



west virginia department of environmental protection

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

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

Thursday, September 22, 2022
WELL WORK PLUGGING PERMIT
Coal Bed Methane Well Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for LCHC-006CR
47-109-02449-00-00

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: LCHC-006CR
Farm Name: POCAHONTAS LAND CORP.
U.S. WELL NUMBER: 47-109-02449-00-00
Coal Bed Methane Well Plugging
Date Issued: 9/22/2022

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.

1) Date April 26, 2022
2) Operator's Well No. LCHC-006C
3) API Well No. 47-109 - 02449

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A CGM WELL.

4) Well Type: Oil ___ / Gas X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production X or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 2808.81 ft Watershed Knob Fork of Clear Fork
District Oceana County Wyoming Quadrangle Arnett

6) Well Operator Diversified Production, LLC 7) Designated Agent Jeff Mast
Address 414 Summers Street Address 31 Hickory Drive
Charleston, WV 25301 Barboursville, WV 25504

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Gary Kennedy Name R & J Well Services
Address 66 Old Church Lane Address P.O. Box 40
Pipestem, WV 25979 Hueysville, KY 41640-0040

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

See Attached

MUST USE EXPANDING CEMENT
200' BELOW COAL TO 100'
ABOVE COAL.

RECEIVED
Office of Oil and Gas

MAY 03 2022

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 Gary Kennedy Date 4/28/22

Plugging Prognosis

API #: 4710902449

Casing Schedule:

20" @ 64'
 13 3/8" @ 285 CTS
 9 5/8" @ 992' CTS
 7" @ 1713' CTS

TD listed as 1,959'

Estimated lateral from plat

- C Hole (109-02449)
 - 13,500' x 4.75" Hole ID = 1,661 Cu ft = 370 BBL w/ 125% excess
 (15,800) 1944 Cu ft = 433 BBL w/ 125% EXCESS
433 BBL ✓

Fresh Water: None listed

Salt Water: None listed

Gas Shows: None listed

Oil Shows: None listed

Coal: None Listed

Elevation: 2817'

1641' - 1645' Coal
 1886' - 1890' Coal

USE EXPANDING CEMENT

1. Notify Inspector Gary Kennedy @ 304-382-8402, 48 hrs prior to commencing operations.
2. Record pressure on csg.
3. TOOH w/ rods and tbg.
4. Kill well with gel as needed. Then proceed to load wellbore with gel to a minimum of 125% capacity until wellbore is filled. 433 BBL
5. Proceed to load wellbore with bentonite pellets. Top is not to exceed 1763'
6. TIH w/ tbg to 1763'. Pump 100' C1A cement plug from **1763' to 1663' (7" csg shoe plug)**. Tag TOC
7. TOOH w/ tbg to 1663'. Pump 6% bentonite gel spacer from 1663' to 1042'.
8. TOOH w/ tbg to 1042. Pump 100' ^{EXPANDING} C1A cement plug from **1042' to 942' (9 5/8" csg shoe plug)**
9. TOOH w/ tbg to 942'. Pump 6% bentonite gel spacer from 942' to 100'.
10. Confirm 7" csg is cemented to surface. If not TOOH w/ tbg. Free point csg and set plug 50' in/out of cut for total of 100'.
11. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from 100' to surface
12. Reclaim site and set monument per WV DEP regulations.



RECEIVED
Office of Oil and Gas

MAY 03 2022

WV Department of
Environmental Protection

4710902449P

WR-35

DATE: 12/20/2005
API#: 4710902449C

State of West Virginia
Division of Environmental Production
Section of Oil and Gas
Well Operator's Report of Well Work

Farm Name Pocahontas Land Corporation

Operator Well No.: LCHC-006CR

LOCATION: Elevation: 2817.44

Quadrangle: Arnett 7 1/2'

District: Oceana County: Wyoming
Latitude: 5270 Feet South of 37 Deg. 47 Min. 30 Sec.
Longitude: 2020 Feet West of 81 Deg. 27 Min. 30 Sec.

