



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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Wednesday, September 11, 2019
WELL WORK PLUGGING PERMIT
Vertical Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for D.C. HIBBS 527
47-049-00414-00-00

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: D.C. HIBBS 527
Farm Name: HIBBS, D. C.
U.S. WELL NUMBER: 47-049-00414-00-00
Vertical Plugging
Date Issued: 9/11/2019

Promoting a healthy environment.

I

47-049-00414P

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. This well is under a consent order and must be plugged under the terms of that agreement.

WW-4B
Rev. 2/01

1) Date June 7, 2019
2) Operator's
Well No. 651486 DC Hibbs #527
3) API Well No. 47-040 - 00414

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 ___ or Underground storage ___) Deep ___ / Shallow X
- 5) Location: Elevation 1181' Watershed Warrior Fork
District Mannington County Marion Quadrangle Glover Gap 7.5'
- 6) Well Operator EQT Production Company 7) Designated Agent Jason Ranson
Address 2400 Ansys Drive- Suite 200 Address 120 Professional Place
Canonsburg PA 15317 Bridgeport WV 26330
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Sam Ward Name HydroCarbon Well Service
Address PO Box 2327 Address PO Box 995
Buckhannon, WV 26201 Buckhannon WV 26201

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

See Attachment for details and procedures.

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Office of Oil and Gas

JUN 14 2019

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

Bryan O'Hara

Date

6-13-19

PLUGGING PROGNOSIS

Hibbs, D.G. #527 (651486)
 Marion Co. WV
 District, Mannington
 API # 47-049-00414

BY: Craig Duckworth
 DATE: 1/19/17

CURRENT STATUS:

10" csg @ 282'
 8 1/4" csg @ 1390'
 6 5/8" csg @ 2040'
 5 3/16" csg @ 2998'

Elevation @ ??

TD: 3110'

Fresh Water @ None Reported Coal @ 908'-912'
 Saltwater @ None Reported
 Gas shows @ 3089', 3086', 3084', 3021', 2264', 2270'

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WV Department of
 Environmental Protection

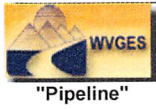
1. Notify State Inspector, **Sam Ward 304-389-7583**, 48 hrs. prior to commencing operations.
2. Check TD w/wireline
3. Attempt to pull 3" w/packer if unable to pull. Run bond log to find freepoint of 3". Perf. 3" @ gas shows. TOOH w/3"
4. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
5. Attempt to pull 5 3/16" w/packer if unable to pull. Run bond log to find freepoint of 5 3/16" @ 2998'. TOOH w/5 1/6"
6. TIH w/tbg to 3110', set 200' C1A cement plug from 3110' to 2910'. (Gas shows @ 3089', 3086', 3084', 3021' & 5 3/16" @ 2998')
7. TOOH w/tbg to 2910' gel hole 2910' to 2320',
8. TOOH w/tbg, Free point 6 5/8" csg, cut csg @ free point, TOOH w/csg.
9. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
10. TIH w/tbg to 2320' set 200' C1A cement plug from 2320' to 2120', (6 5/8" csg @ 2040' & gas shows @ 2270'-2264'.
11. TOOH w/tbg to 2120' gel hole 2120' to 1450'.

12. TOOH w/tbg, Free point 8 1/4" csg, cut csg @ free point, TOOH w/csg.
13. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
14. TOOH w/tbg to 1450', set 200' C1A cement plug 1450' to 1250'. (8 1/4" csg @ 1390').
15. TOOH w/tbg to 1250' gel hole from 1250' to 1050'.
16. TOOH w/tbg to 1150', set 200' C1A cement plug 1050' to 850' (elev. plug est. & coal @ 912'-908').
17. TOOH w/tbg to 850' gel hole from 850' to 332'.
18. TOOH w/tbg, Free point 10" csg, cut csg @ free point, TOOH w/csg.
19. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
20. TOOH w/tbg to 332', set 332' C1A cement plug 332' to 0' (10" @ 282').
21. Erect monument with API#
22. Reclaim location and road to WV-DEP specifications.

