

**ARIZONA OIL AND GAS CONSERVATION COMMISSION**  
Oil, Gas, Helium Production Report

Dec 2016

|  | MONTHLY PRODUCTION |            |               | GAS<br>MCF-DISP       | YEAR TO DATE |               |            | ALL TIME CUMULATIVE |               |            |
|--|--------------------|------------|---------------|-----------------------|--------------|---------------|------------|---------------------|---------------|------------|
|  | DAYS               | OIL<br>BBL | WATER<br>BBLs |                       | OIL<br>BBL   | WATER<br>BBLs | GAS<br>MCF | OIL<br>BBL          | WATER<br>BBLs | GAS<br>MCF |
| <b>DINEH-BI-KEYAH (HERMOSA)</b>          |                    |            |               |                       |              |               |            |                     |               |            |
| Nacogdoches Oil and Gas                  |                    |            |               |                       |              |               |            |                     |               |            |
| 01 Navajo (377)<br>API# 02-001-20001     | 31                 | 62         | 38            | 0 S<br>0 U<br>0 V     | 175          | 114           | 0          | 1,160,930           | 35,509        | 137,857    |
| 01 Navajo-138 (388)<br>API# 02-001-20012 | 0                  | 0          | 0             | 0 S<br>0 U<br>0 V     | 145          | 1,686         | 0          | 1,165,654           | 66,798        | 653,170    |
| 01 Navajo-88 (421)<br>API# 02-001-20045  | 0                  | 0          | 0             | 0 S<br>0 U<br>0 V     | 0            | 0             | 0          | 13,570              | 1,093         | 7,022      |
| 01 Navajo-C (484)<br>API# 02-001-20092   | 31                 | 20         | 0             | 0 S<br>0 U<br>0 V     | 325          | 0             | 0          | 9,205               | 2,092         | 2,501      |
| 01X Navajo-B (445)<br>API# 02-001-20068  | 0                  | 0          | 0             | 0 S<br>0 U<br>0 V     | 137          | 547           | 0          | 1,920,617           | 54,091        | 224,817    |
| 02 Navajo-88 (431)<br>API# 02-001-20055  | 30                 | 0          | 0             | 2,465 S<br>0 U<br>0 V | 0            | 644           | 12,214     | 883,232             | 348,328       | 155,335    |
| 02 Navajo-B (385)<br>API# 02-001-20010   | 31                 | 0          | 0             | 1,164 S<br>0 U<br>0 V | 0            | 0             | 23,158     | 0                   | 0             | 1,986,585  |
| 03 Navajo-138 (723)<br>API# 02-001-20253 | 0                  | 0          | 0             | 0 S<br>0 U<br>0 V     | 183          | 0             | 0          | 109,827             | 5,152         | 101,371    |
| 03 Navajo-88 (443)<br>API# 02-001-20066  | 0                  | 0          | 0             | 0 S<br>0 U<br>0 V     | 0            | 0             | 0          | 179,463             | 62,432        | 182,629    |
| 03X Navajo (386)<br>API# 02-001-20011    | 0                  | 0          | 0             | 0 S<br>0 U<br>0 V     | 387          | 5,154         | 0          | 1,931,014           | 306,051       | 639,551    |
| 04 Navajo (384)<br>API# 02-001-20009     | 31                 | 0          | 0             | 1,081 S<br>0 U<br>0 V | 0            | 0             | 18,230     | 3,625,859           | 3,157,643     | 132,031    |
| 06 Navajo (390)<br>API# 02-001-20014     | 0                  | 0          | 0             | 0 S<br>0 U<br>0 V     | 0            | 0             | 0          | 304,683             | 13,172        | 87,339     |

LEGEND ON LAST PAGE

**ARIZONA OIL AND GAS CONSERVATION COMMISSION**  
Oil, Gas, Helium Production Report

Dec 2016

|   | MONTHLY PRODUCTION |         |            | YEAR TO DATE      |         |            | ALL TIME CUMULATIVE |           |            |         |
|---|--------------------|---------|------------|-------------------|---------|------------|---------------------|-----------|------------|---------|
|   | DAYS               | OIL BBL | WATER BBLs | GAS MCF-DISP      | OIL BBL | WATER BBLs | GAS MCF             | OIL BBL   | WATER BBLs | GAS MCF |
| 06 Navajo-88 (722)<br>API# 02-001-20252 | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 55,787    | 3,080      | 261,139 |
| 09 Navajo (396)<br>API# 02-001-20020    | 31                 | 205     | 1,701      | 0 S<br>0 U<br>0 V | 3,185   | 28,546     | 0                   | 1,668,941 | 613,190    | 259,211 |
| 11 Navajo (506)<br>API# 02-001-20106    | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 1,047,856 | 126,878    | 649,474 |
| 14 Navajo (416)<br>API# 02-001-20040    | 31                 | 41      | 189        | 0 S<br>0 U<br>0 V | 294     | 1,481      | 0                   | 322,924   | 25,165     | 148,816 |
| 15 Navajo (417)<br>API# 02-001-20041    | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 116,929   | 21,459     | 37,903  |
| 16 Navajo (419)<br>API# 02-001-20043    | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 104,844   | 50,974     | 16,680  |
| 17 Navajo (618)<br>API# 02-001-20190    | 15                 | 109     | 0          | 0 S<br>0 U<br>0 V | 1,765   | 143        | 0                   | 76,137    | 9,228      | 41,682  |
| 19 Navajo (691)<br>API# 02-001-20240    | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 440     | 144        | 0                   | 357,115   | 11,857     | 239,279 |
| 20 Navajo (696)<br>API# 02-001-20245    | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 2       | 1          | 0                   | 205,287   | 21,546     | 84,544  |
| 21 Navajo (693)<br>API# 02-001-20242    | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 102,073   | 41,886     | 29,906  |
| 22 Navajo (692)<br>API# 02-001-20241    | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 70,224    | 5,266      | 38,065  |
| 24 Navajo (695)<br>API# 02-001-20244    | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 307,872   | 1,223,095  | 55,778  |
| 25 Navajo (719)<br>API# 02-001-20249    | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 89,428    | 4,136      | 65,731  |

