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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)

Tuesday, February 1, 2022  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE  
JACKSON CENTER, PA 16133

Re: Permit approval for 6-S-164  
47-039-02541-00-00

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: 6-S-164  
Farm Name: KANAWHA & HOCKING C & H  
U.S. WELL NUMBER: 47-039-02541-00-00  
Vertical Plugging  
Date Issued: 2/1/2022

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4703902541P

## 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.

02/11/2022

1) Date January 18, 2022  
2) Operator's  
Well No. 6-S-164  
3) API Well No. 47 039 02541

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 X / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production X or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 820.72 feet Watershed Left Fork Witcher Creek  
District Cabin Creek County Kanawha Quadrangle Quick

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 Terry Urban Name Diversified Production, LLC (in-house rig)  
Address P.O. Box 1207 Address 1951 Pleasantview Ridge Road  
Clendenin, WV 25045 Ravenswood, WV 26164

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

See Attached

*Operator to cover with Cement all of 6 pay zones including casing cuts, Salt, Elevation, Coal & Freshwater*

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

Work order approved by inspector  Date 1-20-21

02/11/2022

**Plugging Prognosis**

API #: 4703902541

West Virginia, Kanawha Co.

Lat/Long: 38.26386483, -81.4847961

Nearest ER: CAMC Memorial Hospital 3200 MacCorkle Ave SE, Charleston, WV 25304

**Casing Schedule:****"Redrilled old hole to original Total Depth"**

10" @ 22'

8-1/4" @ 204' (cement to 92' w/ 35 sxs)

7" @ 1,316' (cement to 1,035' w/ 25 sxs)

2" tbg @ 1,782'

TD @ 4,728'

Completion: Brown Shale – 2,834'-4,100'

Fresh Water: 47'; 816'-824'

Salt Water: None listed

Gas Shows: 1,690'-1,805'

Oil Shows: None listed

Coal: 90'-92'

Elevation: 812.79'

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1. Notify Inspector Terry Urban @ 304-549-5915, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Pull tbg and lay down.
4. Check TD w/ wireline.
5. Run in to depth @ 4,100. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 100' C1A cement plug from **2,834' to 2,734' (completed zone)**. Tag TOC. Top off as needed.
6. TOOH w/ tbg to 2,734'. Pump 6% bentonite gel from 2,734' to 1,805'.
7. TOOH w/ tbg to 1,805'. Pump 215' C1A cement plug from **1,805' to 1,590' (gas show plug)**
8. TOOH w/ tbg to 1,590'. Pump 6% bentonite gel from 1,590' to 1,366'.
9. TOOH w/ tbg to 1,366'. Pump 100' C1A cement plug from **1,366' to 1,266' (7" csg shoe plug)**
10. TOOH w/ tbg to 1,266'. Pump 6% bentonite gel from 1,266' to 874'.
11. Free point 7" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. **Do not omit any plugs listed below. Perforate as needed.**
12. TOOH w/ tbg to 874'. Pump 161' C1A cement plug from **874' to 713' (elevation and freshwater plug)**
13. TOOH w/ tbg to 713'. Pump 6% bentonite gel from 713' to 142'.
14. Free point 8-1/4" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. **Do not omit any plugs listed below. Perforate as needed.**
15. TOOH w/ tbg to 142'. Pump 142' C1A cement plug from **142' to surface (coal, freshwater, and surface plug)**
16. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

*Operator to Core with Cement All Oil & Gas plugs including  
Casing cuts, Salt, Elevation, Coal & Freshwater*

*[Signature]* 02/11/2022  
1-21-22

4703902541P

OG-10  
Rev. - 9-71



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division  
WELL RECORD

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FEB 20 1979

OIL & GAS DIVISION  
DEPT. OF MINES

Quadrangle Clendenin  
Permit No. KAN 2541 RED

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas X \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

039  
Company Spartan Gas Company  
Address Box 766 Charleston, W.V.  
Farm KanawhasHocking Coals&Coke Acres 14.128  
Location (waters) Witchers Creek  
Well No. 6-S-164 Elev. 812.79  
District Cabin Creek County Kanawha  
The surface of tract is owned in fee by Kanawha & Hocking Coal & Coke  
Address Shrewsbury, W.V.  
Mineral rights are owned by same  
Address \_\_\_\_\_  
Drilling Commenced 11-14-77  
Drilling Completed 12-21-77  
Initial open flow 26M cu. ft. -      bbls.  
Final production 73M cu. ft. per day -      bbls.  
Well open      hrs. before test 630# RP.