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Office of Oil and Gas

JUN 14 2019

WV Department of
Environmental Protection



Select County: **(049) Marion** Select datatypes: (Check All)

Enter Permit #: **00414**

Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/ShowWater Logs Btm Hole Loc

- [Table Descriptions](#)
- [County Code Translations](#)
- [Permit-Numbering Series](#)
- [Usage Notes](#)
- [Contact Information](#)
- [Disclaimer](#)
- [WVGES Main](#)
- ["Pipeline-Plus" New](#)

WV Geological & Economic Survey:

Well: County = 49 Permit = 00414

Report Time: Tuesday, September 10, 2019 10:34:31 AM

Well Reassignment Information: Reassigned From

| OLD_COUNTY | OLD_PERMIT | NEW_COUNTY | NEW_PERMIT |
|------------|------------|------------|------------|
| 49 | 71955 | 49 | 414 |

Location Information: [View Map](#)

| API | COUNTY | PERMIT | TAX_DISTRICT | QUAD_75 | QUAD_15 | LAT_DD | LON_DD | UTME | UTMN |
|------------|--------|--------|--------------|------------|------------|-----------|------------|----------|-----------|
| 4704900414 | Marion | 414 | Mannington | Glover Gap | Mannington | 39.580224 | -80.470881 | 545440.9 | 4381301.6 |

There is no Bottom Hole Location data for this well

Owner Information:

| API | CMP_DT | SUFFIX | STATUS | SURFACE_OWNER | WELL_NUM | CO_NUM | LEASE | LEASE_NUM | MINERAL_OWN | OPERATOR_AT_COMPLETION | PROP_VD | PROP_TRGT_FM | TFM_EST_PR |
|------------|--------|--------|--------------|---------------|-----------|--------|-------|-----------|-------------|--------------------------|---------|--------------|------------|
| 4704900414 | -/- | | Original Loc | Completed | D C Hibbs | 527 | | | | Carnegie Natural Gas Co. | | | |

Completion Information:

| API | CMP_DT | SPUD_DT | ELEV | DATUM | FIELD | DEEPEST_FM | DEEPEST_FMT | INITIAL_CLASS | FINAL_CLASS | TYPE | RIG | CMP_MTHD | TVD | TMD | NEW_FTG | KOD | G_BEFF | G_AFT | O_BEFF | O_A |
|------------|--------|---------|------|-------|---------|------------|-------------|---------------|--------------|---------------|---------|----------|-----|-----|---------|-----|--------|-------|--------|-----|
| 4704900414 | -/- | -/- | | | Unnamed | | | unclassified | unclassified | not available | unknown | unknown | | | 0 | | 0 | 0 | 0 | 0 |

There is no Pay data for this well

Production Gas Information: (Volumes in Mcf)