Company:
Pann Virginia Oil & Gas Corporation

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 2550 East Stone Drive, Suite 110 Kingsport, TN 37660	20"	64'	64'	0
Agent: Harry Jewell	13 3/8"	285'	285'	106 cu ft
Inspector: Ralph Triplett	9 5/8"	992'	992'	431 cu ft
Date Permit Issued:	7"	1713'	1713'	295 cu ft
Date Well Work Commenced: <u>09/15/04</u>				
Date Well Work Completed: <u>02/17/2005</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): <u>1,959</u>				
Fresh Water Depth (ft): NA				
Salt Water Depth (ft): NA				
Is coal being mined in area (N/Y)?				
Coal Depths (ft):		<i>JJE</i>		

RECEIVED
Office of Oil and Gas
MAY 03 2022

WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation Lower Beckley Coal 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

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

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

Signed: *Michael Stampen*
By: Michael Stampen
Date: 12/21/2005

RECEIVED
Office of Oil & Gas
Office of Chief
JAN 23 2006
WV Department of
Environmental Protection

MVD 2449 C

09/23/2022

4710902449P

FORM WR-35R
(REVERSE)

PERMIT #.4710902449C
WELL #: LCHC-006CR

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

JJK

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sandstone/Shale	0	1641	
Coal	1641	1645	
Sandstone/Shale	1645	1886	
Coal (Lower Beckley)	1886	1890	
Sandstone/Shale	1890	1953	

