

#### 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

Friday, September 19, 2025 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

EQT PRODUCTION COMPANY 400 WOODCLIFF DR. CANONSBURG PA 15317

Re:

Permit Modification Approval for HALLIBU 1H

47-103-03701-00-00

Extending lateral

### EQT PRODUCTION COMPANY

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before 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: HALLIBU 1H

Farm Name: EQT PRODUCTION COMPANY

U.S. WELL NUMBER: 47-103-03701-00-00

Horizontal 6A New Drill

Date Modification Issued: 9/19/2025

Promoting a healthy environment.

WW-6B (04/15)

| API NO. 47-103    | _ 03701     |  |
|-------------------|-------------|--|
| <b>OPERATOR V</b> | VELL NO. 1H |  |
| Well Pad Na       | me: Hallibu |  |

### STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

| ) Well Operator: EQT F                                 | Production Company                                  | 306686              | Wetzel            | Clay        | Littleton                                  |
|--|---|---------------------|-------------------|-------------|--|
| ) Hell operator.                                       |   | Operator ID         | County            | District    | Quadrangle                                 |
| 2) Operator's Well Number                              | er: 1H  | Well Pad            | Name: Hallib      | u           |  |
| 3) Farm Name/Surface Ov                                | wner: EQT Production Co                             | mpany Public Roa    | d Access: CR      | 7/17        |  |
| 4) Elevation, current grou                             | nd: 1340' El  | evation, proposed   | post-construction | on: 1340'   |  |
| 5) Well Type (a) Gas                                   |   |                     |                   |             |  |
| Other  |   |                     |                   |             |  |
| (b)If Gas  | Shallow X   | Deep                |                   |             |  |
|  | Horizontal X  |                     |                   |             |  |
| 6) Existing Pad: Yes or N                              |   |                     |                   | 112.00      |  |
| 7) Proposed Target Forma<br>Marcellus, 7,571', 52', 2  |   | cipated Thickness a | and Expected P    | ressure(s): |  |
| 8) Proposed Total Vertica                              | Il Depth: 7,571'                                    |                     |                   |             |  |
| 9) Formation at Total Ver                              |   | S                   |                   |             |  |
| 10) Proposed Total Meas                                | ured Depth: 15,831'                                 |                     |                   |             |  |
| 11) Proposed Horizontal                                | Leg Length: 7,050'                                  |                     |                   |             |  |
| 12) Approximate Fresh W                                | Vater Strata Depths:                                | 43', 90'            |                   |             |  |
| 13) Method to Determine                                | Fresh Water Depths:                                 | Offset wells 103-0  | 02767, 103-02     | 2179 103-   | -00005                                     |
| 14) Approximate Saltwat                                |   | 10', 2,351'         |                   |             |  |
| 15) Approximate Coal Se                                |   |                     | -1,073'           |             | -  |
| 16) Approximate Depth t                                |   |                     |                   |             |  |
| 17) Does Proposed well l<br>directly overlying or adja | ocation contain coal sea<br>cent to an active mine? | Yes                 | No                | , <u>X</u>  |  |
| (a) If Yes, provide Mine                               | e Info: Name:                                       |                     |                   |             | Office of Oil and Gas                      |
| (-/, p   | D 4   |                     |                   |             | office of O"                               |
|  | Seam:   |                     |                   |             | AUG 28 2025                                |
|  | Owner:  |                     |                   |             |  |
|  |   |                     |                   |             | WV Department Of<br>Environmental Protecti |
|  |   |                     |                   |             | -  |

Stephen 1 of 3 Gitally signed by Stephen Mccoy Date: 2025.07.08 07:46:12 -04'00'

| WW-6B   |  |
|---------|--|
| (04/15) |  |

| API NO. 47- 103 | _ 03701     |
|-----------------|-------------|
| OPERATOR W      | /ELL NO. 1H |
| Well Pad Nar    | me: Hallibu |