| API | PRODUCING_OPERATOR | PRD_YEAR | ANN_GAS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DCM |
|------------|------------------------------|----------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4704900414 | Carnegie Natural Gas Co. | 1981 | 1,868 | 159 | 144 | 159 | 154 | 159 | 154 | 159 | 159 | 149 | 159 | 154 | 159 |
| 4704900414 | Carnegie Natural Gas Co. | 1982 | 8,065 | 691 | 624 | 691 | 668 | 691 | 668 | 690 | 690 | 602 | 691 | 668 | 691 |
| 4704900414 | Carnegie Natural Gas Co. | 1983 | 4,863 | 397 | 359 | 397 | 384 | 384 | 384 | 397 | 359 | 384 | 518 | 501 | 397 |
| 4704900414 | Carnegie Natural Gas Co. | 1984 | 2,928 | 397 | 372 | 397 | 384 | 397 | 165 | 171 | 138 | 115 | 132 | 128 | 132 |
| 4704900414 | Carnegie Natural Gas Co. | 1985 | 1,571 | 142 | 145 | 138 | 134 | 110 | 107 | 135 | 138 | 133 | 126 | 131 | 132 |
| 4704900414 | Carnegie Natural Gas Co. | 1986 | 1,474 | 132 | 114 | 107 | 101 | 123 | 151 | 130 | 130 | 128 | 119 | 122 | 117 |
| 4704900414 | Carnegie Natural Gas Co. | 1987 | 1,721 | 117 | 106 | 117 | 113 | 117 | 141 | 117 | 135 | 122 | 135 | 384 | 117 |
| 4704900414 | Carnegie Natural Gas Co. | 1988 | 1,457 | 117 | 124 | 125 | 121 | 117 | 121 | 125 | 123 | 119 | 111 | 126 | 128 |
| 4704900414 | Carnegie Natural Gas Co. | 1989 | 1,527 | 128 | 107 | 161 | 116 | 120 | 128 | 132 | 132 | 128 | 115 | 128 | 132 |
| 4704900414 | Carnegie Natural Gas Co. | 1990 | 5,351 | 125 | 507 | 535 | 524 | 470 | 364 | 376 | 376 | 518 | 542 | 472 | 542 |
| 4704900414 | Carnegie Natural Gas Co. | 1991 | 4,256 | 542 | 489 | 397 | 167 | 397 | 384 | 397 | 397 | 267 | 276 | 267 | 276 |
| 4704900414 | Carnegie Natural Gas Co. | 1992 | 4,928 | 414 | 374 | 397 | 322 | 332 | 322 | 332 | 518 | 501 | 518 | 501 | 397 |
| 4704900414 | Carnegie Natural Gas Co. | 1993 | 4,901 | 397 | 359 | 173 | 167 | 384 | 509 | 509 | 481 | 506 | 457 | 486 | 473 |
| 4704900414 | Carnegie Natural Gas Co. | 1996 | 6,702 | 643 | 490 | 399 | 629 | 629 | 458 | 643 | 627 | 643 | 571 | 485 | 485 |
| 4704900414 | Carnegie Natural Gas Co. | 1997 | 7,088 | 485 | 561 | 561 | 601 | 597 | 615 | 615 | 615 | 595 | 643 | 594 | 606 |
| 4704900414 | Carnegie Production Company | 1998 | 6,953 | 210 | 606 | 540 | 601 | 614 | 594 | 622 | 650 | 601 | 643 | 600 | 672 |
| 4704900414 | Carnegie Production Company | 1999 | 7,241 | 606 | 560 | 574 | 555 | 633 | 640 | 651 | 643 | 609 | 615 | 581 | 574 |
| 4704900414 | Carnegie Production Company | 2000 | 6,723 | 553 | 496 | 575 | 556 | 575 | 556 | 575 | 575 | 556 | 575 | 556 | 575 |
| 4704900414 | Equitable Production Company | 2001 | 5,553 | 575 | 519 | 450 | 436 | 450 | 436 | 450 | 450 | 436 | 450 | 436 | 450 |
| 4704900414 | Equitable Production Company | 2002 | 4,816 | 0 | 443 | 443 | 429 | 444 | 429 | 443 | 442 | 429 | 443 | 429 | 443 |
| 4704900414 | Equitable Production Company | 2003 | 5,215 | 443 | 400 | 443 | 428 | 443 | 429 | 442 | 444 | 428 | 443 | 429 | 443 |
| 4704900414 | Equitable Production Company | 2004 | 3,487 | 443 | 414 | 443 | 429 | 443 | 429 | 443 | 443 | 0 | 0 | 0 | 0 |
| 4704900414 | Equitable Production Company | 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2008 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2010 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

| API | PRODUCING_OPERATOR | PRD_YEAR | ANN_OIL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DCM |
|------------|------------------------------|----------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4704900414 | Carnegie Natural Gas Co. | 1981 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1982 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1984 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1985 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1987 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1989 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1990 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1991 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1992 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1993 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1996 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Natural Gas Co. | 1997 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Production Company | 1998 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Production Company | 1999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Carnegie Production Company | 2000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Equitable Production Company | 2001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Equitable Production Company | 2002 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Equitable Production Company | 2003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Equitable Production Company | 2004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | Equitable Production Company | 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2008 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2010 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

| API | PRODUCING_OPERATOR | PRD_YEAR | ANN_NGL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DCM |
|------------|------------------------|----------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4704900414 | EQT Production Company | 2013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Production Water Information: (Volumes in Gallons)

| API | PRODUCING_OPERATOR | PRD_YEAR | ANN_WTR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DCM |
|------------|------------------------|----------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4704900414 | EQT Production Company | 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4704900414 | EQT Production Company | 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