RECEIVED
Office of Oil and Gas

MAY 03 2022

WV Department of
Environmental Protection

09/23/2022

PROPOSED WELL COORDINATES

N:283332.28
E:1865508.36

WV SOUTH ZONE
NAD 27

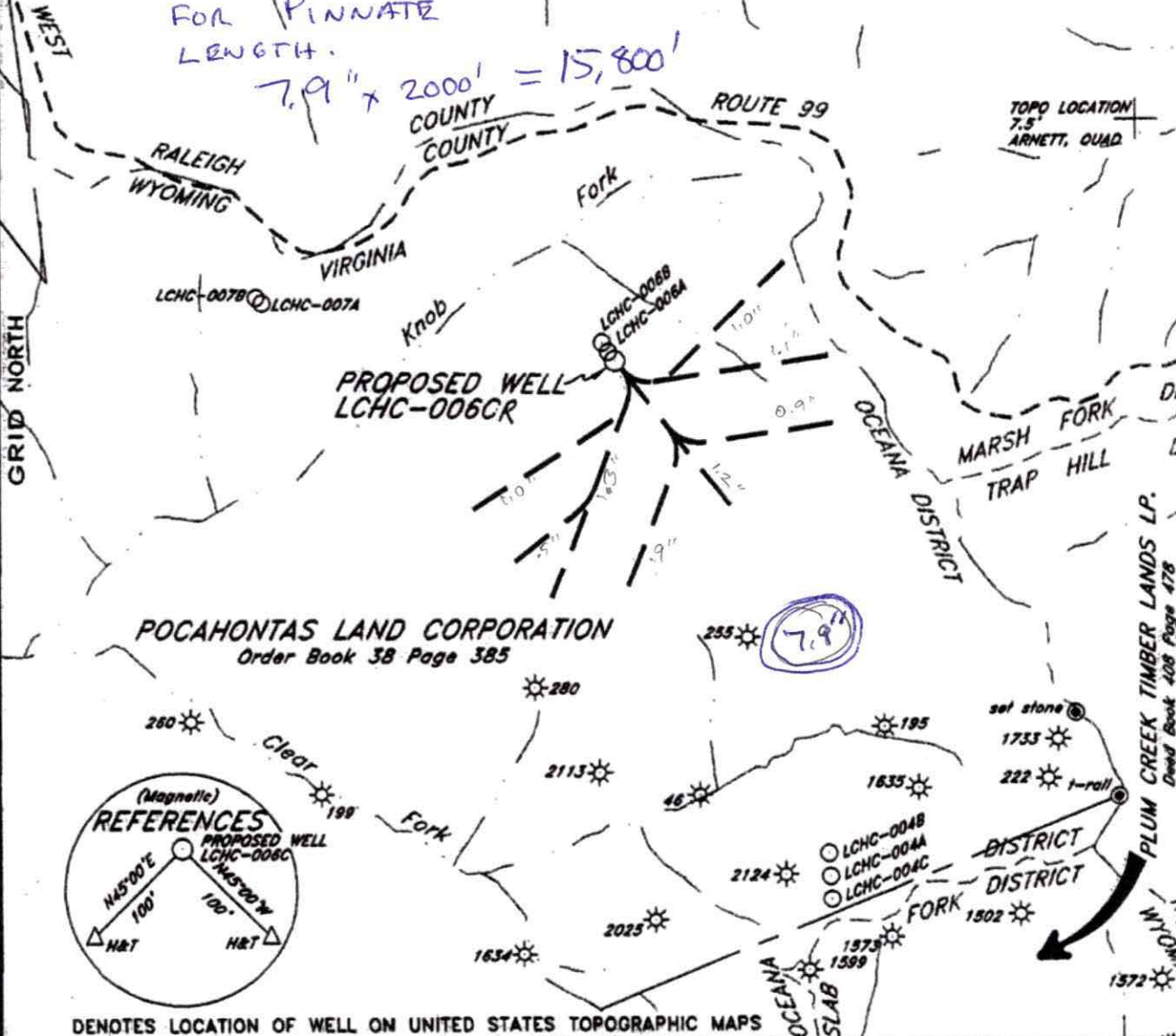
BEARING CHART

LATITUDE 37°47'30"

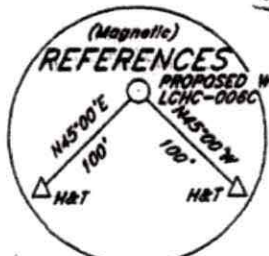
Well Number		Bearing	Distance
From	To		
280	LCHC-006B	N11°11'34"E	4182.12'
LCHC-006B	LCHC-006A	S33°04'58"E	132.22'
LCHC-006A	LCHC-006C	S38°05'04"E	135.31'
LCHC-006C	235	S25°42'55"E	3643.32'

PROPER SCALE FOR PINNATE LENGTH.
7.9" x 2000' = 15,800'

ROWLAND LAND COMPANY



POCAHONTAS LAND CORPORATION
Order Book 38 Page 385



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1:50000
 PROVEN SOURCE OF ELEVATION GPS DISK NO. H
 3409.28'

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) Bryan Smith
 R.P.E. _____ L.L.S. 736



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



DATE REVISED: AUGUST 11, 2004
 OPERATOR'S WELL NO. LCHC-006C
 API WELL NO. LCHC-006CR

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

47 - 09/23/2022 49 C
 STATE COUNTY PER

WV Oil & Gas Wells (WVOG)

4710902449

2395 **B**WELL
 2394 **A**WELL
 2396 }
 2449 * 2396

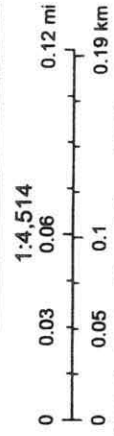
WArnett 9

PERMITTED TO DRILL
 AND THEN PLUGGED DURING (4/24/2024)
 DRILLING PROCESS AND SKINNED RIG.