### 18)

## CASING AND TUBING PROGRAM

| ТҮРЕ         | Size<br>(in) | New<br>or<br>Used | Grade          | Weight per ft.<br>(lb/ft) | FOOTAGE: For<br>Drilling (ft) | INTERVALS:<br>Left in Well<br>(ft) | CEMENT:<br>Fill-up<br>(Cu. Ft.)/CTS |
|--------------|--------------|-------------------|----------------|---------------------------|-------------------------------|------------------------------------|-------------------------------------|
| Conductor    | 26           | New               | A252 GR 3 Bare | 85.6                      | 53                            | 53                                 | 45 ft^3 / CTS                       |
| Fresh Water  | 13 3/8       | New               | J-55           | 54.5                      | 1123                          | 1123                               | 1020 ft^3 / CTS                     |
| Coal         |              |                   |                |                           |                               |                                    | <u> </u>                            |
| Intermediate | 9 5/8        | New               | J-55           | 36                        | 2653                          | 2653                               | 1020 ft^3 / CTS                     |
| Production   | 5 1/2        | New               | P-110          | 20                        | 15831                         | 15831                              | 500' above intermediate casing      |
| Tubing       |              |                   |                |                           |                               |                                    |                                     |
| Liners       |              |                   |                |                           |                               |                                    |                                     |

| ТҮРЕ         | Size (in) | Wellbore<br>Diameter (in) | Wall<br>Thickness<br>(in) | Burst Pressure<br>(psi) | Anticipated Max. Internal Pressure (psi) | Cement<br>Type | Cement<br>Yield<br>(cu. ft./k) |
|--------------|-----------|---------------------------|---------------------------|-------------------------|--|----------------|--------------------------------|
| Conductor    | 26        | 30                        | 0.312                     | 1000                    | 18                                       | Class A/L      | 1.04 - 1.20                    |
| Fresh Water  | 13 3/8    | 17 1/2                    | 0.380                     | 2730                    | 2184                                     | Class A/L      | 1.04 - 1.20                    |
| Coal         |           |                           |                           |                         |  |                |                                |
| Intermediate | 9 5/8     | 12 3/8                    | 0.352                     | 3520                    | 2816                                     | Class A/L      | 1.04 - 1.20                    |
| Production   | 5 1/2     | 8 1/2                     | 0.361                     | 14360                   | 11488                                    | Class A/H/L    | 1.04 - 2.10                    |
| Tubing       |           |                           |                           |                         |  |                | ··                             |
| Liners       |           |                           |                           |                         |  | ]              |                                |

## **PACKERS**

|             | FACKERS | BECEIVED Gas                              |
|-------------|---------|---|
| Kind:       |         | Office of Oil and                         |
| Sizes:      |         | AUG 28 2025                               |
| Depths Set: |         | WV Department of Environmental Protection |

| API NO. 47- 103 - | 03701     |
|-------------------|-----------|
| OPERATOR WEL      | L NO. 1H  |
| Well Pad Name     | : Haliibu |

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and complete a new horizontal well in the Marcellus Formation. Drill the vertical, kick off and drill curve. Drill the lateral in the Marcellus. Cement casing.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.1%) of chemicals (including 15% Hydrochloric acid, friction reducer, blocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 10,000 psi, maximum anticipated treating rates are expected to average approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 350,000 gallons of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000-600,000 pounds of proppant per stage.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 25.2
- 22) Area to be disturbed for well pad only, less access road (acres): 16.8

23) Describe centralizer placement for each casing string:

- Surface: Bow spring centralizers One centralizer at the shoe and one spaced every 500'.
- Intermediate: Bow spring centralizers- One centralizer at the shoe and one spaced every 500'.
- Production: One solid body centralizer spaced every other joint from production casing shoe to landing point. One solid body centralizer spaced every joint from landing point to planned top of cement.

## 24) Describe all cement additives associated with each cement type:

Conductor: No additives

Surface: Calcium Chloride. Used to speed the setting of cement slurries

intermediate: Calcium Chloride. Used to speed the setting of cement slurries.

Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder,

Anti-Settling/Suspension Agent

25) Proposed borehole conditioning procedures:

Surface: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.

