

7,868' to Top Hole

HG Energy II Appalachia, LLC
Well No. Neel 1207 N-4H
As-Drilled



Page 1 of 2

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 rules issued and prescribed by the Department of Environmental Protection.

Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070

Notes: Well No. 1207 N-4H West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Top Hole coordinates Latitude: 39°08'07.94" Longitude: 80°24'09.92" Bottom Hole coordinates Latitude: 39°11'25.75" Longitude: 80°25'09.11" UTM Zone 17, NAD 1983 Top Hole Coordinates N: 4,333,847.253m E: 551,621.870m Bottom Hole Coordinates N: 4,338,086.295m E: 550,173.738m Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

717' to Bottom Hole

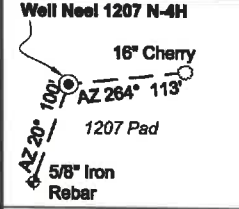
BTM LATITUDE 39 - 12 - 30
TOP LATITUDE 39 - 10 - 00



TOP LONGITUDE 80 - 22 - 30
BTM LONGITUDE 80 - 25 - 00
6,498' to Bottom Hole
5,268' to Top Hole

Notes:
Well No. 1207 N-4H UTM NAD 1983 (USSF)
Top Hole Coordinates N: 14,218,630.53" E: 1,809,779.42"
Landing Point Coordinates N: 14,218,699.64" E: 1,809,918.21"
Bottom Hole Coordinates N: 14,232,538.12" E: 1,805,028.34"

Well Location References Not to Scale



- Legend: Proposed gas well, Well Reference, Monument, Existing Well, Existing Plugged Well, Digitized Well, Creek or Drain, Existing Road, Surface boundary, Interior surface tracts.

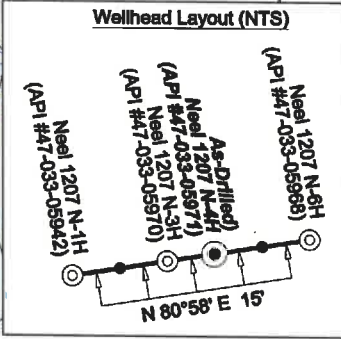
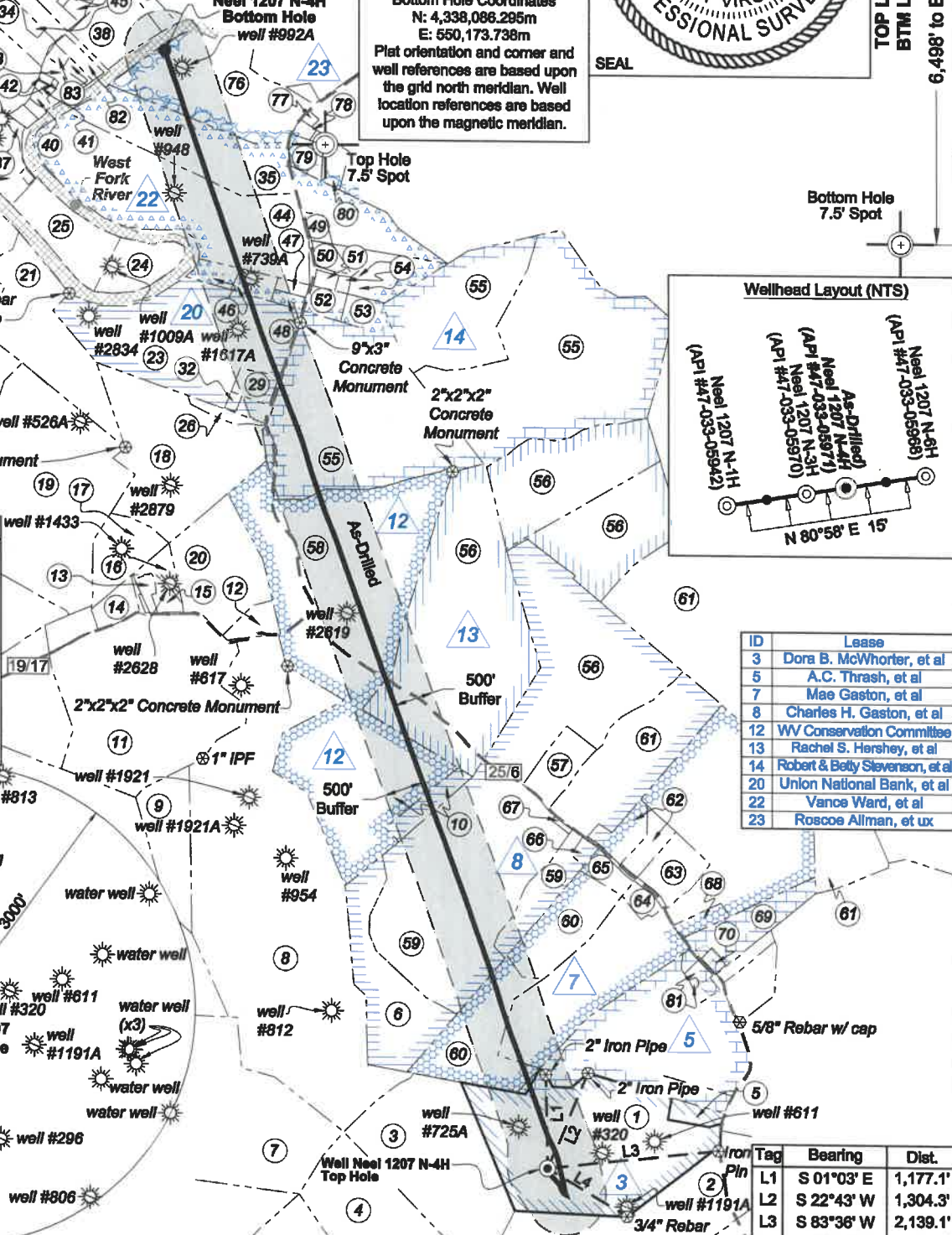
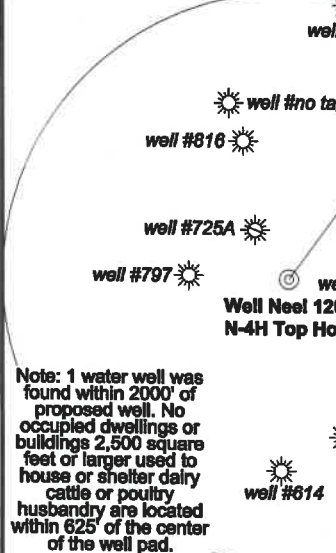