1) Date: June 7, 2019 **47049004149**
2) Operator's Well Number
651486 DC Hibbs #527
3) API Well No.: 47 - 049 - 00414

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>See Attached</u> | Name _____ |
| Address _____ | Address _____ |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name <u>See Attached</u> |
| (c) Name _____ | Address _____ |
| Address _____ | Name _____ |
| 6) Inspector <u>Sam Ward</u> | (c) Coal Lessee with Declaration |
| Address <u>PO Box 2327</u> | Name _____ |
| <u>Buckhannon, WV 26201</u> | Address _____ |
| Telephone <u>304-389-7583</u> | _____ |

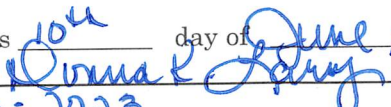
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

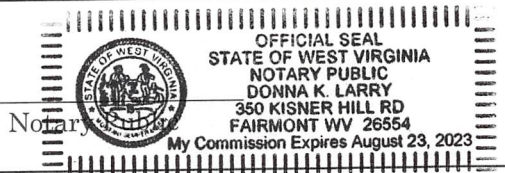
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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 | <u>EQT Production Company</u> | RECEIVED Office of Oil and Gas |
| By: | <u>Todd Kianer</u>  | JUN 14 2019 |
| Its: | <u>Regional Land Manager</u> | WV Department of |
| Address | <u>2400 Ansys Drive, Suite 200</u> | Environmental Protection |
| | <u>Canonsburg PA 15317</u> | |
| Telephone | <u>(724) 271-7314</u> | |

Subscribed and sworn before me this 10th day of June, 2019
Donna K. Larry 
My Commission Expires 8-23-2023



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.

47-049-00414

651486 DC Hibbs #527

Owner(s) (Surface and Access)

Michael C & Elizabeth C Nichenke
1116 Warrior Fork Rd
Mannington, WV 26582

Coal Owner(s)

Gaallatin Fuels Inc.
250 W Main St
Uniontown, PA 15401

Consol Mining Company, LLC
1000 Consol Energy Drive
Canonsburg, PA 15317

CNX Gas Company, LLC
1000 Consol Energy Drive
Canonsburg, PA 15317

Murray Energy Corp.
46226 National Road
St. Clairsville, OH 43950

Potential Water Owner(s)

Michael C Nichenke
1116 Warrior Fork Road
Mannington, WV 26582

RECEIVED
Office of Oil and Gas

JUN 14 2019

WV Department of
Environmental Protection

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name EQT Production Company OP Code 306686

Watershed (HUC 10) Warrior Fork Quadrangle Glover Gap 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: Formation Fluids

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- 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: _____

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

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. _____

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

-Landfill or offsite name/permit number? _____

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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.

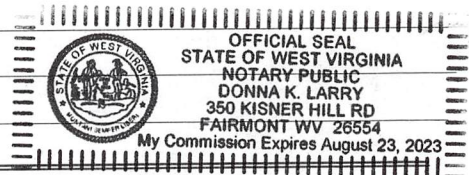
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations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

Company Official (Typed Name) Todd Klaner

Company Official Title Regional Land Manager



Subscribed and sworn before me this 10th day of June, 2019

Donna K. Larry Notary Public

My commission expires 8-23-2023

EQT Production Water plan
Offsite disposals

Waste Management - Meadowfill Landfill

Rt. 2, Box 68 Dawson Drive
Bridgeport, WV 26330
304-326-6027
Permit #SWF-1032-98
Approval #100785WV

