

AMOCO PRODUCTION COMPANY  
 FEDERAL "AA" No. 1  
 4-POINT BACK PRESSURE TEST, &  
 BOTTOM HOLE PRESSURE BUILD-UP TEST  
 TABULATION OF TIMES AND PRESSURES

TEST CONDUCTED BY:  
 JOHN WEST ENGINEERING COMPANY

TEST DATE: MARCH 6, TO MARCH 8, 1980  
 TEST DEPTH: 11,000 FEET  
 ELEMENT No.: 18449  
 OPERATOR: W.S.

| DATE   | TIME       | CUM. HRS. / MIN. |         | PSIG @ 11,000 FEET           |
|--------|------------|------------------|---------|------------------------------|
| 3-6-80 | 10:45 AM   |                  |         | 3948 GAUGE REACHED 11,000'   |
|        | 11:00 AM   |                  |         | 4016                         |
|        | 11:15 AM   |                  |         | 4056                         |
| 3-6-80 | 11:30 AM   | 00 HRS.          | 00 MIN. | 4092 SHUT-IN; BEGIN BUILD-UP |
|        | 11:45 AM   | 00               | 15      | 4161                         |
|        | 12:00 NOON | 00               | 30      | 4217                         |
|        | 12:15 PM   | 00               | 45      | 4237                         |
|        | 12:30 PM   | 01               | 00      | 4257                         |
| 3-6-80 | 1:00 PM    | 01               | 30      | 4289                         |
|        | 1:30 PM    | 02               | 00      | 4338                         |
|        | 2:00 PM    | 02               | 30      | 4357                         |
|        | 2:30 PM    | 03               | 00      | 4386                         |
|        | 3:00 PM    | 03               | 30      | 4402                         |
|        | 3:30 PM    | 04               | 00      | 4422                         |
| 3-6-80 | 4:30 PM    | 05               | 00      | 4450                         |
|        | 5:30 PM    | 06               | 00      | 4466                         |
| 3-6-80 | 7:30 PM    | 08               | 00      | 4490                         |
|        | 9:30 PM    | 10               | 00      | 4510                         |
| 3-7-80 | 2:30 AM    | 15               | 00      | 4458                         |
|        | 7:30 AM    | 20               | 00      | 4486                         |
|        | 12:30 PM   | 25               | 00      | 4514                         |
|        | 5:30 PM    | 30               | 00      | 4546                         |
|        | 10:30 PM   | 35               | 00      | 4574                         |
| 3-8-80 | 3:30 AM    | 40               | 00      | 4602                         |
| 3-8-80 | 9:00 AM    | 45               | 30      | 4619 END BUILD-UP            |
| 3-8-80 | 10:00 AM   | 46               | 30      | 4619 OPEN CHOKE              |
|        | 10:15 AM   | 46               | 45      | 4510                         |
|        | 10:30 AM   | 47               | 00      | 4534 END RATE I              |
| 3-8-80 | 10:45 AM   | 47               | 15      | 4430                         |
|        | 11:00 AM   | 47               | 30      | 4389                         |
|        | 11:15 AM   | 47               | 45      | 4378                         |
|        | 11:30 AM   | 48               | 00      | 4349 END RATE II             |
| 3-8-80 | 11:45 AM   | 48               | 15      | 4040                         |
|        | 12:00 NOON | 48               | 30      | 3944                         |
|        | 12:15 PM   | 48               | 45      | 3794                         |
|        | 12:30 PM   | 49               | 00      | 3698 END RATE III            |