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-------------------|------------------|--------------|-------------------------------|
| Size 20-16        |                  |              | 25 sks.                       |
| Cond. 13-10"      |                  |              |                               |
| 9 5/8             |                  |              |                               |
| 8 5/8             |                  |              |                               |
| 7                 | 1316             | 1316         |                               |
| 5 1/2             |                  |              |                               |
| 4 1/2             |                  |              |                               |
| 3                 |                  |              |                               |
| 2                 | 1782             | 1782         |                               |
| Liners Used       | 1306             | 1306         |                               |

Well treatment details: Attach copy of cementing record.  
Shot 12-28-77 with 13,000# 80% gelatin from 4,100' to 2,834'

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Brown Shale Depth 4,100' to 2,834'

| Formation                      | Color | Hard or Soft | Top Feet    | Bottom Feet | Oil, Gas or Water | Remarks |
|--------------------------------|-------|--------------|-------------|-------------|-------------------|---------|
| Surface to 1507 - see KAN 2541 |       |              |             |             |                   |         |
| Redrilled old hole to original |       |              | Total Depth |             |                   |         |
| Slate                          |       |              | 1507        | 1550        | Show              |         |
| Sand                           |       |              | 1550        | 1560        |                   |         |
| Slate & Shale                  |       |              | 1560        | 1690        |                   |         |
| Sand                           |       |              | 1690        | 1805        |                   |         |
| Slate & Shale                  |       |              | 1805        | 3340        |                   |         |
| Brown Shale                    |       |              | 3340        | 3895        |                   |         |
| Slate & Shells                 |       |              | 3895        | 4395        |                   |         |
| Brown Shale                    |       |              | 4395        | 4620        |                   |         |
| Slate & Shells                 |       |              |             | 4728        |                   |         |
| T.D.                           |       |              |             | 4728        |                   |         |

\* Indicates Electric Log tops in the remarks section.

(over)

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION /

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Clendenin  
Permit No. KAN-2541

WELL RECORD

Oil or Gas Well Dry  
(KIND)

Company Spartan Gas Company  
Address P. O. Box 766, Charleston, W. Va.  
Farm Kanawha & Hocking Coal & Coke Acres 14.128  
Location (waters) Witchers Creek  
Well No. 6 - S-164 Elev. 812.79  
District Cabin Creek County Kanawha  
The surface of tract is owned in fee by Kanawha & Hocking Coal & Coke Address Shrewsbury, W. Va.  
Mineral rights are owned by Same Address \_\_\_\_\_  
Drilling commenced November 24, 1971  
Drilling completed January 19, 1972  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume Show \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) No

| Casing and Tubing | Used In Drilling | Left in Well | Packers        |
|-------------------|------------------|--------------|----------------|
| Size              |                  |              | Kind of Packer |
| 16                |                  |              |                |
| 13                |                  |              |                |
| 10                | 22'              | None         | Size of        |
| 8 1/4             | 204'             | 204'         |                |
| 6 3/4             | 1316'            | None         | Depth set      |
| 5 3/16            |                  |              |                |
| 4 1/2             |                  |              |                |
| 3                 |                  |              | Perf. top      |
| 2                 |                  |              | Perf. bottom   |
| Liners Used       |                  |              | Perf. top      |
|                   |                  |              | Perf. bottom   |

Attach copy of cementing record.  
CASING CEMENTED 8 5/8" SIZE No. Ft. 12/1/71 Date  
Amount of cement used (bags) 35  
Name of Service Co. Well Service, Inc.  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

