

AMOCO PRODUCTION COMPANY  
 EMPIRE SOUTHDEEP UNIT NO. 21  
 4-POINT BACK PRESSURE TEST  
 TABULATION OF PRESSURE AND TIME

TEST DATE: 3-9-81  
 TEST DEPTH: 10,626'  
 ELEMENT NO: 18715  
 OPERATOR: W.S.

| <u>DATE</u> | <u>TIME</u> | <u>CUM. HRS./MIN.</u> | <u>PSIG @ 10,626 FEET</u>      |
|-------------|-------------|-----------------------|--------------------------------|
| 3-9-81      | 1:15 P.M.   |                       | 2273 gauge reached 10,626 Feet |
| 3-9-81      | 1:45 P.M.   | 00hrs. 00min.         | 2273 open choke to purge line  |
|             | 2:15 P.M.   | 00 30                 | 2273                           |
|             | 2:45 P.M.   | 01 00                 | 2270                           |
|             | 3:00 P.M.   | 01 15                 | 2270 16/64 Choke Begin Test    |
|             | 3:15 P.M.   | 01 30                 | 2266                           |
|             | 3:30 P.M.   | 01 45                 | 2266 END RATE I                |
| 3-9-81      | 3:45 P.M.   | 02 00                 | 2254 25/64                     |
|             | 4:00 P.M.   | 02 15                 | 2256                           |
|             | 4:15 P.M.   | 02 30                 | 2259 END RATE II               |
|             | 4:30 P.M.   | 02 45                 | 2246 30/64                     |
|             | 4:45 P.M.   | 03 00                 | 2248                           |
|             | 5:00 P.M.   | 03 15                 | 2248 END RATE III              |

| <u>DEPTH</u> | <u>PRESSURE</u> | <u>GRADIENT</u> |
|--------------|-----------------|-----------------|
| 000          | 1619            |                 |
| 10126        | 2241            | .061            |
| 10526        | 2263            | .055            |
| 10626        | 2273            | .100            |