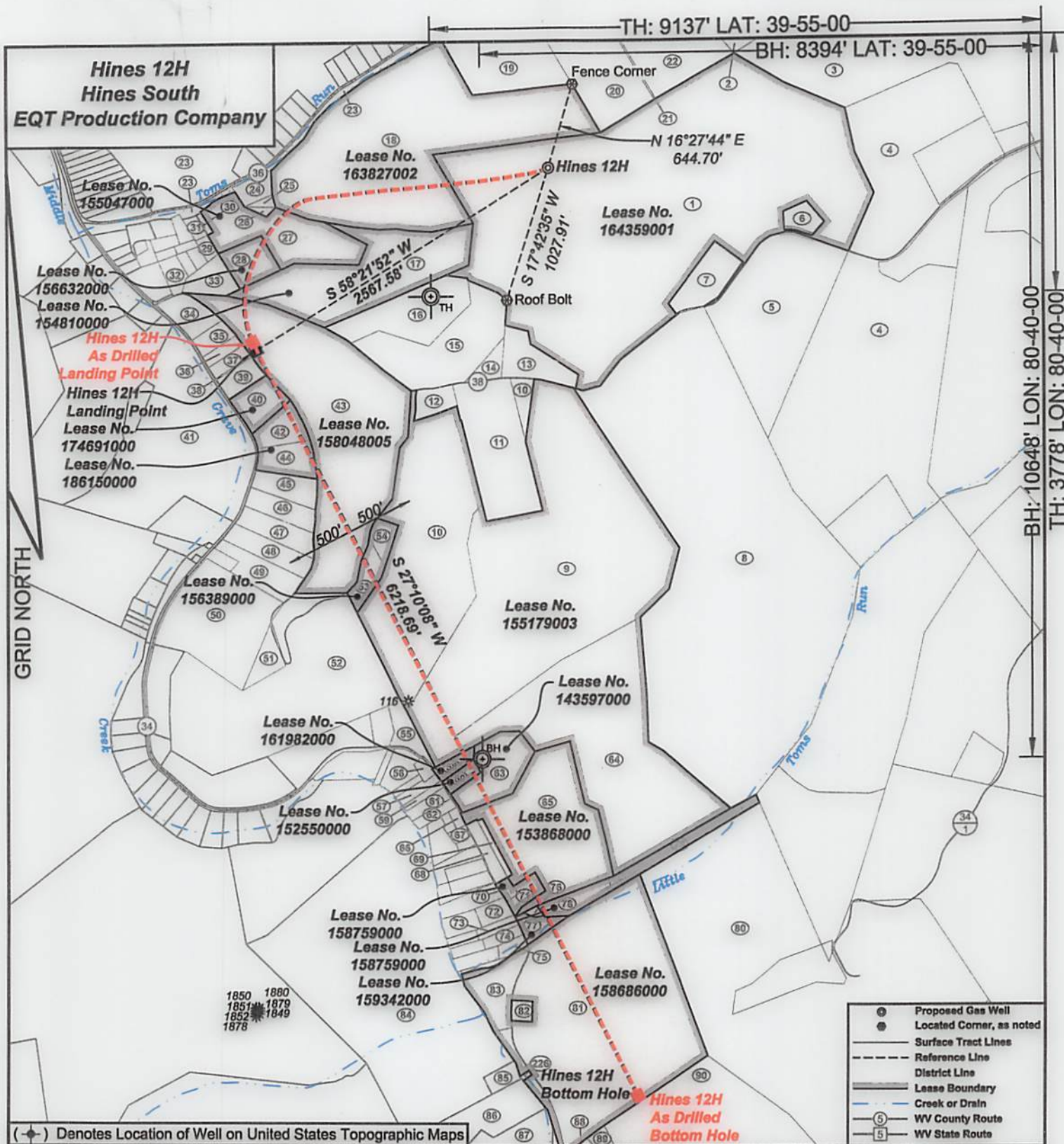
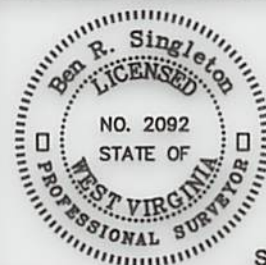


As-Drilled



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

*Ben R. Singleton*  
P.S. 2092



SEAL

FILE NO: 17-22  
DRAWING NO: Hines 12H  
SCALE: 1" = 1000'  
MINIMUM DEGREE OF ACCURACY: 1:2500  
PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: May 21 20 25  
OPERATOR'S WELL NO.: Hines 12H  
API WELL NO  
47 - 051 - 02084  
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL  
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW  
LOCATION: ELEVATION: 1125' WATERSHED Middle Grave Creek QUADRANGLE: Mountsville  
DISTRICT: Washington COUNTY: Marshall  
SURFACE OWNER: Shelby Hinterer ACREAGE: 94.658  
ROYALTY OWNER: Shelby Hinterer LEASE NO: 164359001 ACREAGE: 156.218  
PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION  
☐ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 6312'