Table with 2 columns: ID, Lease. Lists lease information for various well locations.

Table with 3 columns: Tag, Bearing, Dist. Lists well location data for L1, L2, L3, L4.

FILE NO: 296-36-G-18
DRAWING NO: Neel 1207 N-4H ASWP
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

DATE: April 14 20 21
OPERATOR'S WELL NO. Neel 1207 N-4H
API WELL NO
47 - 033 05971
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek QUADRANGLE: West Milford
DISTRICT: Grant / Union COUNTY: Harrison
SURFACE OWNER: HG Energy II Appalachia, LLC ACREAGE: 89.67
ROYALTY OWNER: Dora B. McWhorter, et al LEASE NO: ACREAGE: 103.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,223' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,023' MD

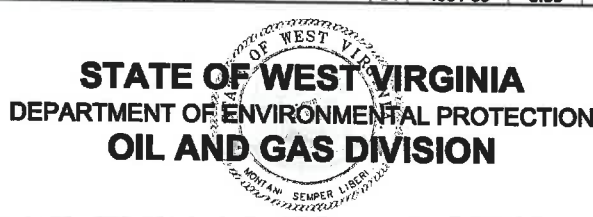
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



| No. | TM / Par | Ac. | Owner | Bk / Pg |
|-----|-------------|---------|----------------------------------|--------------|
| 1 | 445 / 5 | 89.07 | HG Energy II Appalachia, LLC | — / — |
| 2 | 445 / 13 | 132.852 | Mickey Pettito | WB175 / 1153 |
| 3 | 445 / 3 | 64.00 | | |
| 4 | 445 / 12 | 64.50 | Lisa M. Nutter | WB687 / 445 |
| 5 | 445 / 5.1 | 3.38 | David W. Lohr | 1531 / 421 |
| 6 | 425 / 26 | 32.30 | WV State Conservation Commission | WB33 / 148 |
| 7 | 445 / 2 | 84.57 | Lisa M. Nutter | WB687 / 445 |
| 8 | 445 / 25 | 194.90 | | |
| 9 | 445 / 24 | 19.60 | Linda J. Maxwell Revocable Trust | 1302 / 793 |
| 10 | 425 / 5 | 173.80 | | |
| | 425 / 7 | 5.50 | WV State Conservation Commission | WB33 / 148 |
| 11 | 445 / 25.2 | 83.199 | Laurinda R. Beckstead | 1420 / 941 |
| 12 | 425 / 4 | 4.35 | Robert W. & Jennifer L. Delaney | 1501 / 21 |
| 13 | 425 / 4.4 | 1.99 | | |
| 14 | 425 / 25.1 | 5.45 | | |
| 15 | 425 / 4.2 | 3.14 | Paul R. & Linda R. Beatty | |
| 16 | 425 / 4.1 | 2.02 | | 1286 / 489 |
| 17 | 425 / 3 | 14.00 | | |
| 18 | 405 / 76 | 57.68 | WV State Conservation Commission | WB33 / 148 |
| 19 | 405 / 75 | 202.18 | William Michael McDonald | 1377 / 99 |
| 20 | 425 / 4.3 | 30.50 | Lauminda Raye Beckstead | 1177 / 651 |
| 21 | 405 / 67 | 38.10 | Terence L. Washburn, et al | 1436 / 989 |
| 22 | 405 / 59 | 43.40 | Terence L. Washburn | 1294 / 433 |
| 23 | 405 / 69 | 62.35 | James D. McWhorter | — / — |
| 24 | 405 / 61 | 12.00 | | |
| 25 | 405 / 60 | 18.12 | Samuel S. Stark | 1327 / 1048 |
| 26 | 406 / 68 | 2.47 | James D. McWhorter | 1505 / 1158 |
| 27 | 385 / 81 | 85.50 | Buffalo Lake Development, LLC | 1526 / 585 |
| 28 | 405 / 4 | 20.17 | Betty Jo & Kyle Fridley | 1233 / 244 |
| 29 | 405 / 69.3 | 4.0 | Jeremy T. & Erin N. Bowers | 1497 / 897 |
| 30 | 405 / 1.4 | 25.07 | | |
| 31 | 405 / 1.3 | 10.48 | Joseph Workman | 1377 / 1131 |
| 32 | 405 / 69.1 | 0.72 | Robert K. Cottril | 1178 / 739 |
| 33 | 405 / 6 | 21.93 | Roberta K. Cottril | 1373 / 505 |
| 34 | 405 / 4 | 20.17 | James Ivan McDonald | 1347 / 1133 |
| 35 | 405 / 62 | 58.24 | Betty Jo & Kyle Fridley | 1233 / 244 |
| 36 | 405 / 5 | 6.05 | Evelyn M. Ward LE | — / — |
| 37 | 405 / 1 | 0.94 | James Ivan McDonald | 1229 / 370 |
| 38 | 405 / 8 | 10.19 | Brandon T. Leary | 1498 / 748 |
| 39 | 405 / 6.1 | 1.06 | Larry W. & Dorothy L. Detamore | 1196 / 714 |
| 40 | 405 / 6.2 | 0.52 | George F. & Helen M. Peterson | 1379 / 1146 |
| 41 | 405 / 26.1 | 0.88 | William & Cynthia Marsh | 1410 / 1080 |
| 42 | 405 / 26.2 | 0.74 | Eugene D. Wilson | 1139 / 446 |
| 43 | 405 / 26.4 | 0.405 | | 957 / 247 |
| 44 | 405 / 26.6 | 0.140 | John & Linda Cathell | 980 / 697 |
| 45 | 405 / 26 | 3.759 | | 1101 / 779 |
| 46 | 405 / 62.1 | 74.30 | Margaret L. Phillips | 1177 / 635 |
| 47 | 405 / 4.1 | 0.94 | John & Mary Stenger | 1402 / 334 |
| 48 | 405 / 70 | 3.452 | James Ivan McDonald | 1229 / 370 |
| 49 | 405 / 70.1 | 3.452 | | |
| 50 | 405 / 71 | 2.97 | Michael A. & Carleen | 1527 / 649 |
| 51 | 405 / 71.1 | 1.485 | Eugene & Violet A. Debarr | 1109 / 97 |
| 52 | 405 / 62.10 | 2.06 | Kathy D. Bennett | 1109 / 97 |
| 53 | 405 / 62.6 | 2.63 | Danny J. & Deborah J. Miller | 1505 / 6 |
| 54 | | | Michael T. Jr & Ramona J. Morris | 1527 / 376 |