Intermediate: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at

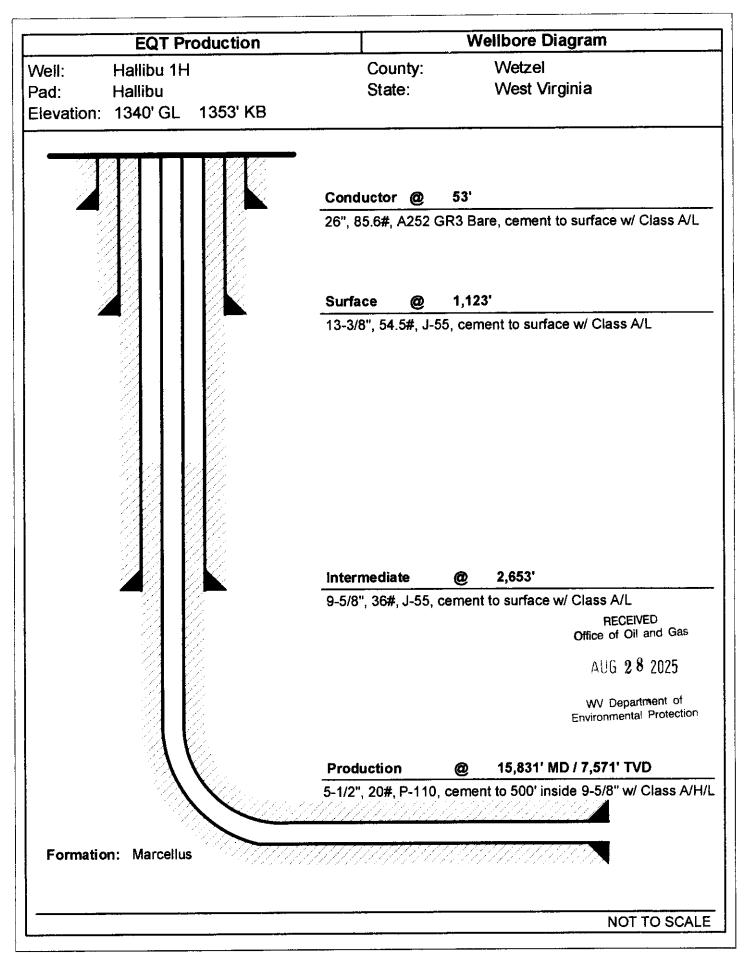
Production: Perform a cleanup cycle by pumping 3-8 bottoms up or until the shakers are clean. Check volume of cuttings coming across the shakers every 15 minutes. RECEIVED

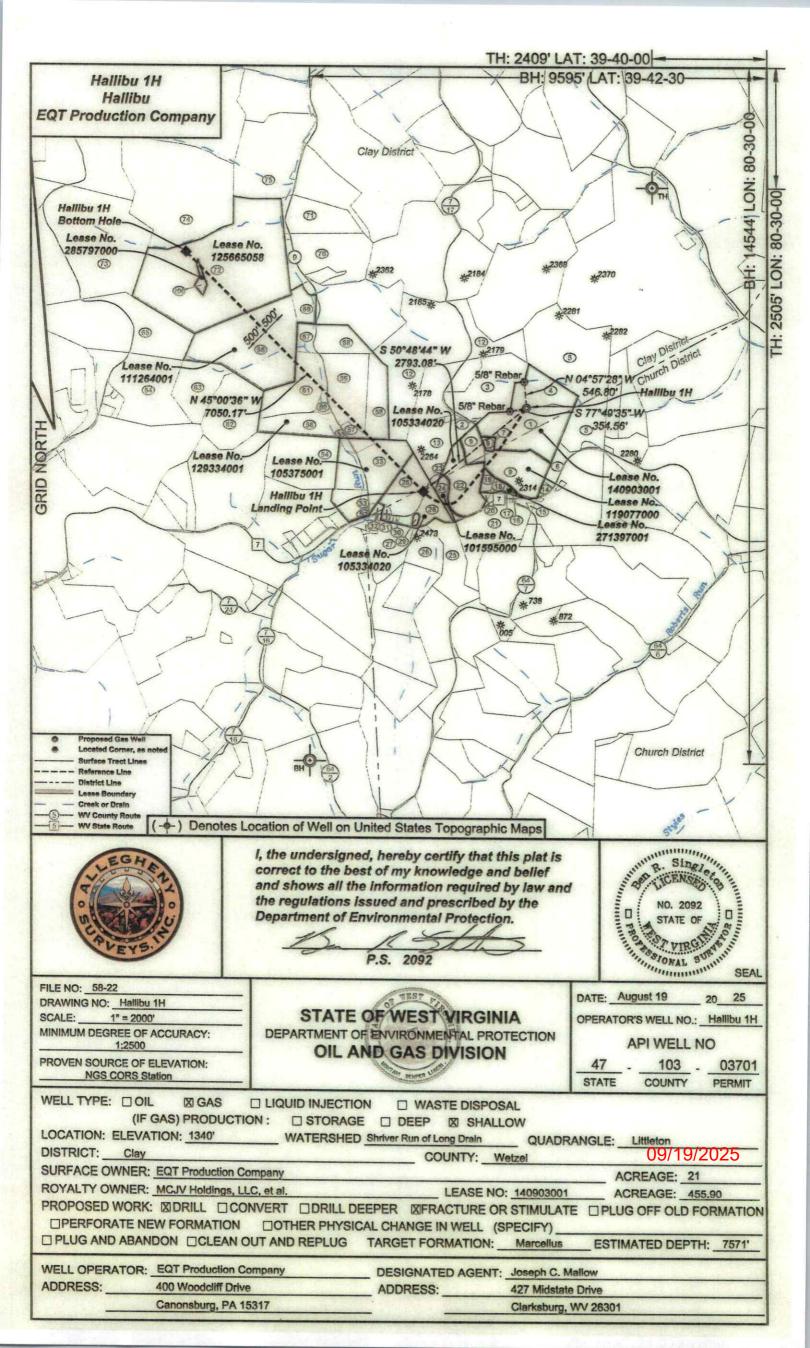
\*Note: Attach additional sheets as needed.

