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|----------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|
| <b>Rotary Wire Line</b><br><b>SERVICE, INC.</b><br><i>"Specializing in Pipe Recovery"</i><br>Hobbs, New Mexico 88240 |  | TEMPERATURE SURVEY        |  |
| FIELD PRINT                                                                                                          |  | COMPANY YATES PETROLEUM   |  |
| WELL PEARSON "APE" # 1                                                                                               |  | FIELD                     |  |
| COUNTY EDDY                                                                                                          |  | STATE NEW MEXICO          |  |
| LOCATION: N/A                                                                                                        |  | OTHER SERVICES: NONE      |  |
| SEC. TWP.                                                                                                            |  | ELEVATION: K.F.           |  |
| Permanent Datum                                                                                                      |  | Elev. _____               |  |
| Log Measured from G.L.                                                                                               |  | Ft. Above Perm Datum D.F. |  |
| Drilling M. covered from                                                                                             |  | G.L.                      |  |
| Date 04-21-96                                                                                                        |  | Run No. ONE               |  |
| Type Log                                                                                                             |  | TEMPERATURE               |  |
| Depth—Derrick                                                                                                        |  | P.C.E. 115°               |  |
| Depth—Loggert                                                                                                        |  | APR 29 1996               |  |
| Bottom loggert interval                                                                                              |  | 300'                      |  |
| Top loggert interval                                                                                                 |  | 000'                      |  |
| Type fluid in hole                                                                                                   |  | WATER                     |  |
| Rate                                                                                                                 |  | OIL GPM                   |  |
| Pressure                                                                                                             |  | DIST. 2                   |  |
| Level                                                                                                                |  | FULL                      |  |
| Max. rec. Temp. Deg. F.                                                                                              |  | 1 HOUR                    |  |
| Operating rig time                                                                                                   |  | WELDON                    |  |
| Recorded by                                                                                                          |  | RUSSELL                   |  |
| Witnessed by                                                                                                         |  |                           |  |
| RUN                                                                                                                  |  | CORE-HOLE RECORD          |  |
| No. 51                                                                                                               |  | Size 51                   |  |
| From                                                                                                                 |  | Wgt. From                 |  |
|                                                                                                                      |  | SURFACE T.D.              |  |