| Formation    | Color | Top  | Bottom | Oil, Gas or Water | Depth     | Remarks |
|--------------|-------|------|--------|-------------------|-----------|---------|
| Sand & Rock  |       | 0    | 21     |                   |           |         |
| Sand         |       | 21   | 50     | Water             | 47        | HFW     |
| Slate        |       | 50   | 90     |                   |           |         |
| Coal         |       | 90   | 92     |                   |           |         |
| Slate        |       | 92   | 143    |                   |           |         |
| Sand         |       | 143  | 181    |                   |           |         |
| Slate        |       | 181  | 215    |                   |           |         |
| Sand         |       | 215  | 245    |                   |           |         |
| Slate        |       | 245  | 304    |                   |           |         |
| Sand         |       | 304  | 330    |                   |           |         |
| Slate        |       | 330  | 350    |                   |           |         |
| Sand         |       | 350  | 408    |                   |           |         |
| Slate        |       | 408  | 430    |                   |           |         |
| Sand         |       | 430  | 447    |                   |           |         |
| Slate        |       | 447  | 485    |                   |           |         |
| Sand         |       | 485  | 595    |                   |           |         |
| Slate        |       | 595  | 614    |                   |           |         |
| Sand         |       | 614  | 655    |                   |           |         |
| Slate        |       | 655  | 679    |                   |           |         |
| Sand         |       | 679  | 871    | Water             | 816 - 824 | HFW     |
| Slate        |       | 871  | 899    |                   |           |         |
| Sand & Slate |       | 899  | 962    |                   |           |         |
| Sand         |       | 962  | 1162   |                   |           |         |
| Slate        |       | 1162 | 1177   |                   |           |         |
| Sand         |       | 1177 | 1201   |                   |           |         |
| Slate        |       | 1201 | 1213   |                   |           |         |
| Little Lime  |       | 1213 | 1256   |                   |           |         |
| Slate        |       | 1256 | 1262   |                   |           |         |

812.79  
Elevation  
↓  
Salt?

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| Formation | Color | <del>XXXXX</del><br>XXXXX | <del>XXXXX</del><br>XXXXX | Bottom | Oil, Gas<br>or Water | Depth<br>Found | Remarks |
|-----------|-------|---------------------------|---------------------------|--------|----------------------|----------------|---------|
|           |       | Top                       | Bottom                    |        |                      |                |         |
| Lime      |       | 1262                      | 1273                      |        |                      |                |         |
| Slate     |       | 1273                      | 1282                      |        |                      |                |         |
| Big Lime  |       | 1282                      | 1448                      |        |                      |                |         |
| Sand      |       | 1448                      | 1497                      |        |                      |                |         |
| Slate     |       | 1497                      | 1507                      |        |                      |                |         |
| T.D.      |       |                           | 1507                      |        |                      |                |         |

Date January 20 1972

APPROVED BY SPARTAN GAS COMPANY Owner

By [Signature]  
(Title)

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02/11/2022

WW-4A  
Revised 6-07

1) Date: December 18, 2022  
2) Operator's Well Number  
6-S-164

3) API Well No.: 47 - 039 - 02541

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>Blackhawk Mining LLC</u> | Name <u>None</u>                           |
| Address <u>1801 Watergap Road</u>    | Address _____                              |
| <u>Prestonsburg, KY 41653</u>        | _____                                      |
| (b) Name _____                       | (b) Coal Owner(s) with Declaration         |
| Address _____                        | Name <u>Blackhawk Land &amp; Resources</u> |
| _____                                | Address <u>1801 Watergap Road</u>          |
| _____                                | <u>Prestonsburg, KY 41653</u>              |
| (c) Name _____                       | Name _____                                 |
| Address _____                        | Address _____                              |
| _____                                | _____                                      |
| 6) Inspector <u>Terry Urban</u>      | (c) Coal Lessee with Declaration           |
| Address <u>P.O. Box 1207</u>         | Name <u>No Declaration</u>                 |
| <u>Clendenin, WV 25045</u>           | Address _____                              |
| Telephone <u>304-549-5915</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: [Signature] Jeff Mast  
 Its: Director Production  
 Address 414 Summers Street  
Charleston, WV 25301  
 Telephone 304-543-6988

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JAN 20 2022

Subscribed and sworn before me this 18th day of January 2022  
Phyllis A. Copley Notary Public  
My Commission Expires September 16, 2023

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).

4703902541P

Well 6-5-164

47-039-02541

7020 2450 0001 5225 1662

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

Prestonsburg, KY 41653

**OFFICIAL USE**

|  |               |      |
|--|---------------|------|
| Certified Mail Fee   | \$3.75        | 0523 |
| Postage  | \$2.36        | 11   |
| Extra Services & Fees (check box, add fee 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        |      |
| <b>Total</b>   | <b>\$9.16</b> |      |

Postmark Here: 01/18/2022

To: **5-S-161, 2-S-157, 6-S-164**

Blackhawk Mining LLC and  
 Blackhawk Land & Resources

1801 Watergap Road  
 Prestonsburg, KY 41653

Instructions

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02/11/2022

4703902541P

WW-9  
(5/16)

API Number 47 - 039 - 02541  
Operator's Well No. 6-S-164

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) Left Fork Witcher Creek Quadrangle Quick

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)
- 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.

