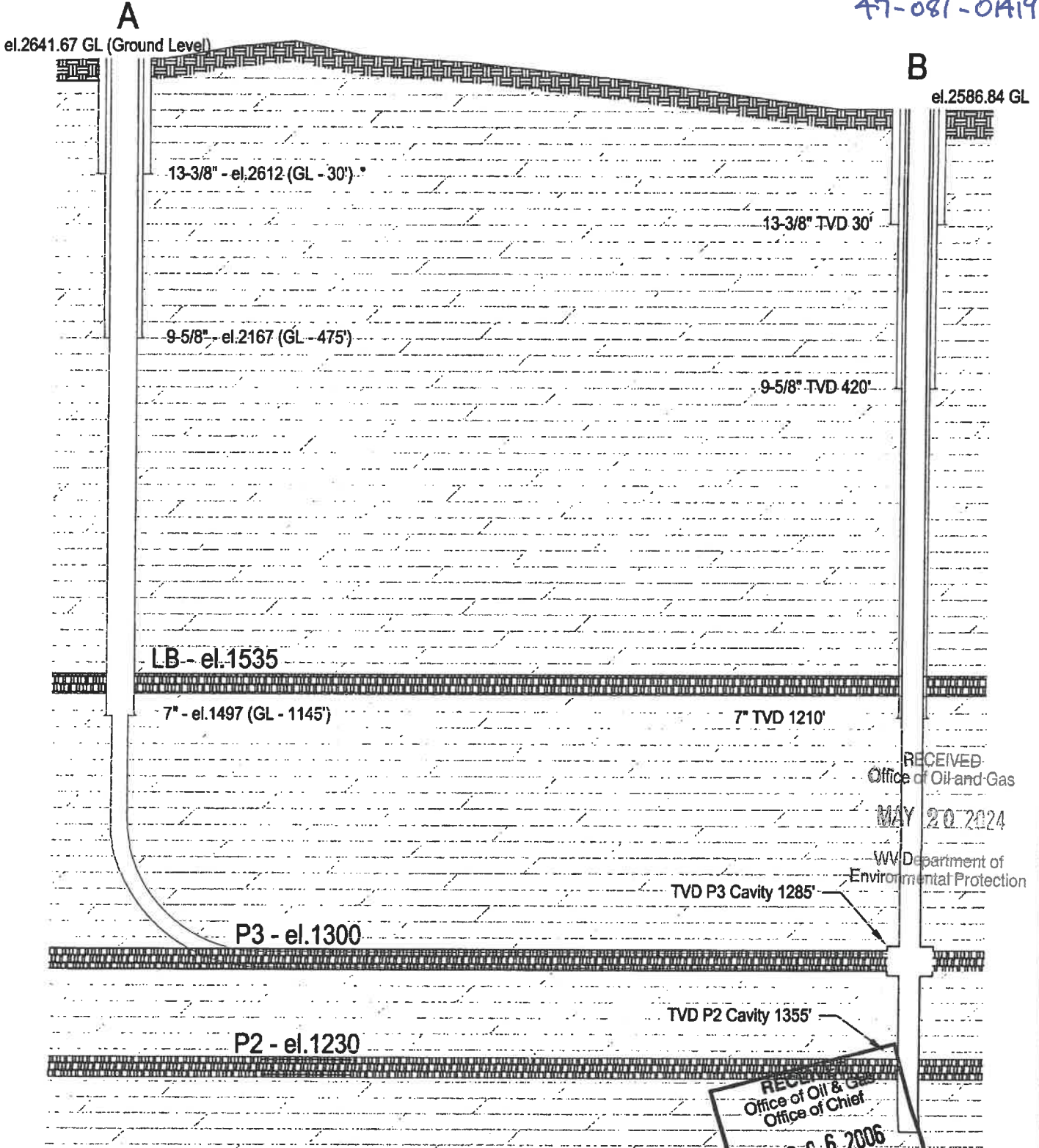
CDX Gas, LLC  
101 North Kanawha Street  
Beckley, West Virginia 25801