LEGEND ON LAST PAGE

**ARIZONA OIL AND GAS CONSERVATION COMMISSION**  
Oil, Gas, Helium Production Report

Dec 2016

|  | MONTHLY PRODUCTION |         |            | YEAR TO DATE      |         |            | ALL TIME CUMULATIVE |                                       |                                     |                                     |
|--|--------------------|---------|------------|-------------------|---------|------------|---------------------|---------------------------------------|-------------------------------------|-------------------------------------|
|  | DAYS               | OIL BBL | WATER BBLs | GAS MCF-DISP      | OIL BBL | WATER BBLs | GAS MCF             | OIL BBL                               | WATER BBLs                          | GAS MCF                             |
| 26 Navajo (720)<br>API# 02-001-20250   | 31                 | 61      | 76         | 0 S<br>0 U<br>0 V | 359     | 482        | 0                   | 91,866                                | 43,179                              | 10,751                              |
| 27 Navajo (721)<br>API# 02-001-20251   | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 28      | 84         | 0                   | 111,801                               | 1,755                               | 54,683                              |
| OPERATOR FIELD TOTAL<br>ABANDONED PRODUCER<br>TOTAL DINEH-BI-KEYAH (HERMOSA)         |                    | 498     | 2,004      | 4,710             | 7,425   | 39,026     | 53,602              | 16,033,138<br>2,790,828<br>18,823,966 | 6,255,055<br>1,099,724<br>7,354,779 | 6,303,850<br>425,474<br>6,729,324   |
| <b>DRY MESA (MISSISSIPPIAN/PARADOX)</b>  |                    |         |            |                   |         |            |                     |                                       |                                     |                                     |
| Navajo Nation Oil&Gas Co.  |                    |         |            |                   |         |            |                     |                                       |                                     |                                     |
| 03 Navajo-138 (115)<br>API# 02-001-05305   | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 471,577                               | 633,841                             | 1,021,703                           |
| 10 Navajo-138 (907)<br>API# 02-001-20318   | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 3,925                                 | 21,599                              | 96,262                              |
| OPERATOR FIELD TOTAL<br>ABANDONED PRODUCER<br>TOTAL DRY MESA (MISSISSIPPIAN/PARADOX) |                    | 0       | 0          | 0                 | 0       | 0          | 0                   | 475,502<br>377,167<br>852,669         | 655,440<br>2,238,572<br>2,894,012   | 1,117,965<br>1,400,847<br>2,518,812 |
| <b>BLACK ROCK (ISMAY/AKAH)</b>   |                    |         |            |                   |         |            |                     |                                       |                                     |                                     |
| Navajo Nation Oil&Gas Co.  |                    |         |            |                   |         |            |                     |                                       |                                     |                                     |
| 03 Black Rock (581)<br>API# 02-001-20162   | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 4,358                                 | 5,905                               | 2,150,436                           |
| 12 Black Rock (875)<br>API# 02-001-20294   | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 12,928                                | 58,139                              | 1,252,877                           |
| 20 Black Rock (882)<br>API# 02-001-20297   | 0                  | 0       | 0          | 0 S<br>0 U<br>0 V | 0       | 0          | 0                   | 27,396                                | 171,655                             | 1,249,553                           |
| OPERATOR FIELD TOTAL<br>ABANDONED PRODUCER<br>TOTAL BLACK ROCK (ISMAY/AKAH)          |                    | 0       | 0          | 0                 | 0       | 0          | 0                   | 44,682<br>26,183<br>70,865            | 235,699<br>290,528<br>526,227       | 4,652,866<br>4,875,107<br>9,527,973 |

LEGEND ON LAST PAGE

**ARIZONA OIL AND GAS CONSERVATION COMMISSION**  
Oil, Gas, Helium Production Report

Dec 2016

|                                   | MONTHLY PRODUCTION |            |               | YEAR TO DATE    |              |               | ALL TIME CUMULATIVE |                   |                   |                   |
|-----------------------------------|--------------------|------------|---------------|-----------------|--------------|---------------|---------------------|-------------------|-------------------|-------------------|
|                                   | DAYS               | OIL<br>BBL | WATER<br>BBLs | GAS<br>MCF-DISP | OIL<br>BBL   | WATER<br>BBLs | GAS<br>MCF          | OIL<br>BBL        | WATER<br>BBLs     | GAS<br>MCF        |
| ABANDONED FIELDS AND UNDESIGNATED |                    |            |               |                 |              |               |                     | 1,497,143         | 5,734,304         | 14,789,650        |
| <b>GRAND TOTALS</b>               |                    | <b>498</b> | <b>2,004</b>  | <b>4,710</b>    | <b>7,425</b> | <b>39,026</b> | <b>53,602</b>       | <b>21,245,439</b> | <b>16,513,215</b> | <b>33,570,072</b> |

Gas Disposition Symbols in this Report:

- V - Flared/Vented      S - Sold
  - U - Used on Lease      L - Lost (Mcf estimated)
- All production done in Apache County.

State Permit Numbers are shown in parentheses

\* - Amended Report