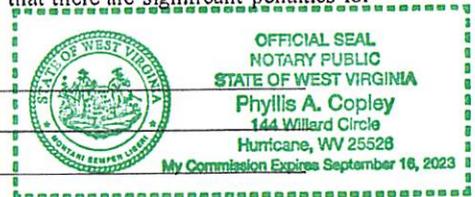
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations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

Company Official Title Director Production



Subscribed and sworn before me this 18<sup>th</sup> day of January, 2022

[Signature] Notary Public

My commission expires September 16, 2023

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

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type \_\_\_\_\_ 10-20-20 or equivalent

Fertilizer amount \_\_\_\_\_ 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: \_\_\_\_\_



Comments: \_\_\_\_\_

Title: \_\_\_\_\_



Date: \_\_\_\_\_



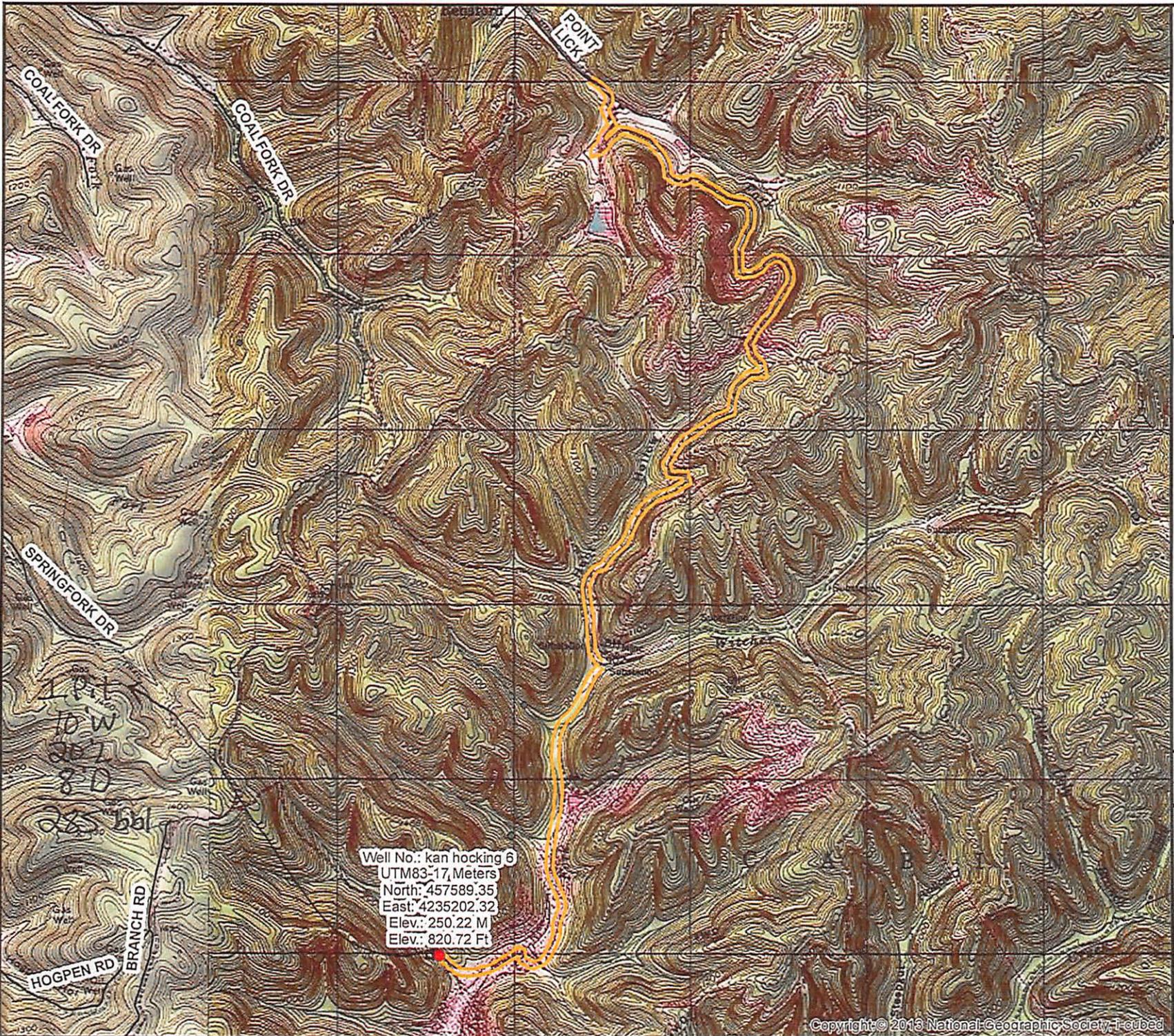
Field Reviewed? (  ) Yes (  ) No

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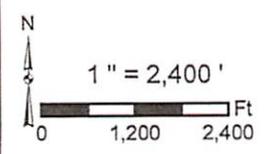
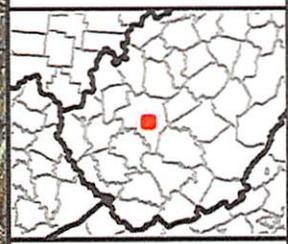
Diversified Gas & Oil Corporation  
 100 Diversified Way  
 Pikeville KY, 41051

47-039-02541

Plugging Map

**Legend**

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



Well No.: kan hocking 6  
 UTM83-17, Meters  
 North: 457589.35  
 East: 4235202.32  
 Elev.: 250.22 M  
 Elev.: 820.72 Ft

4703902541P

WW-7  
8-30-06



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

API: 4703902541 WELL NO.: 65S-164  
 FARM NAME: Kan Hocking Coal & Coke  
 RESPONSIBLE PARTY NAME: Diversified Production LLC  
 COUNTY: Kanawha DISTRICT: Cabin Ck  
 QUADRANGLE: Quick  
 SURFACE OWNER: Blackhawk Mining  
 ROYALTY OWNER: Pardee Resources  
 UTM GPS NORTHING: 4235202.32  
 UTM GPS EASTING: 457589.35 GPS ELEVATION: 820.72

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.