# Casing Plan - BCC-002

4708101420  
81-01420

47-081-01420

47-081-01419



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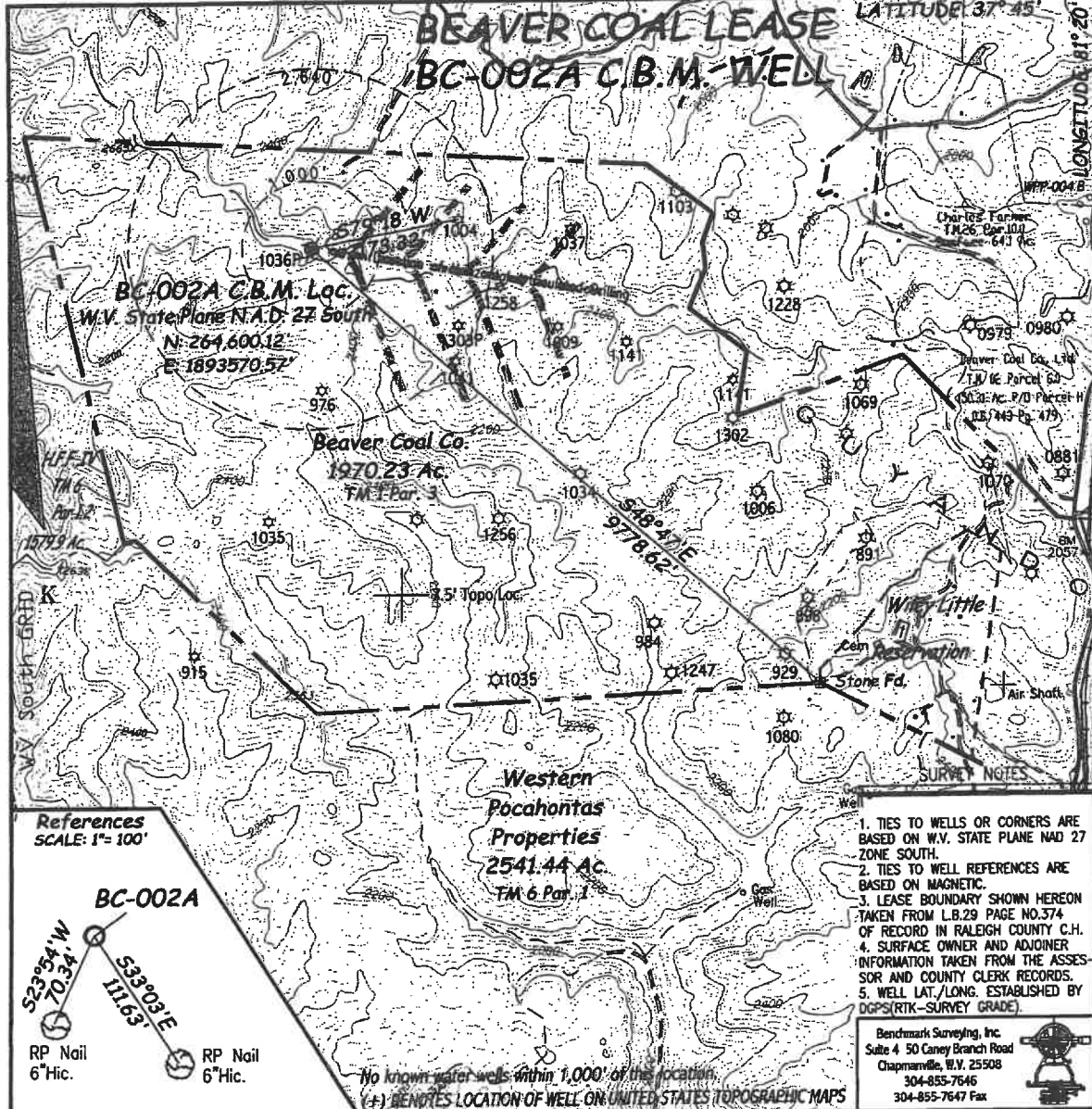




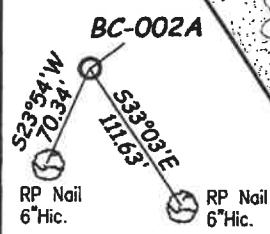
Long: W 81° 22' 04.73"

10.021'

4708101420P



References  
SCALE: 1" = 100'



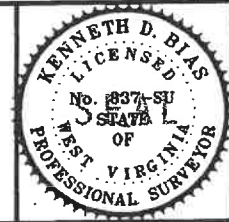
1. TIES TO WELLS OR CORNERS ARE BASED ON W.V. STATE PLANE NAD 27 ZONE SOUTH.
2. TIES TO WELL REFERENCES ARE BASED ON MAGNETIC.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM L.B.29 PAGE NO.374 OF RECORD IN RALEIGH COUNTY C.H.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(RTK-SURVEY GRADE).

