<table>
<thead>
<tr>
<th>MONTHLY PRODUCTION</th>
<th>YEAR TO DATE</th>
<th>ALL TIME CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DAYS</td>
<td>OIL BBLs</td>
</tr>
<tr>
<td>DINEH-BI-KEYAH (HERMOSA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mountain States Petroleum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01 Navajo (377)</td>
<td>16</td>
<td>177</td>
</tr>
<tr>
<td>API# 02-001-20001</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01 Navajo-138 (388)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>API# 02-001-20012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01 Navajo-C (484)</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>API# 02-001-20092</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01X Navajo-B (445)</td>
<td>16</td>
<td>258</td>
</tr>
<tr>
<td>API# 02-001-20068</td>
<td></td>
<td></td>
</tr>
<tr>
<td>02 Navajo-88 (431)</td>
<td>13</td>
<td>210</td>
</tr>
<tr>
<td>API# 02-001-20055</td>
<td></td>
<td></td>
</tr>
<tr>
<td>02 Navajo-B (385)</td>
<td>25</td>
<td>0</td>
</tr>
<tr>
<td>API# 02-001-20010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03 Navajo-138 (723)</td>
<td>16</td>
<td>157</td>
</tr>
<tr>
<td>API# 02-001-20253</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03 Navajo-88 (443)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>API# 02-001-20086</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03X Navajo (386)</td>
<td>16</td>
<td>177</td>
</tr>
<tr>
<td>API# 02-001-20011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>04 Navajo (384)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>API# 02-001-20009</td>
<td></td>
<td></td>
</tr>
<tr>
<td>06 Navajo (390)</td>
<td>16</td>
<td>124</td>
</tr>
<tr>
<td>API# 02-001-20014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>06 Navajo-88 (722)</td>
<td>16</td>
<td>113</td>
</tr>
<tr>
<td>API# 02-001-20252</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LEGEND ON LAST PAGE**
<table>
<thead>
<tr>
<th>API#</th>
<th>07 Navajo (389)</th>
<th>09 Navajo (396)</th>
<th>11 Navajo (509)</th>
<th>14 Navajo (416)</th>
<th>15 Navajo (417)</th>
<th>16 Navajo (419)</th>
<th>17 Navajo (618)</th>
<th>19 Navajo (691)</th>
<th>20 Navajo (696)</th>
<th>21 Navajo (693)</th>
<th>22 Navajo (692)</th>
<th>24 Navajo (695)</th>
<th>25 Navajo (719)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAYS</td>
<td>0</td>
<td>0</td>
<td>16</td>
<td>15</td>
<td>0</td>
<td>0</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>OIL BBLs</td>
<td>0</td>
<td>0</td>
<td>322</td>
<td>106</td>
<td>0</td>
<td>0</td>
<td>97</td>
<td>193</td>
<td>113</td>
<td>177</td>
<td>129</td>
<td>867</td>
<td>140</td>
</tr>
<tr>
<td>WATER BBLs</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2,325</td>
<td>0</td>
</tr>
<tr>
<td>GAS MCF-DISP</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>96</td>
</tr>
</tbody>
</table>

| OIL BBLs | 0 | 0 | 2,380 | 0 | 0 | 0 | 231 | 671 | 718 | 451 | 391 | 7,250 | 836 |
| YEAR TO DATE WATER BBLs | 0 | 0 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24,549 | 0 |
| GAS MCF | 0 | 0 | 1,001,692 | 0 | 0 | 0 | 68,468 | 343,665 | 196,374 | 93,915 | 60,382 | 219,962 | 77,895 |
| ALL TIME CUMULATIVE OIL BBLs | 0 | 0 | 1,556,806 | 0 | 0 | 0 | 83,045 | 1,001,692 | 84,544 | 41,587 | 4,663 | 55,778 | 3,842 |
| WATER BBLs | 0 | 0 | 556,092 | 0 | 0 | 0 | 83,045 | 83,045 | 1,001,692 | 41,587 | 4,663 | 77,2165 | 3,842 |
| GAS MCF | 0 | 0 | 259,211 | 0 | 0 | 0 | 648,844 | 648,844 | 648,844 | 37,903 | 148,816 | 55,778 | 65,171 |

LEGEND ON LAST PAGE
### ARIZONA GEOLOGICAL SURVEY
Oil, Gas, & Helium Production Report

