

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

JAN 2015

| | 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 |
| DINEH-BI-KEYAH (HERMOSA) | | | | | | | | | | |
| Nacogdoches Oil and Gas | | | | | | | | | | |
| 01 Navajo (377) API# 02-001-20001 | 28 | 70 | 47 | 0 S 0 U 0 V | 70 | 47 | 0 | 1,160,072 | 34,933 | 137,857 |
| 01 Navajo-138 (388) API# 02-001-20012 | 28 | 235 | 282 | 0 S 0 U 0 V | 235 | 282 | 0 | 1,165,758 | 65,558 | 653,170 |
| 01 Navajo-88 (421) API# 02-001-20045 | 24 | 101 | 0 | 0 S 0 U 0 V | 101 | 0 | 0 | 13,671 | 1,093 | 7,022 |
| 01 Navajo-C (484) API# 02-001-20092 | 30 | 25 | 0 | 0 S 0 U 0 V | 25 | 0 | 0 | 8,836 | 2,092 | 2,501 |
| 01X Navajo-B (445) API# 02-001-20068 | 6 | 30 | 40 | 0 S 0 U 0 V | 30 | 40 | 0 | 1,920,523 | 53,634 | 224,817 |
| 02 Navajo-88 (431) API# 02-001-20055 | 31 | 0 | 0 | 260 S 0 U 0 V | 0 | 0 | 260 | 883,232 | 347,684 | 144,011 |
| 02 Navajo-B (385) API# 02-001-20010 | 31 | 0 | 0 | 1,074 S 0 U 0 V | 0 | 0 | 1,074 | 0 | 0 | 1,966,161 |
| 03 Navajo-138 (723) API# 02-001-20253 | 28 | 116 | 0 | 0 S 0 U 0 V | 116 | 0 | 0 | 109,760 | 5,152 | 101,371 |
| 03 Navajo-88 (443) API# 02-001-20066 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 179,463 | 62,432 | 182,629 |
| 03X Navajo (386) API# 02-001-20011 | 25 | 293 | 1,675 | 0 S 0 U 0 V | 293 | 1,675 | 0 | 1,931,014 | 303,831 | 639,551 |
| 04 Navajo (384) API# 02-001-20009 | 31 | 0 | 0 | 131 S 0 U 0 V | 0 | 0 | 131 | 3,625,859 | 3,157,643 | 115,955 |
| 06 Navajo (390) API# 02-001-20014 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 304,683 | 13,172 | 87,339 |

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|---|--------------------|---------|------------|-------------------|---------|------------|---------------------|-----------|------------|---------|
| | DAYS | OIL BBL | WATER BBLs | GAS MCF-DISP | OIL BBL | WATER BBLs | GAS MCF | OIL BBL | WATER BBLs | GAS MCF |
| 06 Navajo-88 (722) API# 02-001-20252 | 13 | 87 | 87 | 0 S 0 U 0 V | 87 | 87 | 0 | 55,874 | 3,167 | 261,139 |
| 09 Navajo (396) API# 02-001-20020 | 31 | 312 | 2,337 | 0 S 0 U 0 V | 312 | 2,337 | 0 | 1,666,320 | 589,247 | 259,211 |
| 11 Navajo (506) API# 02-001-20106 | 28 | 1,126 | 2,862 | 0 S 0 U 0 V | 1,126 | 2,862 | 0 | 1,048,982 | 129,740 | 649,474 |
| 14 Navajo (416) API# 02-001-20040 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 322,647 | 23,668 | 148,816 |
| 15 Navajo (417) API# 02-001-20041 | 3 | 8 | 15 | 0 S 0 U 0 V | 8 | 15 | 0 | 116,937 | 21,474 | 37,903 |
| 16 Navajo (419) API# 02-001-20043 | 18 | 225 | 151 | 0 S 0 U 0 V | 225 | 151 | 0 | 105,069 | 51,125 | 16,680 |
| 17 Navajo (618) API# 02-001-20190 | 1 | 2 | 1 | 0 S 0 U 0 V | 2 | 1 | 0 | 74,651 | 9,111 | 41,682 |
| 19 Navajo (691) API# 02-001-20240 | 31 | 78 | 26 | 0 S 0 U 0 V | 78 | 26 | 0 | 356,822 | 11,762 | 239,279 |
| 20 Navajo (696) API# 02-001-20245 | 31 | 130 | 26 | 0 S 0 U 0 V | 130 | 26 | 0 | 205,415 | 21,571 | 84,544 |
| 21 Navajo (693) API# 02-001-20242 | 29 | 49 | 24 | 0 S 0 U 0 V | 49 | 24 | 0 | 102,122 | 41,910 | 29,906 |
| 22 Navajo (692) API# 02-001-20241 | 25 | 42 | 42 | 0 S 0 U 0 V | 42 | 42 | 0 | 70,266 | 5,308 | 38,065 |
| 24 Navajo (695) API# 02-001-20244 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 307,872 | 1,223,095 | 55,778 |
| 25 Navajo (719) API# 02-001-20249 | 31 | 130 | 26 | 0 S 0 U 0 V | 130 | 26 | 0 | 89,558 | 4,162 | 65,731 |