Benchmark Surveying, Inc.  
Suite 4 50 Caney Branch Road  
Chapmanville, W.V. 25508  
304-855-7646  
304-855-7647 Fax



FILE NO. 2006-158  
DRAWING NO. BC-002A-WW6  
SCALE 1" = 2,000'  
MINIMUM DEGREE OF ACCURACY 1:2,500'  
PROVEN SOURCE OF ELEVATION O.P.U.S. 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



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



DATE: February 5th 2007  
OPERATOR'S WELL NO. BC-002A  
API WELL NO.

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW  COAL BED METHANE   
LOCATION: ELEVATION 2,641.67' WATER SHED Maple Meadow Creek of Marsh Fork of Big Coal River  
DISTRICT Slab Fork T.M. 1 Par. 3.0 COUNTY Raleigh  
QUADRANGLE Lester, W.V. 7.5'  
SURFACE OWNER Beaver Coal Co. ACREAGE 1970.23 Ac.  
OIL & GAS ROYALTY OWNER Beaver Coal Co. LEASE ACREAGE 2,180.63 Ac.

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 ESTIMATED DEPTH 1340'  
WELL OPERATOR C.D.X. GAS, L.L.C. DESIGNATED AGENT Joseph A. Zupanick  
ADDRESS P.O. Box 609 Pineville, W.V. 24874 ADDRESS P.O. Box 609 Pineville, W.V. 24874

Lat: N 37° 43' 33.93"

WYOMING COUNTY NAME PERMIT

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Office of Oil and Gas  
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FORM WW-6

WW-4A  
Revised 6-07

1) Date: 5/8/2024  
2) Operator's Well Number BCC 002A

3) API Well No.: 47 - 081 - 01420

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

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>Beaver Coal Company, Limited</u>	Name <u>Riverside Energy Company</u>
Address <u>354 Log Cabin Rd.</u>	Address <u>18 Clover Street</u>
<u>Beaver, WV 25813</u>	<u>Wyoming, WV 25302</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Beaver Coal Company, Limited</u>
	Address <u>354 Log Cabin Rd.</u>
	<u>Beaver, WV 25813</u>
(c) Name _____	Name _____
Address _____	Address _____
<b>6) Inspector</b> <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: Chris Veazey  
 Its: Director of Administration  
 Address 414 Summers Street  
Charleston, WV 25301  
 Telephone 304-590-7707

Subscribed and sworn before me this 9th day of May, 2024  
[Signature] Notary Public  
 My Commission Expires September 29, 2028

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 Office of Oil and Gas  
 MAY 20 2024  
 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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

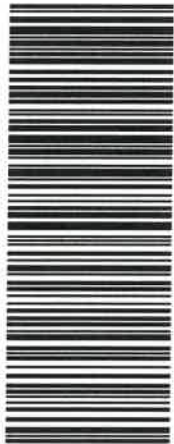
07/12/2024



470 81014 20 P

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

USPS CERTIFIED MAIL™



9407 1362 0855 1001 4636 32



BEAVER COAL COMPANY LIMITED  
354 LOG CABIN RD  
BEAVER WV 25813-6700

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4.0 OZ FLAT  
easypost  
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**SURFACE OWNER WAIVER**

4708101420P

Operator's Well  
Number

BCC 002A

**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 57<sup>th</sup> 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

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MAY 20 2024

_____	_____	_____	_____
Signature	Date	Name	By
		Its	_____
			_____
			_____

WV Department of  
Environmental Protection  
Date

Signature

Date

07/12/2024



4708101420

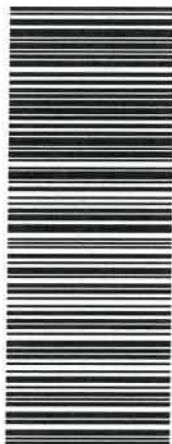
Diversified Gas & Oil Corporation  
Permitting Department  
414 SUMMERS STREET  
2ND. FLOOR  
CHARLESTON WV 25301

