





| D06576                    |          | PRESSURE DATA |  | FLUID SAMPLE REPORT |                  |
|---------------------------|----------|---------------|--|---------------------|------------------|
| INSTRUMENT No.            | AK1-2081 | AK1-2085      |  | Sample No.          |                  |
| CAPACITY (psig)           | 4100     | 4400          |  | Type                |                  |
| INSTRUMENT DEPTH FT.      | 2174     | 2217          |  | Depth               | ft.              |
| INSTRUMENT OPENING        | Inside   | Outside       |  | Volume              |                  |
| PRESSURE GRADIENT psi/FT. |          |               |  | Sample Pressure:    |                  |
| WELL TEMP. °F. 78         |          |               |  | 62                  | psig. at Surface |
| INITIAL HYDROSTATIC       | A 1264#  | 1296#         |  | Gravity             | API @ °F         |
| FIRST FLOW                | B 76#    | 99#           |  | Gas Oil Ratio       | Cu.Ft., bbl.     |
|                           | B-1 90#  | 109#          |  | Recovery:           |                  |
| INITIAL SHUT-IN           | C 1155#  | 1168#         |  | Cu. Ft. Gas         |                  |
| SECOND FLOW               | D 89#    | 94#           |  | cc. Oil             |                  |
|                           | D-1 167# | 182#          |  | cc. Water           |                  |
| SECOND SHUT-IN            | E        |               |  | cc. Mud             | 25               |
| THIRD FLOW                | F        |               |  | Total Liquid cc.    | 25               |
|                           | F-1      |               |  |                     |                  |
| FINAL SHUT-IN             | G 1148#  | 1160#         |  |                     |                  |
| FINAL HYDROSTATIC         | H 1264#  | 1292#         |  |                     |                  |

REMARKS: MFE sample drained on location.

**PRESSURE INCREMENTS on AK1-2085**

| INITIAL SHUT-IN |          |                                 | FINAL SHUT-IN |          |                                 |               |          |                                 |
|-----------------|----------|---------------------------------|---------------|----------|---------------------------------|---------------|----------|---------------------------------|
| POINT MINUTES   | PRESSURE | $\frac{T + \Delta T}{\Delta T}$ | POINT MINUTES | PRESSURE | $\frac{T + \Delta T}{\Delta T}$ | POINT MINUTES | PRESSURE | $\frac{T + \Delta T}{\Delta T}$ |
| 0               | 109      | ----                            | 0             | 182      | ----                            |               |          |                                 |
| 5               | 941      | 2.00                            | 10            | 1024     | 10.50                           |               |          |                                 |
| 10              | 1115     | 1.50                            | 20            | 1103     | 5.75                            |               |          |                                 |
| 15              | 1145     | 1.33                            | 30            | 1121     | 4.17                            |               |          |                                 |
| 20              | 1154     | 1.25                            | 40            | 1130     | 3.38                            |               |          |                                 |
| 25              | 1159     | 1.20                            | 50            | 1136     | 2.90                            |               |          |                                 |
| 30              | 1163     | 1.17                            | 60            | 1141     | 2.58                            |               |          |                                 |
| 35              | 1165     | 1.14                            | 70            | 1145     | 2.36                            |               |          |                                 |
| 40              | 1167     | 1.13                            | 80            | 1148     | 2.19                            |               |          |                                 |
| 45              | 1168     | 1.11                            | 90            | 1151     | 2.06                            |               |          |                                 |
|                 |          |                                 | 100           | 1153     | 1.95                            |               |          |                                 |
|                 |          |                                 | 110           | 1155     | 1.86                            |               |          |                                 |
|                 |          |                                 | 120           | 1157     | 1.79                            |               |          |                                 |
|                 |          |                                 | 130           | 1158     | 1.73                            |               |          |                                 |
|                 |          |                                 | 140           | 1159     | 1.68                            |               |          |                                 |
|                 |          |                                 | 150           | 1160     | 1.63                            |               |          |                                 |



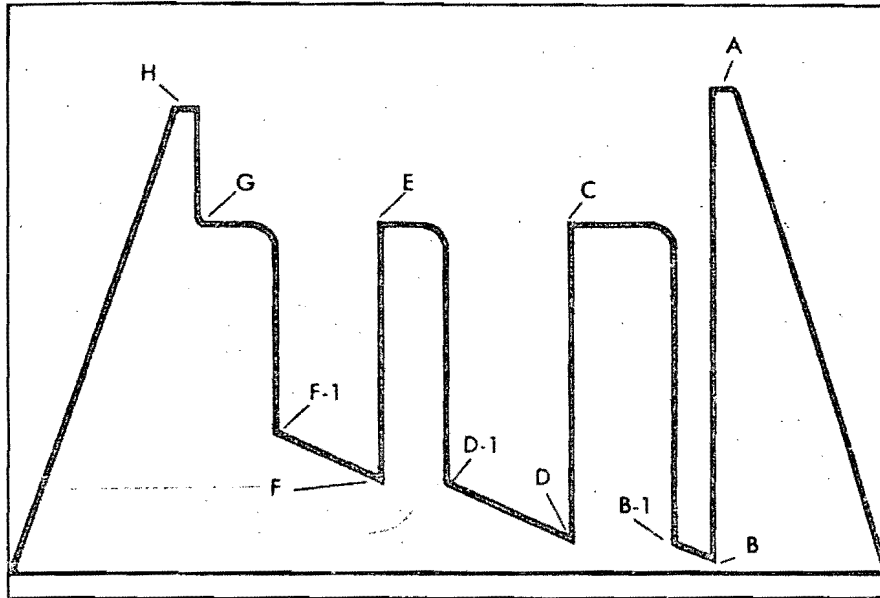
# GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD  
REPORT NO.