Office of Oil and Gas 9.8 2025

Whi Department of Environments projection

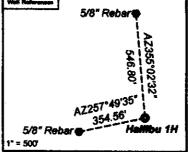
Page 3 of 3 signed by Stephen Stephen Mccoy Date: 2025.07.08 07:46:43 Mccoy





## Hallibu 1H Hallibu EQT Production Company

| <b>EW!</b> | Produc      | non C      | ompi           | any                |  |               |
|------------|-------------|------------|----------------|--------------------|--|---------------|
| Rect I.D.  | The Map No. | Percel No. | County         | Obstrict           | Surface Tract Owner                                | Acres         |
| 1          | 10          | 3          |                | Church             | EQT Production Company                             | 36.4          |
| 2          | 7           | 18.2       | Vilstani       | Clay               | Grandview-Doolin PSD                               | 0.38          |
| 3          | 7           | 18.1       | Wetnest        | Clay               | Martha Mason & Carelyn Hanlon                      | 30            |
| 4          | 6           | 21         | Whitmi         | Church             | <b>BOT Production Company</b>                      | 21            |
| 5          | 7           | 19         | Websel         | Clay               | Robert M. Roberts                                  | 73.211        |
| 6          | 10          | 12.2       | Whitad         | Oturch             | Ridgit Wilght                                      | 5.18          |
| 7          | 10          | 2          | Wide           | Church             | <b>EQT Production Company</b>                      | 0.78          |
| В          | 10          | 2.1        | White          | Church             | Thomas E Brown Life Estate                         | 0.88          |
| 9          | 10          | 9          | With           | Church             | Patricle C. Spangler                               | 35            |
| 12         | 7           | 17         | Violent        | Clay               | Fizibin L. Ult & Alleha Carole                     | 90.5          |
| 13         | 10          | 1          |                | Church             | Dritting Appalachien Corp                          | 24.6          |
| . 14       | 10          | 12.1       |                | Church             | Patricia C. Spangler                               | 0.5           |
| 15         | 10          | 10         |                | Church             | Harriet L. Tustin Eife Estate                      | 0.52          |
| 16         | 10          | 9.5        |                | Charch             | John Pice  | 0.25          |
| 17         | 10          | 9.3        |                | Church             | John Rice  | 0.25          |
| 18         | 10          | 9.1        |                | Quarch             | John Pice  | 2.22          |
| 19         | 10          | 9.2        |                | Church             | John Rice  | 1.28          |
| 20         | 10          | 9.4        |                | Church             | Gatrig Coogray                                     | 0.5           |
| 21         | 10          | 15.2       |                | Church             | Cay D. Swith                                       | 34.21         |
| 22         | 10          | 1.1        |                | Church             | Gilvig Congray                                     | 19.25         |
| 23         | 10          | 1.4        |                | Church             | Kenneth R & Jannifler L. Mason                     | 1.06          |
| 24         | 10          | 1.2        |                | Church             | Jack D. & Linda Coagray                            | 4             |
| 25         | 10          | 18.1       |                | Church             | Clay D. Smith                                      | 22.92         |
| 28<br>27   | 9           | 8          |                | Church             | Mark Pansom  | 43.3          |
| 28         | 9           | 8.1        |                | Church             | Annon A & Rore J Burley                            | 18            |
| 29         | 12<br>12    | 43         |                | Center             | Jack D. & Linda Congrey                            | 27.269        |
| 30         | 12<br>9     | 43.1       |                | Carster            | Tereny R. & Terres J. Supp                         | 0.25          |
| 31         | 9           | 19<br>1.1  |                | Church             | Sheron Goddard                                     | Lot 6         |