DRILLED WELL FOR
 PRODUCTION AS
 REVISED C WELL

9/19/2022, 3:47:00 PM

- Labels (7.5' Quadrangles)
- Counties
- 7.5' Quadrangles
- County Labels
- State Boundary
- WV Oil and Gas All Individual Wells
- Gas
- Dry
- Other (including permits)



West Virginia Geological and Economic Survey (WVGES), VITA, West Virginia GIS, Earl, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA, USDA

West Virginia Geological and Economic Survey (WVGES) | VITA, West Virginia GIS, Earl, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA, USDA

09/23/2022

WW-4A
Revised 6-07

1) Date: April 26, 2022
 2) Operator's Well Number
LCHC-006C
 3) API Well No.: 47 - 109 - 02449

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

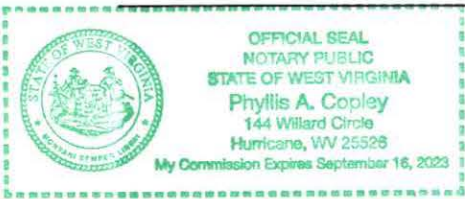
<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Pocahontas Surface Interest</u> Address <u>P.O. Box 1517</u> <u>Bluefield, WV 24701</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p>	<p>5) (a) Coal Operator</p> <p>Name <u>None</u> Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>Pocahontas Royalties LLC</u> Address <u>P.O. Box 1517</u> <u>Bluefield, WV 24701</u></p> <p>Name _____ Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name <u>Consol Mining Company LLC</u> Address <u>CNX Center Suite 100, 1000 Consol Energy Drive</u> <u>Cannonsburg, PA 15317</u></p>
<p>6) Inspector</p> <p>Address <u>Gary Kennedy</u> <u>66 Old Church Lane</u> <u>Pipestem, WV 25979</u></p> <p>Telephone <u>304-382-8402</u></p>	

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: [Signature] Jeff Mast
 Its: Director Technical Services
 Address 414 Summers Strret
Charleston, WV 25301
 Telephone 304-543-6988

Subscribed and sworn before me this 26th day of April, 2022
Phyllis A. Copley Notary Public
 My Commission Expires September 16, 2023

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.

4710902449P

47-109-02449
LCHC-006C

7020 2450 0001 5225 2010

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Cannonsburg, PA 15317

OFFICIAL USE

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fees as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$2.16
Total	\$8.96

Postmark Here: APR 26 2022 0523 04 HAMLIN WV 25523

LCHC-006A, LCHC-006B, LCHC-006C

Sent To: Consol Mining Co., LLC
CNX Center, Suite 100
1000 Consol Energy Drive
Cannonsburg, PA 15317

PS Form 3800, April 2015 PSN 7530-02-000-9001

7020 2450 0001 5225 2027

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Bluefield, WV 24701

OFFICIAL USE

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fees as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$2.36
Total	\$9.16

Postmark Here: APR 26 2022 0523 04 HAMLIN WV 25523

LCHC-006A, LCHC-006B, LCHC-006C

Sent To: Pocahontas Surface Interest & Royalties
P.O. Box 1517
Bluefield, WV 24701

PS Form 3800, April 2015 PSN 7530-02-000-9001

09/23/2022

WW-9
(5/16)

API Number 47 - 109 - 02449
Operator's Well No. LCHC-006C

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) Knob Fork of Clear Fork Quadrangle Arnett

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: Produced 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) *lls*
- Underground Injection (UIC Permit Number Twin Branch 47471511)
- 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

RECEIVED
Office of Oil and Gas
MAY 03 2022
WV Department of
Environmental Protection

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.

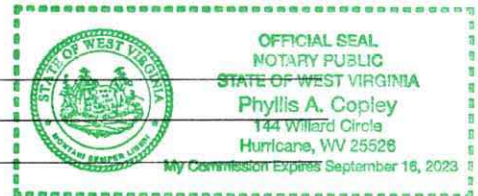
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 *Jeff Mast*

Company Official (Typed Name) Jeff Mast

Company Official Title Director Technical Services



Subscribed and sworn before me this 26th day of April, 2022

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

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

Lime 3 Tons/acre or to correct to pH 6.05

Fertilizer type _____ 10-20-20 or equivalent

Fertilizer amount _____ lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

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

Seed Type	lbs/acre
Red Fescue	15
Alsike Clover	5

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.