WELL OPERATOR: EQT CHAP LLC DESIGNATED AGENT: Joseph C. Mallow  
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive  
Canonsburg, PA 15317 Clarksburg, WV 26301

As-Drilled

**Hines 12H**  
**Hines South**  
**EQT Production Company**

| Tract I.D. | Tax Map No. | Parcel No. | County   | District   | Surface Tract Owner                | Acres  |
|------------|-------------|------------|----------|------------|------------------------------------|--------|
| 1          | 12          | 30         | Marshall | Washington | Shelby Wood Hinterer               | 94.658 |
| 2          | 12          | 29         | Marshall | Washington | Kevin Porter                       | 25     |
| 3          | 11          | 1          | Marshall | Washington | Okey L. Rine, Jr.                  | 87.577 |
| 4          | 12          | 31         | Marshall | Washington | Patricia Sue Hoskins               | 68.342 |
| 5          | 12          | 30.7       | Marshall | Washington | Lisa K. Darrow                     | 20.276 |
| 6          | 12          | 30.3       | Marshall | Washington | Terry L. Darrow, et ux.            | 1.135  |
| 7          | 12          | 30.2       | Marshall | Washington | EQT Aurora LLC                     | 3.2    |
| 8          | 12          | 32         | Marshall | Washington | Douglas Edward Gouldsberry, et ux. | 95.45  |
| 9          | 12          | 33         | Marshall | Washington | Henry T. Parsons Est., et al.      | 63.197 |
| 10         | 12          | 45         | Marshall | Washington | Henry T. Parsons, et al.           | 26.505 |
| 11         | 12          | 33.2       | Marshall | Washington | Darlene L. Boston - Life           | 10.027 |
| 12         | 12          | 45.1       | Marshall | Washington | Morgan T. & Pamela M. Lacefield    | 1.309  |
| 13         | 12          | 30.4       | Marshall | Washington | EQT Aurora LLC                     | 3.159  |
| 14         | 12          | 30.6       | Marshall | Washington | EQT Aurora LLC                     | 1      |
| 15         | 12          | 30.1       | Marshall | Washington | Morgan Lacefield                   | 9.738  |
| 16         | 12          | 30.5       | Marshall | Washington | Morgan T. Lacefield                | 6.836  |
| 17         | 12          | 66         | Marshall | Washington | Arnie N. Goodnight, et ux.         | 15.07  |
| 18         | 12          | 25         | Marshall | Washington | Arnie N. Goodnight, et ux.         | 39     |
| 19         | 12          | 26         | Marshall | Washington | State of West Virginia             | 9.18   |
| 20         | 12          | 27         | Marshall | Washington | Edward David Knuth, et ux.         | 9.58   |
| 21         | 12          | 28.1       | Marshall | Washington | Edward David Knuth, et ux.         | 0.17   |
| 22         | 12          | 28         | Marshall | Washington | Tobias G. & Jessica D. Brown       | 9.58   |
| 23         | 12          | 24         | Marshall | Washington | Denise L. & Christopher Scamehorn  | 67.526 |
| 24         | 12          | 67.3       | Marshall | Washington | Brenda J. Goodnight                | 0.75   |
| 25         | 12          | 67.7       | Marshall | Washington | Brenda J. Goodnight                | 0.2562 |
| 26         | 12          | 67.8       | Marshall | Washington | Michael Marvin Goodnight           | 0.5    |
| 27         | 12          | 67         | Marshall | Washington | Julie Diane Reed                   | 10.925 |
| 28         | 12          | 67.5       | Marshall | Washington | Arlene J. Goodnight                | 2.344  |
| 29         | 12          | 67.2       | Marshall | Washington | Arnie N. & Bobbie B. Goodnight     | 0.397  |
| 30         | 12          | 67.6       | Marshall | Washington | Phyllis C. Hartley Est             | 0.6574 |
| 31         | 12          | 67.4       | Marshall | Washington | Arnie or Bobbie Goodnight          | 0.579  |
| 32         | 12          | 68         | Marshall | Washington | Maxian Family Revocable Trust      | 0.869  |
| 33         | 12          | 67.1       | Marshall | Washington | Arnie N. & Bobbie B. Goodnight     | 1.591  |
| 34         | 12          | 64.1       | Marshall | Washington | Gary James Mercer                  | 2      |
| 35         | 12          | 64.2       | Marshall | Washington | Karen M. Pelley                    | 1      |
| 36         | 12          | 64.3       | Marshall | Washington | Earnest R. & Nancy Sue Nice        | 0.547  |
| 37         | 12          | 64.4       | Marshall | Washington | Randall L. Enix, et ux.            | 0.746  |
| 38         | 12          | 64.5       | Marshall | Washington | Randall L. Enix, et ux.            | 0.745  |
| 39         | 12          | 64.6       | Marshall | Washington | Michael Lee Jenkins, et ux.        | 1.3056 |
| 40         | 12          | 64.8       | Marshall | Washington | John M. Schneider, et al.          | 2.334  |
| 41         | 3           | 51         | Marshall | Clay       | Donna M. Logsdon Family Trust      | 32.898 |
| 42         | 12          | 64.9       | Marshall | Washington | Billy J. & Misty L. Kennedy        | 1.9706 |
| 43         | 12          | 65         | Marshall | Washington | Sylvia Van Scyoc                   | 20     |