| 32         | 12          | 41         |                | :Church<br>:Canter | Irono P. Kylo                                      | 0.461         |
| 33         | 12<br>6     | 27         | Vital          |                    | Irano P. Iglo                                      | 1.13          |
| 52<br>52   | 6           | 20<br>20.1 | Vision         | Cay                | John D. Whitehill Life Estate                      | 35,75         |
| 53         | 6           | 29.2       | With           | Clay               | Min C Goodrich                                     | 0.729         |
| 54         | 6           | 21         | Victori        | Clay<br>Clay       | Donald F. & Nanoyi, Dorach<br>Reani Hooriz, et al. | 1.569         |
| 55         | 6           | 21.1       | Water          |                    | Plant Hootz, et al.                                | 35.75         |
| 56         | 6           | 33         | Winter         |                    | Pinani Hooniz, et al.<br>Pinani Hooniz, et al.     | 1.06          |
| 57         | 6           | 20.1       | White          | Cley               | Affred D. Harsilton                                | 17,37<br>2,79 |
| 58         | 6           | 23         | Visited        | Clay               | Rhoades C Whitehill Life Estate                    | 14.5          |
| 59         | 6           | 20         | With           | Clay               | Phoedes C Whitefull Life Bristo                    | 22.33         |
| 80         | 6           | 16.1       | Without        |                    | Paul C Houston H                                   | 242           |
| 81         | 6           | 18.2       | White          |                    | Rendall A & Tine R Mahn                            | 25.465        |
| 62         | 12          | 15         |                | Carte              | David & Amenda Ruch                                | 33            |
| 63         | 12          | 14         |                | Contar             | David & Amende Rush                                | 23.54         |
| 64         | 12          | 12         | Vital          | Clinter            | Nancy E Julille                                    | 31.73         |
| 85         | 12          | 7          | White          | Center             | Clashath Villiams                                  | 61.76         |
| 66         | 6           | 17         | With           | Clay               | Ganaviews Booth                                    | 64.5          |
| 67         | 6           | 18         | Websi          | Clay               | Carof & Huhn                                       | 4.98          |
| - 86       | 6           | 19         | White          |                    | Thomas C. Anderson                                 | 17            |
| 80         | 6           | 16         | Wited          |                    | Larry Vdee   | 10            |
| . 70       | 8           | 14         | <b>VALUE</b>   | Gay                | William L & Pully A John                           | 33,741        |
| 71         | 6           | 13         | Vitami         | Clay               | Salen J Minor                                      | 18.5          |
| 72         | 6           | 10         | View           | Clay               | Starbett Villiams                                  | 132.75        |
| 73         | 6           | 24         |                | Clay               | Permitt L Street, et al.                           | 100           |
| 74         | 6           | 9          | White          |                    | Donne L. Rinner                                    | 97.8          |
| 75         | 6           | 8          | <b>Vitinal</b> | Clay               | Carolyn Salpman                                    | 51.582        |
| 200        | 16          | 84         | Violeni        | Clerker            | Hinberty A. Saumore                                | 2.48          |
| Į.         |             |            |                |                    |  |               |



Halibu 1H coordinates are

NAD 27 N: 423,965.38 E: 1,716,002.69

NAD 27 Let: 39,689707 Leng: -90,508750

NAD 33 UTM N: 4,390,113.73 E: 542,157.11

Halibu 1H Landing Puint coordinates are

NAD 27 Let: 39,684795 Long: -80,516368

NAD 83 UTM N: 4,399,565.04 E: 541,506,54

Halibu 1H Bollen Hote continues are

NAD 27 N: 427,266.03 E: 1,706,651.98

NAD 27 Let: 39,669322 Long: -90,554280

NAD 83 UTM N: 4,391,086.19 E: 539,962.12

West Virginia Coordinate system of 1927 (North Zone)
based upon Differential GPS Measurements.