RECEIVED
Office of Oil and Gas

MAY 03 2022

Plan Approved by: [Signature]

Comments: _____

WV Department of
Environmental Protection

Title: Inspector

Date: 4/28/22

Field Reviewed? () Yes () No

4710902449P

WW-7
8-30-06



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

API: 4710902449 WELL NO.: 006 C
FARM NAME: Pocahontas Land Corp
RESPONSIBLE PARTY NAME: Diversified Production LLC
COUNTY: Wyoming DISTRICT: Oceana
QUADRANGLE: Arnett, WV
SURFACE OWNER: Pocahontas Surface Interest
ROYALTY OWNER: Summit Nat Resources/DP Bluegrass LLC
UTM GPS NORTHING: 4181208.52
UTM GPS EASTING: 459036.83 GPS ELEVATION: 2808.81'

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

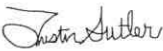
- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS ____: Post Processed Differential ____
Real-Time Differential ____
Mapping Grade GPS X: Post Processed Differential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

RECEIVED
Office of Oil and Gas

MAY 03 2022

WV Department of
Environmental Protection

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

Digitally signed by Austin Sutler
Date: 2022.04.14 15:28:08
-04'00'

Sr. Proj. Manager
Title

4/14/2022
Date

09/23/2022

4710902449



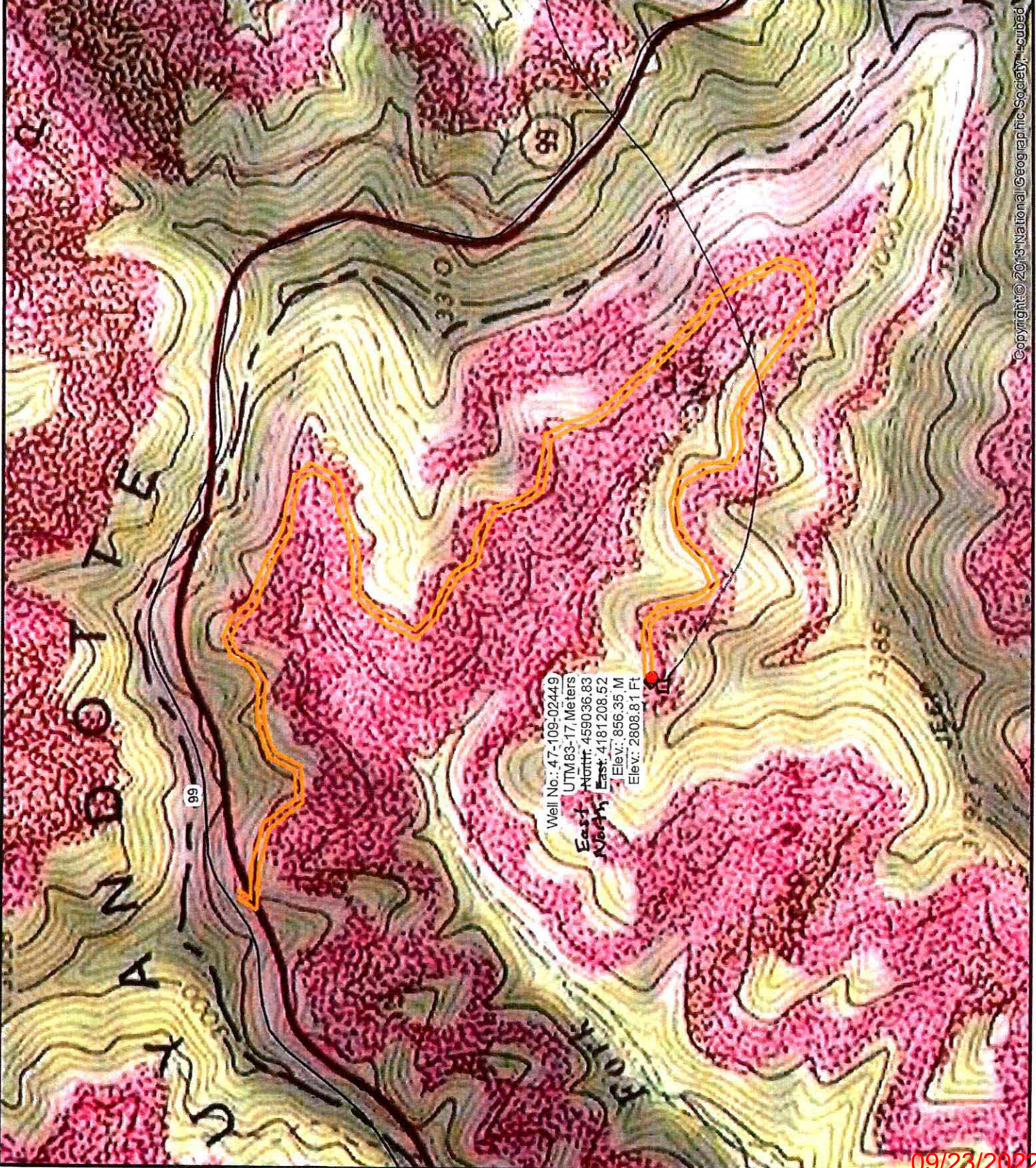
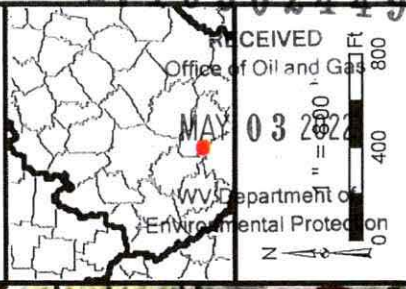
DIVERSIFIED
energy
100 Diversified Way
Pineville KY, 40151