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|--|--------------------|---------|------------|-----------------------|--------------|------------|---------|---------------------------------------|-------------------------------------|-------------------------------------|
| | DAYS | OIL BBL | WATER BBLs | GAS MCF-DISP | OIL BBL | WATER BBLs | GAS MCF | OIL BBL | WATER BBLs | GAS MCF |
| 26 Navajo (720) API# 02-001-20250 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 91,507 | 42,697 | 10,751 |
| 27 Navajo (721) API# 02-001-20251 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 111,774 | 1,674 | 54,683 |
| OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DINEH-BI-KEYAH (HERMOSA) | | 3,059 | 7,641 | 1,465 | 3,059 | 7,641 | 1,465 | 16,028,687 2,791,624 18,820,311 | 6,226,935 1,103,617 7,330,552 | 6,256,026 429,787 6,685,813 |
| DRY MESA (MISSISSIPPIAN/PARADOX) | | | | | | | | | | |
| Navajo Nation Oil&Gas Co. | | | | | | | | | | |
| 03 Navajo-138 (115) API# 02-001-05305 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 471,577 | 633,841 | 1,021,703 |
| 10 Navajo-138 (907) API# 02-001-20318 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 3,925 | 21,599 | 96,262 |
| OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DRY MESA (MISSISSIPPIAN/PARADOX) | | 0 | 0 | 0 | 0 | 0 | 0 | 475,502 377,167 852,669 | 655,440 2,238,572 2,894,012 | 1,117,965 1,400,847 2,518,812 |
| BLACK ROCK (ISMAY/AKAH) | | | | | | | | | | |
| Navajo Nation Oil&Gas Co. | | | | | | | | | | |
| 03 Black Rock (581) API# 02-001-20162 | 31 | 4 | 0 | 3,580 S 0 U 0 V | 4 | 0 | 3,580 | 4,362 | 5,905 | 2,154,016 |
| 12 Black Rock (875) API# 02-001-20294 | 31 | 37 | 445 | 2,700 S 0 U 0 V | 37 | 445 | 2,700 | 12,965 | 58,584 | 1,255,577 |
| 20 Black Rock (882) API# 02-001-20297 | 31 | 112 | 927 | 3,341 S 0 U 0 V | 112 | 927 | 3,341 | 27,508 | 172,582 | 1,252,894 |
| OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL BLACK ROCK (ISMAY/AKAH) | | 153 | 1,372 | 9,621 | 153 | 1,372 | 9,621 | 44,835 26,183 71,018 | 237,071 290,528 527,599 | 4,662,487 4,875,107 9,537,594 |

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|-----------------------------------|--------------------|--------------|---------------|-----------------|--------------|---------------|---------------------|-------------------|-------------------|-------------------|
| | DAYS | OIL BBL | WATER BBLs | GAS MCF-DISP | OIL BBL | WATER BBLs | GAS MCF | OIL BBL | WATER BBLs | GAS MCF |
| ABANDONED FIELDS AND UNDESIGNATED | | | | | | | | 1,497,143 | 5,734,304 | 14,789,650 |
| GRAND TOTALS | | 3,212 | 9,013 | 11,086 | 3,212 | 9,013 | 11,086 | 21,241,141 | 16,486,467 | 33,531,869 |

Helium: Between 1961 and 1976 cumulative production of Helium was 9,237,801 MCF.

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

Run Date 3/20/2015
6:25:14 AM

ARIZONA GEOLOGICAL SURVEY

Supplemental CO₂ Production Report

JAN 2015

| | MONTHLY PRODUCTION | YEAR TO DATE | ALL TIME CUMULATIVE |
|--|-----------------------------|------------------------|------------------------|
| DAYS | CO ₂ MCF-DISP | CO ₂ MCF | CO ₂ MCF |
| ST JOHNS (SUPAI) | | | |
| Kinder Morgan CO2 Company | | | |
| 10-22 State (896) | 0 S | 0 | 377,894 |
| API# 02-001-20308 | | | |
| ABANDONED FIELDS AND UNDESIGNATED | | | 0 |
| GRAND TOTALS | 0 | 0 | 377,894 |

Gas Disposition Symbols in this Report:

S - Sold

State Permit Numbers are shown in parentheses

* - Amended Report