

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

JAN 2012

| | 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 | 29 | 310 | 0 | 0 S 0 U 0 V | 310 | 0 | 0 | 1,153,646 | 34,315 | 137,857 |
| 01 Navajo-138 (388) API# 02-001-20012 | 22 | 361 | 0 | 0 S 0 U 0 V | 361 | 0 | 0 | 1,154,238 | 61,544 | 653,170 |
| 01 Navajo-C (484) API# 02-001-20092 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 8,302 | 2,092 | 2,501 |
| 01X Navajo-B (445) API# 02-001-20068 | 30 | 463 | 0 | 0 S 0 U 0 V | 463 | 0 | 0 | 1,911,406 | 51,223 | 224,817 |
| 02 Navajo-88 (431) API# 02-001-20055 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 872,472 | 337,731 | 143,751 |
| 02 Navajo-B (385) API# 02-001-20010 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 0 | 0 | 1,953,519 |
| 03 Navajo-138 (723) API# 02-001-20253 | 13 | 125 | 0 | 0 S 0 U 0 V | 125 | 0 | 0 | 104,014 | 5,152 | 101,371 |
| 03 Navajo-88 (443) API# 02-001-20066 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 177,376 | 58,629 | 182,629 |
| 03X Navajo (386) API# 02-001-20011 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 1,926,465 | 279,975 | 639,551 |
| 04 Navajo (384) API# 02-001-20009 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 3,625,859 | 3,157,643 | 110,983 |
| 06 Navajo (390) API# 02-001-20014 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 299,958 | 12,448 | 87,339 |
| 06 Navajo-88 (722) API# 02-001-20252 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 50,177 | 728 | 261,139 |

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|--------------------------------------|--------------------|---------|------------|-------------------|---------|------------|---------------------|-----------|------------|---------|
| | DAYS | OIL BBL | WATER BBLs | GAS MCF-DISP | OIL BBL | WATER BBLs | GAS MCF | OIL BBL | WATER BBLs | GAS MCF |
| 07 Navajo (389) API# 02-001-20013 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 658,386 | 403,746 | 108,151 |
| 09 Navajo (396) API# 02-001-20020 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 1,657,020 | 556,183 | 259,211 |
| 11 Navajo (506) API# 02-001-20106 | 30 | 580 | 0 | 0 S 0 U 0 V | 580 | 0 | 0 | 1,024,024 | 83,045 | 649,474 |
| 14 Navajo (416) API# 02-001-20040 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 319,492 | 21,091 | 148,816 |
| 15 Navajo (417) API# 02-001-20041 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 115,187 | 17,761 | 37,903 |
| 16 Navajo (419) API# 02-001-20043 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 96,754 | 35,815 | 16,680 |
| 17 Navajo (618) API# 02-001-20190 | 10 | 66 | 0 | 0 S 0 U 0 V | 66 | 0 | 0 | 73,965 | 8,931 | 41,682 |
| 19 Navajo (691) API# 02-001-20240 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 352,695 | 11,443 | 239,279 |
| 20 Navajo (696) API# 02-001-20245 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 201,967 | 21,157 | 84,544 |
| 21 Navajo (693) API# 02-001-20242 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 97,783 | 41,587 | 29,906 |
| 22 Navajo (692) API# 02-001-20241 | 30 | 667 | 12 | 0 S 0 U 0 V | 667 | 12 | 0 | 64,269 | 4,675 | 38,065 |
| 24 Navajo (695) API# 02-001-20244 | 29 | 896 | 6,078 | 0 S 0 U 0 V | 896 | 6,078 | 0 | 287,779 | 1,040,377 | 55,778 |
| 25 Navajo (719) API# 02-001-20249 | 25 | 115 | 0 | 0 S 0 U 0 V | 115 | 0 | 0 | 86,158 | 3,842 | 65,731 |