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Office of Oil and Gas

MAY 20 2024

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RIVERSIDE ENERGY COMPANY  
18 CLOVER ST  
WYOMING WV 25302

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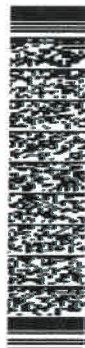
2024-05-09

25301

C4000004

Retail

4.0 OZ FLAT



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07/12/2024

WW-4B

4708101420P

API No. 4708101420  
Farm Name \_\_\_\_\_  
Well No. BCC 002A

**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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MAY 20 2024  
WV Department of  
Environmental Protection  
07/12/2024



**DIVERSIFIED**  
energy

4708101420P

Date: 5/8/2024

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

Mr. Martin,

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

API Number 4708101420 Well Name BCC 002A

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

Sincerely,

Chris Veazey  
Permitting Supervisor  
304-590-7707

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Office of Oil and Gas

MAY 20 2024

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west virginia department of environmental protection

Office of Oil and Gas  
601 57<sup>th</sup> 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 ) ORDER NO. 2022-13  
SECTION 14.1. AND LEGISLATIVE RULE )  
35CSR8 SECTION 20.1, )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

**REPORT OF THE OFFICE**

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

**FINDINGS OF FACT**

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

Promoting a healthy environment.

07/12/2024

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



4708101420P

WW-9  
(5/16)

API Number 47 - 081 - 01420  
Operator's Well No. BCC 002A

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) Laurel Fork Quadrangle Lester 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No   
 Will a pit be used? Yes  No

If so, please describe anticipated pit waste: Production fluid and cement returns.

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- \* Underground Injection ( UIC Permit Number 2D03902327 002 )
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: N/A

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

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

Additives to be used in drilling medium? N/A

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

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

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

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature [Signature]  
Company Official (Typed Name) Chris Veazey  
Company Official Title Permitting Supervisor



Subscribed and sworn before me this 9th day of May, 2024

[Signature] Notary Public

My commission expires September 28, 2028

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WV Department of Environmental Protection  
07/12/2024

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

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

Attach:

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

Photocopied section of involved 7.5 topographic sheet.

Plan Approved by: Murdock Howard

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

Title: Inspector

Date: 5/15/24

Field Reviewed?

Yes

No

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Environmental Protection

07/12/2024



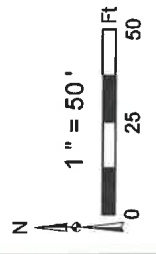
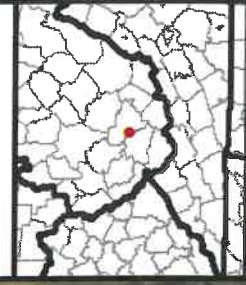
Diversified Gas & Oil Corporation  
100 Diversified Way  
Pikeville KY, 41051

47-081-01420

Well Plugging Map

Legend

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



Well No.: 47-081-01420  
 UTM83-17 Meters  
 North: 4175500.24  
 East: 467588.41  
 Elev.: 801.95 M  
 Elev.: 2630.41 Ft