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.

Digitally signed by Austin Suttler  
Date: 2022.01.17 08:17:50  
-0500

Sr. Proj. Manager

1/17/2022

Signature

Title

Date

RECEIVED  
Office of Oil and Gas

JAN 20 2022

WV Department of  
Environmental Protection

02/11/2022



Stansberry, Wade A &lt;wade.a.stansberry@wv.gov&gt;

**Plugging Vertical Well Work Permit API: 47-039-02488, 02522, 02541, 02929, 03430, 03431)**

1 message

**Stansberry, Wade A** <wade.a.stansberry@wv.gov>

Wed, Feb 2, 2022 at 7:23 AM

To: "Mast, Jeff" &lt;jmast@dgoc.com&gt;, Sallie Robinson &lt;sallierobinson@kanawha.us&gt;, "Urban, Terry W" &lt;terry.w.urban@wv.gov&gt;

Terry,

I will be in the office tomorrow and have hard copies ready for you along with release sheets.

I have attached a copy of the newly issued well [permit](#) number. This will serve as your copy.

47-039-02488 -  
47-039-02522 -  
47-039-02541 -  
47-039-02929 -  
47-039-03430 -  
47-039-03431 -

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

Thank you,

**Wade A. Stansberry**  
Environmental Resource Specialist 3  
West Virginia Department of Environmental Protection  
Office of Oil & Gas  
601 57th St. SE  
Charleston, WV 25304  
(304) 926-0499 ext. 41115  
(304) 926-0452 fax  
[Wade.A.Stansberry@wv.gov](mailto:Wade.A.Stansberry@wv.gov)

**7 attachments**

-  **47-039-02488 - Copy.pdf**  
2727K
-  **47-039-02929 - Copy.pdf**  
2838K
-  **47-039-03430 - Copy.pdf**  
3045K
-  **47-039-02541 - Copy.pdf**  
3302K
-  **47-039-02522 - Copy.pdf**  
3798K
-  **47-039-03431 - Copy.pdf**  
3393K
-  **IR-8 Blank.pdf**  
212K

**02/11/2022**