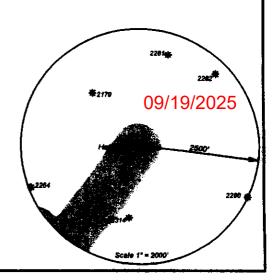
Plat orientation, corner and well lies are based upon the grid north meridian.

Well location references are based upon the grid north meridian.

UTM coordinates are NAD63, Zone 17, Meters.

02-6-21 Hallibu 2H 02-10-3

| Lease No. | Qwner                                 | Agres              |
|-----------|---------------------------------------|--------------------|
| 140903901 | MCJV Holdings, LLC, et al.            | 456.90             |
| 119077000 | Patricia C. Spangler                  | 35                 |
| 271397001 | Patricia C. Spangler, et al.          | 4.318              |
| 105334020 | Date Palm Resources, LLC, et al.      | 19.25 of 376.53    |
| 101595000 | Nancy Dawn Coegray, et al.            | 4 of 173,77554     |
| 105334020 | Master Mineral Holdings I, LP, et al. | 29.23 ac of 376.53 |
| 105375001 | MCJV Holdings, LLC, et al.            | 50                 |
| 129334001 | Elk Range Royalties II, LP, et al.    | 140                |
| 111264001 | Elithom Minarai II, LLC, et al.       | 135                |
| 125065058 | RDFS, LLC, et al.                     | 132.75             |
| 285797900 | Kimberty A. Sizemore                  | 2.40875            |



### INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

| Lease Name or |                       |                       |         |           |
|---------------|-----------------------|-----------------------|---------|-----------|
| Number        | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book/Page |
| 0             |                       |                       |         |           |

#### See attached list

# Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

RECEIVED
Office of Oil and Gas

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

AUG 28 2025

WV Department of Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:

By: EQT Production Company

Branden Weimer

Regional Manager - Permitting

Page 1 of 4

| Lease No.        | Grantor, Lessor, etc.   | Acres                                      | Grantee, Lessee, etc.   | Royalty                                | Book/Page               |
|------------------|---|--|---|--|-------------------------|
|                  |   |  |   | "at least 1/8th per WV                 | ,                       |
|                  | MCJV Holdings, LLC, et al.  |  |   | Code 22-6-8*                           |                         |
| 140903001        | John M. Hunt and Mary J. Hunt, husband and wife   | 455.90 ac                                  | TH Exploration LLC  |  | OG 209A/757 & 219A/763  |
|                  | TH Exploration, LLC   |  | EQT Production Company  |  | OG 258A/333             |
|                  |   |  |   | "at least 1/8th per WV<br>Code 22-6-8" | 1                       |
| 44000000         | Patricia C. Spangler  | 05   | Dellie - Americalia - Compania  | Code 22-0-0                            | OC 904/007              |
| <u>119077000</u> | Patricia Spangler   | 35 ac                                      | Drilling Appalachian Corporation                                      |  | OG 89A/227<br>OG 124A/9 |
|                  | Drilling Appalachian Corporation  |  | Grenadier Energy Partners, LLC<br>Statoil USA Onshore Properties Inc. |  | OG 138A/1               |
|                  | Grenadier Energy Partners, LLC Drilling Appalachian Corporation   |  | Statoil USA Onshore Properties Inc.                                   |  | OG 138A/54              |
|                  | Grenadier Energy Partners, LLC  |  | Statoil USA Onshore Properties Inc.                                   |  | OG 153A/695             |
|                  | Drilling Appalachian Corporation  |  | Statoil USA Onshore Properties Inc.                                   |  | OG 153A/640             |
|                  | Statoil USA Onshore Properties Inc.   |  | EQT Production Company  |  | OG 175A/707             |
|                  |   |  |   | "at least 1/8th per W\                 | l                       |
|                  | Patricia C. Spangler, et al.  |  |   | Code 22-6-8"                           |                         |
| <u>271397001</u> | Patricia C. Spangler, a widow   | 4.318 ac                                   | EQT Production Company  |  | OG 401A/603             |
|                  | Date Palm Resources, LLC, et al.  |  |   | "at least 1/8th per W\<br>Code 22-6-8" | /                       |
|                  |   | 19.25 ac of                                |   |  |                         |
| 105334020        | Jack David Cosgray and Linda Cosgray, his wife  | 376.53                                     | Drilling Appalachian Corporation                                      |  | OG 106A/530             |
|                  | Drilling Appalachian Corporation  |  | Grenadier Energy Partners, LLC  |  | OG 108A/762             |
|                  | Grenadier Energy Partners, LLC  |  | Statoil USA Onshore Properties Inc.                                   |  | OG 138A/1               |
|                  | Drilling Appalachian Corporation  | _  | Statoil USA Onshore Properties Inc.                                   |  | OG 138A/54              |
|                  | Grenadier Energy Partners, LLC   Since Service Servic | ),<br>Office                               | Statoil USA Onshore Properties Inc.                                   |  | OG 153A/695             |
|                  | Drilling Appalachian Corporation  | RE OF                                      | Statoil USA Onshore Properties Inc.                                   |  | OG 153A/640             |
|                  | Grenadier Energy Partners, LLC  Drilling Appalachian Corporation  Statoil USA Onshore Properties Inc.  MV Departmental Protection  of   | RECEIVED Office of Oil and Gas AUG 28 2025 | EQT Production Company  |  | OG 175A/707             |
|                  | at of otection  | Gas<br>125                                 |   |  |                         |