| 44         | 12          | 64.10      | Marshall | Washington | Billy J. & Misty L. Kennedy        | 2.1871 |
| 45         | 12          | 64.13      | Marshall | Washington | Victor A. Caldwell                 | 1.977  |
| 46         | 12          | 64.11      | Marshall | Washington | Victor A. Caldwell                 | 1.933  |
| 47         | 12          | 64         | Marshall | Washington | Kenneth Gray, et ux.               | 2.23   |
| 48         | 12          | 64.14      | Marshall | Washington | Kenneth Gray, Jr.                  | 2.367  |
| 49         | 12          | 64.12      | Marshall | Washington | Victoria L. & Kenneth Gray         | 2.781  |
| 50         | 12          | 63         | Marshall | Washington | Mark G. Stout, et ux.              | 12.323 |
| 51         | 12          | 63.7       | Marshall | Washington | Keith E. Vanscyoc                  | 1.484  |
| 52         | 12          | 48         | Marshall | Washington | Keith E. Vanscyoc                  | 41.531 |
| 53         | 12          | 47         | Marshall | Washington | Sylvia Van Scyoc                   | 1.61   |
| 54         | 12          | 46         | Marshall | Washington | Sylvia Van Scyoc                   | 1.226  |
| 55         | 12          | 44         | Marshall | Washington | Nila L. Willis                     | 1.945  |
| 56         | 12          | 41.1       | Marshall | Washington | James G. & Barbara Updegraff       | 0.309  |
| 57         | 12          | 41.2       | Marshall | Washington | Frederick S. Wilkerson             | 0.571  |
| 58         | 12          | 37.1       | Marshall | Washington | Rhdney L. Ott, et ux.              | 0.743  |
| 59         | 12          | 40.1       | Marshall | Washington | Fred W. & Fred S. Wilkerson        | 0.403  |
| 60         | 12          | 37.2       | Marshall | Washington | Rhdney L. Ott, et ux.              | 0.66   |
| 61         | 12          | 40         | Marshall | Washington | Sharon Heath & Fred W. Wilkerson   | 0.713  |
| 62         | 12          | 40.2       | Marshall | Washington | Sharon Heath & Fred W. Wilkerson   | 0.597  |
| 63         | 12          | 37         | Marshall | Washington | Kevin W. & Rebecca Rogers          | 3.617  |
| 64         | 12          | 34         | Marshall | Washington | Henry T. Parsons Est., et al.      | 31.84  |
| 65         | 12          | 35         | Marshall | Washington | Carol S. Croft-ONEIL               | 16.307 |
| 66         | 12          | 38         | Marshall | Washington | Grave Creek Church of God Trs      | 0.3    |
| 67         | 13          | 35         | Marshall | Washington | Grave Creek Church of God Trs      | 0.33   |
| 68         | 12          | 35.2       | Marshall | Washington | Carol S. & Warren W. Oneil         | 1.088  |
| 69         | 12          | 35.5       | Marshall | Washington | Carol S. & Warren W. Oneil         | 0.433  |
| 70         | 12          | 35.1       | Marshall | Washington | Richard C. & Carla V. Yoho         | 0.353  |
| 71         | 12          | 35.3       | Marshall | Washington | Richard C. & Carla V. Yoho         | 0.952  |
| 72         | 13          | 43         | Marshall | Washington | Michael E. & Donna D. Richards     | 0.801  |
| 73         | 13          | 34         | Marshall | Washington | Michael S. Gamensky, et ux.        | 0.481  |
| 74         | 13          | 33         | Marshall | Washington | Larry D. Lilley, et ux.            | 0.582  |
| 75         | 13          | 32         | Marshall | Washington | Shawn M. & Charity J. Carroll      | 0.469  |
| 76         | 13          | 41.2       | Marshall | Washington | Richard L. & Darlene K. Martin     | 0.161  |
| 77         | 13          | 41.1       | Marshall | Washington | Richard L. & Darlene K. Martin     | 0.955  |
| 78         | 13          | 42         | Marshall | Washington | Richard C. & Carla V. Yoho         | 1.486  |
| 79         | 13          | 41         | Marshall | Washington | Richard C. & Carla V. Yoho         | 5.299  |
| 80         | 13          | 2          | Marshall | Washington | Todd & Dawn R. Kettler             | 84.805 |
| 81         | 13          | 26         | Marshall | Washington | Jennifer Kelch                     | 44.189 |
| 82         | 13          | 26.1       | Marshall | Washington | Jennifer Kelch                     | 0.273  |
| 83         | 13          | 26.3       | Marshall | Washington | Marisa Rae Lucas                   | 3.462  |
| 84         | 4           | 63         | Marshall | Clay       | Harley & Lee Ann South             | 53.564 |
| 85         | 4           | 63.2       | Marshall | Clay       | Harley & Lee Ann South             | 0.776  |
| 86         | 4           | 63.1       | Marshall | Clay       | Jacqueline Lynn Young              | 6.61   |
| 87         | 4           | 68         | Marshall | Clay       | Wayne Eugene Young                 | 26.16  |
| 88         | 13          | 47         | Marshall | Washington | Stephen P. Rich                    | 0.291  |
| 89         | 13          | 24         | Marshall | Washington | Stephen P. Rich                    | 0.75   |
| 90         | 13          | 22         | Marshall | Washington | Evelyn Ruth Johnson                | 23.82  |
| 226        | 13          | 26.4       | Marshall | Washington | Harley & Lee Ann South             | 0.07   |