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|--|--------------------|---------|-----------|-------------------------|---------|-----------|---------------------|---------------------------------------|-----------------------------------|-------------------------------------|
| | DAYS | OIL BBL | WATER BBL | GAS MCF-DISP | OIL BBL | WATER BBL | GAS MCF | OIL BBL | WATER BBL | GAS MCF |
| 26 Navajo (720) API# 02-001-20250 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 87,085 | 35,760 | 10,751 |
| 27 Navajo (721) API# 02-001-20251 | 12 | 313 | 0 | 0 S 0 U 0 V | 313 | 0 | 0 | 107,253 | 682 | 54,683 |
| OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DINEH-BI-KEYAH (HERMOSA) | | 3,896 | 6,090 | 0 | 3,896 | 6,090 | 0 | 16,513,730 2,143,580 18,657,310 | 6,287,575 700,640 6,988,215 | 6,339,281 328,658 6,667,939 |
| DRY MESA (MISSISSIPPIAN/PARADOX) | | | | | | | | | | |
| RIM Southwest Corp. | | | | | | | | | | |
| 03 Navajo-138 (115) API# 02-001-05305 | 31 | 63 | 1,087 | 4,214 S 607 U 0 V | 63 | 1,087 | 4,821 | 471,062 | 629,551 | 996,819 |
| 10 Navajo-138 (907) API# 02-001-20318 | 31 | 20 | 0 | 0 S 0 U 0 V | 20 | 0 | 0 | 3,529 | 12,296 | 78,114 |
| OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DRY MESA (MISSISSIPPIAN/PARADOX) | | 83 | 1,087 | 4,821 | 83 | 1,087 | 4,821 | 474,591 377,167 851,758 | 641,847 2,238,572 2,880,419 | 1,074,933 1,400,847 2,475,780 |
| EAST BOUNDARY BUTTE (PARADOX) | | | | | | | | | | |
| Elm Ridge Resources, Inc. | | | | | | | | | | |
| 01 Navajo (28) API# 02-001-05199 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 147,883 | 696,249 | 2,054,982 |
| 02 Navajo (22) API# 02-001-05200 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 22,179 | 14,621 | 1,845,659 |
| 03-11 Navajo (490) API# 02-001-20095 | 0 | 0 | 0 | 0 S 0 U 0 V | 0 | 0 | 0 | 11,323 | 276,138 | 83,480 |
| OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL EAST BOUNDARY BUTTE (PARADOX) | | 0 | 0 | 0 | 0 | 0 | 0 | 181,385 709,320 890,705 | 987,008 4,177,141 5,164,149 | 3,984,121 5,858,349 9,842,470 |

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|--|--------------------|--------------|--------------|-------------------------|--------------|--------------|---------------------|-------------------|-------------------|-------------------|
| | DAYS | OIL BBL | WATER BBLs | GAS MCF-DISP | OIL BBL | WATER BBLs | GAS MCF | OIL BBL | WATER BBLs | GAS MCF |
| BLACK ROCK (ISMAY/AKAH) | | | | | | | | | | |
| RIM Southwest Corp. | | | | | | | | | | |
| 03 Black Rock (581) API# 02-001-20162 | 31 | 3 | 6 | 4,247 S 213 U 0 V | 3 | 6 | 4,460 | 4,321 | 5,678 | 2,058,058 |
| 12 Black Rock (875) API# 02-001-20294 | 31 | 62 | 498 | 1,681 S 417 U 0 V | 62 | 498 | 2,098 | 11,828 | 46,382 | 1,204,505 |
| 20 Black Rock (882) API# 02-001-20297 | 31 | 80 | 828 | 3,148 S 535 U 0 V | 80 | 828 | 3,683 | 25,251 | 150,323 | 1,170,788 |
| OPERATOR FIELD TOTAL | | 145 | 1,332 | 10,241 | 145 | 1,332 | 10,241 | 41,400 | 202,383 | 4,433,351 |
| ABANDONED PRODUCER | | | | | | | | 26,183 | 290,528 | 4,875,107 |
| TOTAL BLACK ROCK (ISMAY/AKAH) | | | | | | | | 67,583 | 492,911 | 9,308,458 |
| ABANDONED FIELDS AND UNDESIGNATED | | | | | | | | 606,438 | 570,155 | 4,947,180 |
| GRAND TOTALS | | 4,124 | 8,509 | 15,062 | 4,124 | 8,509 | 15,062 | 21,073,794 | 16,095,849 | 33,241,827 |

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 3/7/2012
10:59:24 AM

ARIZONA GEOLOGICAL SURVEY
Supplemental CO₂ Production Report

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| | MONTHLY PRODUCTION | YEAR TO DATE | ALL TIME CUMULATIVE |
|--|-----------------------------|------------------------|------------------------|
| DAYS | CO ₂ MCF-DISP | CO ₂ MCF | CO ₂ MCF |
| ST JOHNS (SUPAI) Ridgeway Arizona Oil Corp 10-22 State (896) API# 02-001-20308 | 0 S | 0 | 377,894 |
| 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