47-109-02449
Plugging Map

Legend

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

$\frac{17.7}{10'W}$
 $\frac{20'Z}{8'D}$
 $\frac{285}{bb1}$



Well No.: 47-109-02449
 UTM83-17, Meters
 East: 459036.83
 North: 4181208.52
 Elev.: 856.35 M
 Elev.: 2808.81 Ft

Copyright © 2013 National Geographic Society, Inc. Cubed

09/23/2022

4710902449P

PROPOSED WELL COORDINATES

N: 283332.28
E: 1865508.36
WY SOUTH ZONE
NAD 27

BEARING CHART

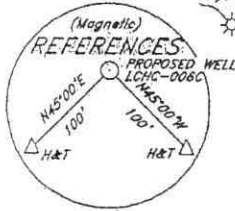
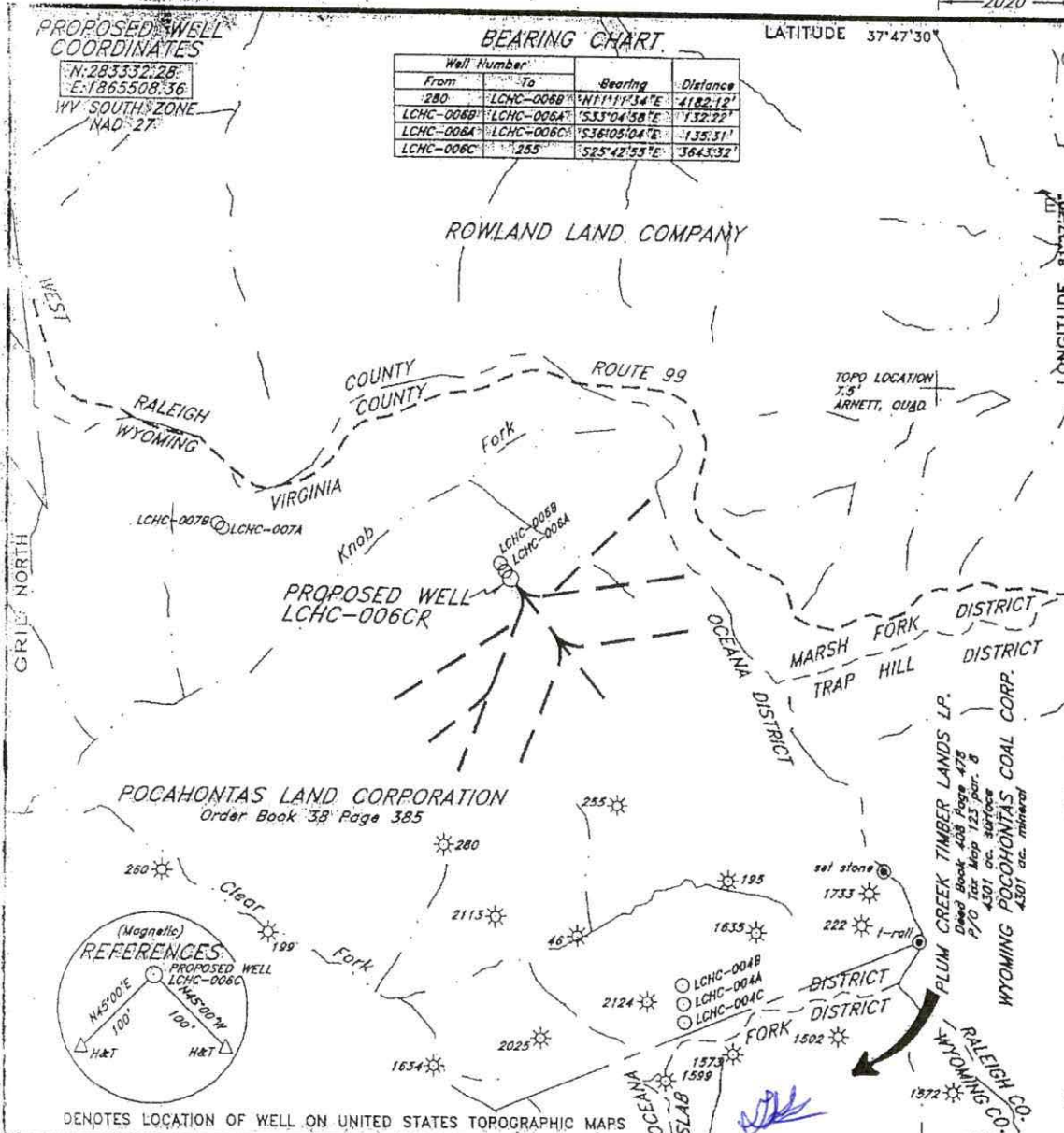
Well Number	From	To	Bearing	Distance
280	LCHC-008B	LCHC-008B	N71°17'34"E	4182.18'
LCHC-008B	LCHC-008A	LCHC-008A	S33°04'58"E	132.22'
LCHC-008A	LCHC-006C	LCHC-006C	S36°05'04"E	135.31'
LCHC-006C	255	255	S25°42'53"E	3643.32'

LATITUDE 37°47'30"

RECEIVED
Office of Oil and Gas

MAY 03 2022

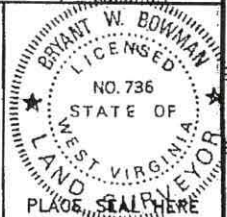
WV Department of Environmental Protection



Denotes location of well on United States Topographic Maps

FILE NO. _____
DRAWING NO. _____
SCALE 1"=2000'
MINIMUM DEGREE OF ACCURACY 1:50000
PROVEN SOURCE OF ELEVATION GPS DISK NO. H 3409.26'

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) Bryan W. Bowman
R.P.E. L.L.S. 736



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

DATE REVISED: AUGUST 11, 2004
OPERATOR'S WELL NO. LCHC-006CR
API WELL NO. _____

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

LOCATION: ELEVATION 2817.44' WATERSHED Knob Fork of Clear Fork
DISTRICT OCEANA COUNTY WYOMING
QUADRANGLE ARNETT, WY

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 30000±
OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 30000±
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 Becky Coal ESTIMATED DEPTH 1930

WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL
ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460
KINGSPORT, TN 37660 RAVENCLIFF, WV 25913

COUNTY NAME WYO PERMIT 2449C

09/23/2022