<table>
<thead>
<tr>
<th>MONTHLY PRODUCTION</th>
<th>YEAR TO DATE</th>
<th>ALL TIME CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DAYS</td>
<td>OIL BBLs</td>
</tr>
<tr>
<td>---------------------</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>26 Navajo (720)</td>
<td>16</td>
<td>405</td>
</tr>
<tr>
<td>API# 02-001-20250</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27 Navajo (721)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>API# 02-001-20251</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OPERATOR &amp; FIELD TOTAL</td>
<td>3,780</td>
<td>2,900</td>
</tr>
<tr>
<td>ABANDONED PRODUCERS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL DINEH-BI-KEYAH (HERMOSA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRY MESA (MISSISSIPPIAN/PARADOX)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RIM Southwest Corp.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>02 Navajo-138 (106)</td>
<td>30</td>
<td>0</td>
</tr>
<tr>
<td>API# 02-001-05303</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03 Navajo-138 (115)</td>
<td>29</td>
<td>39</td>
</tr>
<tr>
<td>API# 02-001-05305</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 Navajo-138 (907)</td>
<td>29</td>
<td>13</td>
</tr>
<tr>
<td>API# 02-001-20318</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OPERATOR &amp; FIELD TOTAL</td>
<td>52</td>
<td>1,288</td>
</tr>
<tr>
<td>ABANDONED PRODUCERS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EAST BOUNDARY BUTTE (PARADOX)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elm Ridge Resources, Inc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01 Navajo (28)</td>
<td>10</td>
<td>192</td>
</tr>
<tr>
<td>API# 02-001-05199</td>
<td></td>
<td></td>
</tr>
<tr>
<td>02 Navajo (22)</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>API# 02-001-05200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03-11 Navajo (490)</td>
<td>3</td>
<td>20</td>
</tr>
<tr>
<td>API# 02-001-20095</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

LEGEND ON LAST PAGE
| OPERATOR & FIELD TOTAL | 227 | 0 | 0 | 472 | 0 | 934 | 176,682 | 986,255 | 3,974,101 |
| ABANDONED PRODUCERS | | | | | | | 709,320 | 4,177,141 | 5,858,349 |
| TOTAL EAST BOUNDARY BUTTE (PARADOX) | | | | | | | 886,002 | 5,163,396 | 9,832,450 |

**BLACK ROCK (ISMAY/AKAH)**

| RIM Southwest Corp. | 03 Black Rock (581) | 27 | 0 | 0 | 3,940 | S | 23 | 35 | 27,472 | 4,145 | 3,214 | 1,739,199 |
| API# 02-001-20162 | | 193 | U | 0 | V | | | | | | | |
| 12 Black Rock (875) | 29 | 37 | 123 | 1,335 | S | 296 | 1,319 | 11,146 | 8,393 | 29,819 | 1,095,634 |
| API# 02-001-20294 | | 203 | U | 0 | V | | | | | | | |
| 20 Black Rock (882) | 29 | 115 | 887 | 3,502 | S | 525 | 4,358 | 23,173 | 19,419 | 102,706 | 902,742 |
| API# 02-001-20297 | | 350 | U | 0 | V | | | | | | | |

**OPERATOR & FIELD TOTAL**

| 152 | 1,010 | 9,523 | 844 | 5,712 | 61,791 | 31,957 | 135,739 | 3,737,575 |
| ABANDONED PRODUCERS | 26,183 | 290,528 | 4,875,107 |
| TOTAL BLACK ROCK (ISMAY/AKAH) | 58,140 | 426,267 | 8,612,682 |

**ABANDONED FIELDS AND UNDESIGNATED GRAND TOTALS**

| 4,211 | 5,198 | 51,382 | 23,129 | 38,235 | 291,880 | 20,820,470 | 15,672,223 | 30,669,456 |

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

**LEGEND ON LAST PAGE**
<table>
<thead>
<tr>
<th>ST JOHNS (SUPAI)</th>
<th>MONTHLY PRODUCTION</th>
<th>YEAR TO DATE</th>
<th>ALL TIME CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DAYS</td>
<td>CO₂</td>
<td>CO₂</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MCF-DISP</td>
<td>MCF</td>
</tr>
<tr>
<td>10-22 State (896)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>377,894</td>
</tr>
</tbody>
</table>

ABANDONED FIELDS AND UNDESIGNATED GRAND TOTALS

<table>
<thead>
<tr>
<th></th>
<th>DAYS</th>
<th>CO₂</th>
<th>CO₂</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>377,894</td>
</tr>
</tbody>
</table>

Gas Disposition Symbols in this Report:
S - Sold

State Permit Numbers are shown in parentheses.

* - Amended Report