| ease No.         | Grantor, Lessor, etc.                  |                                       |         | Acres                 |           | Grantee, Lessee, etc.               | Royalty                                | Book/Page   |
|------------------|--|---------------------------------------|---------|-----------------------|-----------|-------------------------------------|--|-------------|
|                  |  |                                       |         |                       |           |                                     | "at least 1/8th per WV                 |             |
|                  | Nancy Dawn Cosgray, et al.             |                                       |         |                       |           |                                     | Code 22-6-8"                           |             |
|                  |  |                                       |         |                       | 4 ac of   |                                     |  |             |
| <u>101595000</u> | Nancy Dawn Cosgray, a single woman     |                                       |         | 173                   | .77554 ac | Antero Resources Corporation        |  | OG 206A/905 |
|                  | Antero Resources Corporation           |                                       |         |                       |           | EQT Production Company              |  | OG 231A/59  |
|                  |  |                                       |         |                       |           |                                     | "at least 1/8th per WV                 |             |
|                  | Master Mineral Holdings I, LP, et al.  |                                       |         |                       |           |                                     | Code 22-6-8"                           |             |
|                  |  |                                       |         | 29                    | .23 ac of |                                     |  |             |
| 105334020        | Jack David Cosgray and Linda Cosgray   | , his wife                            |         | ;                     | 376.53    | Drilling Appalachian Corporation    |  | OG 106A/530 |
|                  | Drilling Appalachian Corporation       |                                       |         |                       |           | Grenadier Energy Partners, LLC      |  | OG 108A/762 |
|                  | Grenadier Energy Partners, LLC         |                                       |         |                       |           | Statoil USA Onshore Properties Inc. |  | OG 138A/1   |
|                  | Drilling Appalachian Corporation       |                                       |         |                       |           | Statoil USA Onshore Properties Inc. |  | OG 138A/54  |
|                  | Grenadier Energy Partners, LLC         |                                       |         |                       |           | Statoil USA Onshore Properties Inc. |  | OG 153A/695 |
|                  | Drilling Appalachian Corporation       |                                       |         |                       |           | Statoil USA Onshore Properties Inc. |  | OG 153A/640 |
|                  | Statoil USA Onshore Properties Inc.    |                                       |         |                       |           | EQT Production Company              |  | OG 175A/707 |
|                  |  |                                       |         |                       |           | • •                                 |  |             |
|                  |  |                                       |         |                       |           |                                     | "at least 1/8th per WV                 |             |
|                  | MCJV Holdings, LLC, et al.             |                                       |         |                       |           |                                     | Code 22-6-8"                           |             |
| <u>105375001</u> | Thomas J. Croasmun                     |                                       |         |                       | 50 ac     | EQT Production Company              |  | OG 247A/624 |
|                  |  |                                       |         |                       |           |                                     | "at least 1/8th per WV                 | ,           |
|                  | Elk Range Royalties II, LP, et al.     |                                       |         |                       |           |                                     | Code 22-6-8"                           |             |
|                  | Elizabeth Anderson, Elizabeth Roberts, | John Rob                              | erts an | d                     |           |                                     |  |             |
| <u>129334001</u> | Catherine Roberts                      |                                       |         |                       | 140 ac    | The Fisher Oil Company              |  | DB 44/565   |
|                  | The Fisher Oil Company                 |                                       |         |                       |           | Carnegie Natural Gas Company        |  | Unrecorded  |
|                  | Carnegie Natural Gas Company           |                                       |         |                       |           | Carnegie Production Company         |  | OG 78A/513  |
|                  | Carnegie Production Company            |                                       |         |                       |           | EQT Production Company              |  | WV SOS      |
|                  |  |                                       |         |                       |           |                                     | # .                                    |             |
|                  | Fill have Missered II 14 O at al       | <u> </u>                              |         | <u>a</u>              |           |                                     | "at least 1/8th per WV<br>Code 22-6-8" |             |
| <u>111264001</u> | Elkhorn Mineral II, LLC, et al.        | WV Department of nvironmental Protect | AUG     | Hice o                | 135 ac    | South Donn Oil Company              | OUG 22-0-0                             | DD 20/E49   |
|                  | George W. Sole and Rhoda Sole          | Dep                                   | G 2     | RECEIVED e of Oil and | 100 au    | South Penn Oil Company              |  | DB 39/548   |
|                  | South Penn Oil Company                 | )artr<br>ntal                         | œ       | ≅ VE                  |           | Hope Natural Gas Company            |  | OG 9A/230   |
|                  | Hope Natural Gas Company               | nen<br>Pro                            | 2025    | <u> </u>              |           | Consolidated Gas Supply Corporation |  | DB 233/387  |
|                  |  | ment of<br>Protection                 | 25      | Gas                   |           |                                     |  |             |
|                  |  | ğ                                     |         | <del>-</del> -        |           |                                     |  |             |

