

POKER LAKE UNIT 42  
DST #5  
14,840 to 15,350'

| <u>Minutes</u> | <u>Time</u> | <u>psig</u><br><u>Pressure</u> | <u>Choke Size &amp; Remarks</u> |
|----------------|-------------|--------------------------------|---------------------------------|
|                | 12:07 PM    | 110                            | 1"                              |
| 5              | 12:12       | 30                             | 1"                              |
| 8              | 12:15       | 0                              | 1"                              |
| 15             | 12:22       | 0                              | 5/8"                            |
| 36             | 12:43       | 13 in.wtr.press.               | "                               |
| 51             | 12:58       | 51 in.wtr.press.               | "                               |
| 60             | 1:07 PM     | 50                             | " Water Blanket to Surf.        |
| 65             | 1:12        | 100                            | "                               |
| 70             | 1:17        | 180                            | "                               |
| 80             | 1:27        | 200                            | "                               |
| 85             | 1:32        | 340                            | "                               |
| 90             | 1:37        | 400                            | "                               |
| 100            | 1:47        | 370                            | "                               |
| 120            | 2:07        | 575                            | "                               |
| 130            | 2:17        | 440                            | "                               |
| 145            | 2:32        | 320                            | "                               |
| 160            | 2:47        | 210                            | "                               |
| 170            | 2:57        | 180                            | "                               |
| 175            | 3:02        | 165                            | "                               |
| 180            | 3:07        | 155                            | "                               |
| 185            | 3:12        | 150                            | "                               |
| 195            | 3:22        | 140                            | "                               |
| 210            | 3:37        | 135                            | "                               |
| 225            | 3:52        |                                | Through Sept. on 16/64" Choke   |

| <u>Time</u> | <u>Surface</u> |              | <u>Separator</u> |          |        |      |           |                        |
|-------------|----------------|--------------|------------------|----------|--------|------|-----------|------------------------|
|             | <u>psig</u>    | <u>Choke</u> |                  |          |        |      |           |                        |
| 3:55 PM     | 280            | 5/8"         | 200 psig         | 4" Diff. | 16/64" | 94°F | 280 Mcf/D |                        |
| 4:22        |                | "            | 200              | 12       | "      | "    |           | RECEIVED               |
| 4:47        | 500            | "            | 220              | 24       | "      | "    | 740       |                        |
| 5:07        | 570            | "            | "                | 28       | "      | "    | 800       |                        |
| 5:25        | 605            | "            | "                | 34       | "      | 93°F | 890       |                        |
| 5:29        | 610            | "            |                  |          | 24/64" |      |           |                        |
| 5:35        | 550            | "            | 400              | 68       | "      | 92°F | 1650      | U.S. GEOLOGICAL SURVEY |
| 5:57        | 470            | "            | 390              | 58       | "      | "    | 1490      | ARIZONA, NEW MEXICO    |
| 6:23        | 450            | "            | "                | 39       | "      | "    | 1200      |                        |
| 6:31        | 435            | "            | "                | 37       | "      | "    | 1190      |                        |
| 6:33        | 455            | "            |                  |          | 32/64" |      |           |                        |
| 6:38        |                | "            | 450              | 16       | "      | "    | 840       |                        |
| 6:50        | 465            | "            | "                | 24       | "      | "    | 1050      |                        |
| 7:17        | 470            | "            | "                | 28       | "      | "    | 1125      |                        |
| 7:33        | 470            | "            | "                | 26       | "      | "    | 1075      |                        |

Pressures From Chart

|                |             |
|----------------|-------------|
| IH             | 10,310 psig |
| 10 Min IF      | 3,578       |
| 10 Min FF      | 3,600       |
| 60 Min ISI     | 8,544       |
| 30 Min IF      | 3,468       |
| 30 Min FF      | 2,900       |
| 120 Min 2nd SI | 8,469       |
| 30 Min IF      | 2,986       |
| 30 Min FF      | 2,947       |
| 90 Min 3rd SI  | 8,361       |
| 7½ Hr IF       | 3,105       |
| 7½ Hr FF       | 1,402       |
| 8 Hr 4th SI    | 7,372       |
| FH             | 10,169      |
| Calc. H        | 10,037      |