**Well References**



**As Drilled Well Information:**

Hines 12H coordinates are  
NAD 27 N: 514,429.25 E: 1,663,521.92  
NAD 83 UTM N: 4,417,400.51 E: 525,708.26  
Hines 12H Landing Point coordinates are  
NAD 27 N: 513,143.87 E: 1,661,313.88  
NAD 83 UTM N: 4,416,997.66 E: 525,042.09  
Hines 12H Bottom Hole coordinates are  
NAD 27 N: 507,550.25 E: 1,664,177.80  
NAD 83 UTM N: 4,415,308.15 E: 525,943.08  
West Virginia Coordinate system of 1927 (North Zone)  
based upon Differential GPS Measurements.  
Plat orientation, corner and well ties are based upon  
the grid north meridian.  
Well location references are based upon the grid north  
meridian.  
UTM coordinates are NAD83, Zone 17, Meters.

**Hines South**

|          |   |            |
|----------|---|------------|
| Hines 1H | ⊙ | ⊙Hines 14H |
| Hines 2H | ⊙ | ⊙Hines 13H |
| Hines 3H | ⊙ | ⊙Hines 12H |
| Hines 4H | ⊙ | Hines 11H  |
|          |   | ⊙          |
|          |   | ⊙Hines 18H |
| Hines 5H | ⊙ | Hines 10H  |
|          |   | ⊙          |
|          |   | ⊙Hines 19H |
| Hines 6H | ⊙ | Hines 9H   |
|          |   | ⊙          |
|          |   | ⊙Hines 20H |
| Hines 7H | ⊙ | Hines 8H   |
|          |   | ⊙          |
|          |   | ⊙Hines 21H |

| Lease No. | Owner                                      | Acres   |
|-----------|--------------------------------------------|---------|
| 164359001 | Shelby Hinterer                            | 156.218 |
| 163827002 | Gary D. Morrison, et al.                   | 39      |
| 155047000 | Arlene J. Goodnight                        | 11.430  |
| 156632000 | Arlene J. Goodnight                        | 2.34    |
| 154810000 | Arnie N. Goodnight and Bobbie B. Goodnight | 15.070  |
| 158048005 | Carolyn Gaughan, et al.                    | 20      |
| 174691000 | John M. Schneider and Faline J. Ramsey     | 2.334   |
| 186150000 | Billy Joe Kennedy and Misty L. Kennedy     | 4.1577  |
| 156389000 | Sylvia I. VanScyoc                         | 2.836   |
| 155179003 | Douglas L. Parsons, et al.                 | 121.542 |
| 161982000 | Rhdney L. Ott and Mary Ann Ott             | 0.74    |
| 152550000 | Rhdney L. Ott and Mary Ann Ott             | 0.660   |
| 143597000 | Kevin W. Rogers, Jr. and Rebecca Rogers    | 4.277   |
| 153868000 | Carol Sue Croft-ONEIL, et al.              | 16.307  |
| 158759000 | Stone Hill Minerals Holdings, LLC          | 8.085   |
| 159342000 | Richard L. Martin and Darlene K. Martin    | 0.95    |
| 158686000 | Jennifer Kelch                             | 47.721  |