D06576

RECORDER NO.

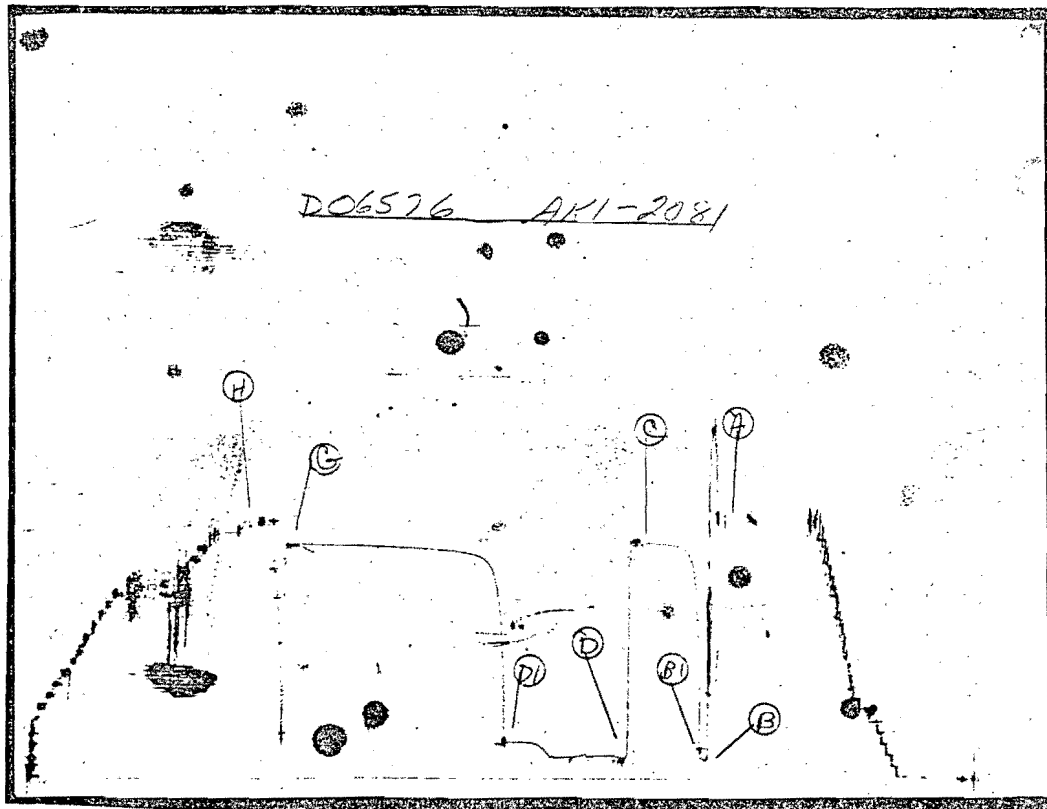
AK1-2081



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- Z — Special pressure points such as pumping pressures recorded for formation breakdown.

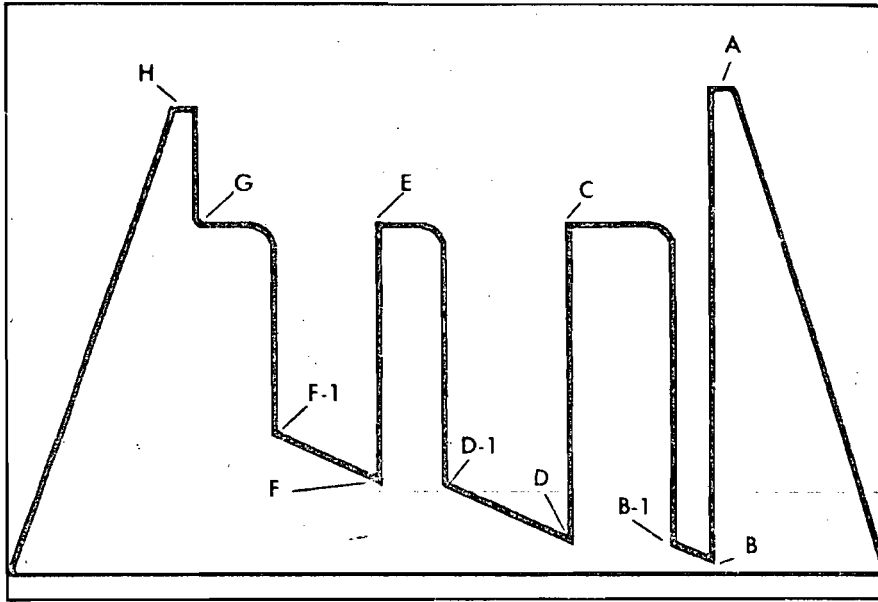




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