| ease No.         | Grantor, Lessor, etc.   | Acres      | Grantee, Lessee, etc.                     | Royalty | Book/Page   |
|------------------|---|------------|---|---------|-------------|
| ease No.         | Consolidation Gas Supply Corporation  | <u> </u>   | Consolidated Gas Transmission Corporation |         | OG 66A/69   |
|                  | Consolidated Gas Transmission Corporation   |            | CNG Development Company                   |         | OG 67A/453  |
|                  | CNG Development Company CNG Producing Company Dominion Exploration and Production, Inc. |            | CNG Producing Company                     |         | WV SOS      |
|                  |   |            | Dominion Exploration and Production,      | Inc.    | WV SOS      |
|                  |   |            | Antero Resources Appalachian Corporation  |         | OG 95A/937  |
|                  |   |            | Antero Resources Corporation              |         | MR 121/8    |
|                  | Antero Resources Appalachian Corporation  |            | Statoil USA Onshore Properties Inc.       |         | OG 175/531  |
|                  | Antero Resources Corporation  |            | Equinor USA Onshore Properties, Inc       |         | MR 129/313  |
|                  | Statoil USA Onshore Properties Inc.   |            | EQT Production Company                    |         | OG 240A/518 |
|                  | Equinor USA Onshore Properties, Inc.  |            |   |         |             |
|                  | RDFS, LLC, et al.   |            | "at least 1/8th<br>Code 22-6-8"           |         | WV          |
| <u>125665058</u> | Raiph Six and Betty Jo Six Raiph Six and Betty Jo Six                                   | 132.75 ac  | Drilling Appalachian Corporation          |         | OG 86/620   |
|                  |   |            | Drilling Appalachian Corporation          |         | OG 102A/736 |
|                  | Drilling Appalachian Corporation  |            | Grenadier Energy Partners, LLC            |         | OG 124A/9   |
|                  | Grenadier Energy Partners, LLC  |            | Statoil USA Onshore Properties Inc.       |         | OG 138A/1   |
|                  |   |            | Statoil USA Onshore Properties Inc.       |         | OG 138A/54  |
|                  | Drilling Appalachian Corporation  |            | Statoil USA Onshore Properties Inc.       |         | OG 153A/695 |
|                  | Grenadier Energy Partners, LLC  |            | Statoil USA Onshore Properties Inc.       |         | OG 153A/640 |
|                  | Drilling Appalachian Corporation  |            | EQT Production Company                    |         | OG 193A/657 |
|                  | Statoil USA Onshore Properties Inc.   |            | EQ1 1 roduction company                   |         |             |
|                  |   |            | "at least 1/8t<br>Code 22-6-8             |         | r WV        |
|                  | Kimberly A. Sizemore  | 2.46875 ac | EQT Production Company                    |         | OG 414A/843 |
| <u>285797000</u> | Kimberly A. Sizemore  | 2.70013 do | EQ: Floddollor Company                    |         |             |

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