Waste Management - Northwestern Landfill

512 E. Dry Road
Parkersburg, WV 26104
304-428-0602
Permit #SWF-1025 WV-0109400
Approval #100833WV

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47-049-00414P

Form WW-9

Operator's Well No. 651486 DC Hibbs #527

Proposed Revegetation Treatment: Acres Disturbed 1± Prevegetation pH

Line 3 Tons/acre or to correct to pH 6.5

Fertilizer type (10-20-20) or equivalent

Fertilizer amount 1/3 ton lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

| Temporary | | Permanent | |
|---------------|----------|---------------|----------|
| Seed Type | lbs/acre | Seed Type | lbs/acre |
| Red Fescue | 40 | Red Fescue | 15 |
| Aslike Clover | 5 | Aslike 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: Bryan O'Hara

Comments:

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Title: Inspector Date: 6-13-19

Field Reviewed? () Yes (X) No

Topo Quad: Glover Gap 7.5'

Scale: 1" = 500'

47-049-00414P

County: Marion

Date: May 3, 2019

District: Mannington

Project No: 74-18-00-08

Highway

47-049-00414 WV 651486 (D. C. Hibbs #527)

Pit Location Map



Existing Well
Access Road

47-049-00414
WV 651486

Warrior

Fork

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Environmental Protection

NAD 27, North Zone
N:395202.80
E:1725555.94

WGS 84
LAT:39.581062
LONG:-80.473521
ELEV:1181.08'

LEGEND

 Proposed Pit Location



SURVEYING AND MAPPING SERVICES PERFORMED BY:

ALLEGHENY SURVEYS, INC.

1-800-482-8606
237 Birch River Road
Birch River, WV 26610
PH: (304) 649-8606
FAX: (304) 649-8608

PREPARED FOR:

EQT Production Company

2400 Ansys Drive, Suite 200
Canonsburg, PA 15317

Topo Quad: Glover Gap 7.5'

Scale: 1" = 200'

47-049-00414P

County: Marion

Date: May 3, 2019

District: Mannington

Project No: 74-18-00-08

47-049-00414 WV 651486 (D. C. Hibbs #527)

Topo

Pit Location Map



WARRIOR FORK R

1/3

Warrior

Existing Well Access Road

47-049-00414
WV 651486

Fork

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WV Department of
Environmental Protection

NAD 27, North Zone
N:395202.80
E:1725555.94

WGS 84
LAT:39.581062
LONG:-80.473521
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LEGEND

 Proposed Pit Location



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PH: (304) 649-8606
FAX: (304) 649-8608

PREPARED FOR:

EQT Production Company

2400 Ansys Drive, Suite 200
Canonsburg, PA 15317

Topo Quad: Glover Gap 7.5'

Scale: 1" = 500'

47-049-00414 P

County: Marion

Date: May 3, 2019

District: Mannington

Project No: 74-18-00-08

47-049-00414 WV 651486 (D. C. Hibbs #527)

Topo



NAD 27, North Zone
N:395202.80
E:1725555.94
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 Office of Oil and Gas
 JUN 14 2019
WGS 84
LAT:39.561007
LONG:-80.473521
ELEV:1181.08'



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 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
 2400 Ansys Drive, Suite 200
 Canonsburg, PA 15317

WW-7
8-30-06



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

API: 47-049-00414 WELL NO.: WV 651486 (D. C. Hibbs #527)

FARM NAME: D. C. Hibbs

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Marion DISTRICT: Mannington

QUADRANGLE: Glover Gap 7.5'

SURFACE OWNER: Michel C. & Elizabeth S. Niehenke

ROYALTY OWNER: Michel C. & Elizabeth S. Niehenke

UTM GPS NORTHING: 4381393

UTM GPS EASTING: 545214 GPS ELEVATION: 360 m (1181 ft)

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

PS# 2180
Title

5/6/2019
Date

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