Secondary Pit

Primary Pit

Source: Esri, Maxar, Earthstar, GeoEye, IGN, GeoEye, and the USGS User Community



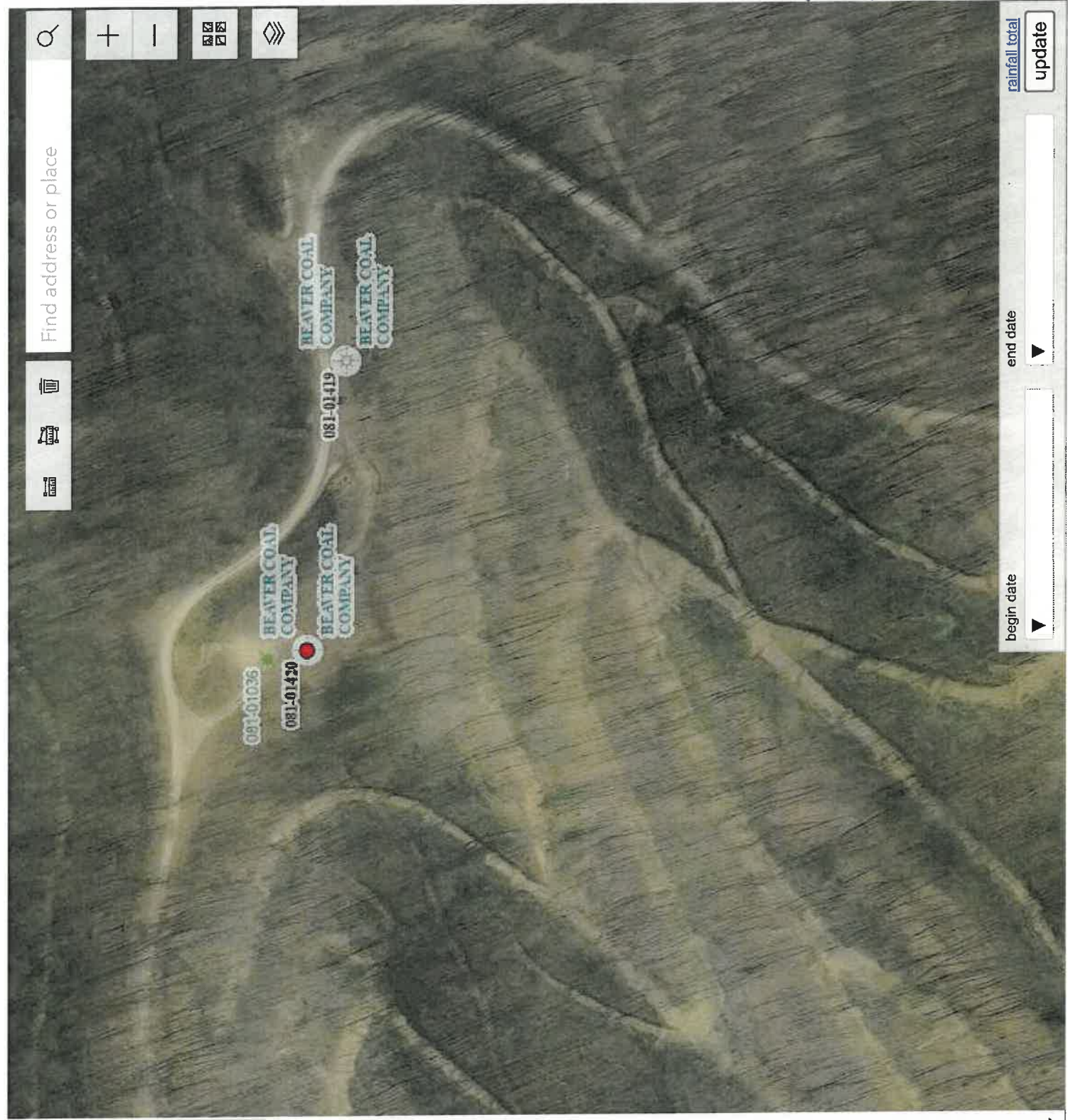
Find address or place

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Oil&Gas

Wells, Horizontal Only

WellStatus

- Active Well
- Permit Issued
- Permit Application
- Plugged

Wells, Active Status Only

WellUse

- Brine Disposal
- Fluid Injection
- Gas Production
- House Gas
- Observation
- Oil Production
- Production
- Solution Mining
- Storage
- Vent
- <all other values>

Wells, Other than Active Status







WW-7  
8-30-06

4708101420P



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

API: 4708101420 WELL NO.: BCC 002A

FARM NAME: \_\_\_\_\_

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Raleigh DISTRICT: Slab Fork

QUADRANGLE: Lester 7.5'

SURFACE OWNER: Beaver Coal Company, Limited

ROYALTY OWNER: Beaver Coal Company Ltd,

UTM GPS NORTHING: 4175500.24

UTM GPS EASTING: 467588.41 GPS ELEVATION: 2630.41'

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

5/9/24  
Date

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Environmental Protection

07/12/2024

4708101420P

11/10/2016

PLUGGING PERMIT CHECKLIST  
4708101420

ACCESS CBM

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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Office of Oil and Gas

MAY 20 2024

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