| No. | TM / Par | Ac. | Owner | Bk / Pg |
|-----|-------------|--------|---|--------------|
| 51 | 405 / 62.3 | 1.26 | Wayne & Naomi McHenry | 1537 / 486 |
| 52 | 405 / 72 | 4.32 | Sandra W. & Willard Miller | 1031 / 554 |
| 53 | 405 / 72.1 | 4.32 | Melisea Barker | 1403 / 68 |
| | 405 / 62.4 | 0.99 | | 1336 / 990 |
| 54 | 405 / 62.7 | 0.48 | Tricia A. & Jeremy L. Dobbins | 1452 / 340 |
| | 405 / 62.9 | 0.74 | | 1476 / 953 |
| | 405 / 73 | 45.00 | | WB177 / 1179 |
| 55 | 405 / 74 | 107.76 | Marry Lou Smith | WB177 / 1179 |
| | 405 / 80 | 90.97 | | WB177 / 1179 |
| | 405 / 81 | 42.00 | | |
| 56 | 425 / 8 | 105.55 | WV Dept. of Natural Resources | WB65 / 624 |
| | 425 / 14 | 73.60 | | |
| | 425 / 15 | 40.85 | | |
| 57 | 425 / 13 | 9.00 | Penny L. Hill | 1481 / 53 |
| 58 | 425 / 5 | 61.50 | WV State Conservation Comm. | WB33 / 148 |
| | 425 / 8 | 151.09 | | |
| 59 | 425 / 8.1 | 13.481 | James L. Sellers Family Revocable Trust | 1480 / 728 |
| | 425 / 27 | 26.40 | | |
| 60 | 425 / 28 | 19.92 | Marva Shepard | WB166 / 413 |
| | 425 / 12 | 42.30 | | |
| 61 | 425 / 16 | 122.25 | Antonio P. LLC | 1503 / 291 |
| | 425 / 17 | 48.00 | | |
| | 425 / 11 | 8.29 | | |
| 62 | 425 / 11.1 | 5.12 | Linda Snyder | 1124 / 768 |
| 63 | 425 / 10 | 9.60 | Joy L. Jarrett | 1272 / 348 |
| 64 | 425 / 10.1 | 3.10 | Robert R. & Debbie A Partain | 1308 / 553 |
| 65 | 425 / 9 | 3.88 | Leslie S. Rigglerman | WB127 / 680 |
| 66 | 425 / 8.3 | 1.408 | Melante S. & Jay A. Morris | 1386 / 680 |
| 67 | 425 / 8.2 | 0.39 | Linda & Mark Wilfong | 1436 / 93 |
| 68 | 425 / 20 | 3.00 | Jeffery L. & Parry S. Harvey | 1394 / 607 |
| 69 | 425 / 21 | 15.26 | Juddith H. Russell | 1212 / 1074 |
| 70 | 425 / 22 | 1.00 | Duck Creek Mission Church Trust | 1024 / 964 |
| 71 | 425 / 9.1 | 4.22 | Sharon Campbell | 1374 / 1083 |
| 72 | 425 / 9.2 | 4.68 | Michael & Cecilia Daughtery | 1543 / 1305 |
| 73 | 385 / 82.1 | 10.05 | Lloyd W. Brake Jr. Trust | 1427 / 141 |
| 74 | 405 / 6 | 21.93 | James Ivan McDonald | 1347 / 113 |
| 75 | 405 / 83 | 1.01 | Pamela M. Puddister | 1277 / 276 |
| 76 | 405 / 63.2 | 42.47 | Larry D. Meyers Revocable Trust | W191/1279 |
| 77 | 405 / 63.6 | 42.47 | John P. & Virginia R. Markley | 1353 / 1084 |
| 78 | 405 / 63.7 | 1.00 | Robert J. Jr. & Joyce B. Markley | 1560 / 310 |
| 79 | 405 / 63.5 | 4.00 | Charles F. & Dawn L. Grow | 1495 / 523 |
| 80 | 405 / 63.10 | 4.00 | Kimberly K. & John T. Lough | 1518 / 822 |
| 81 | 425 / 23.3 | 0.54 | | |
| | 425 / 28.1 | 0.27 | Rhonda R. & George P. Koutsobaris | 1420 / 93 |
| 82 | 405 / 28 | 2.60 | David Allen Bunch | W173 / 1273 |
| | 405 / 27 | 1.04 | | |
| 83 | 405 / 28.8 | 1.04 | Betty Fridley | W160/266 |
| 84 | 405 / 89 | 3.50 | Megan & Chad Fincham | 1524 / 645 |

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