|                                 |             |                   | $\frown$                |   | • •                                   |         |   |                                       |                   |  |
|---------------------------------|-------------|-------------------|-------------------------|---|---------------------------------------|---------|---|---------------------------------------|-------------------|--|
| KANSAS DD                       | 11155       | S 106             | <b>G</b> tat            | e Geologica                               | al Suhvey                             |         | O   | - 20 -                                | Q - 20 B          |  |
| KANSAS DRILLERS LOG             |             |                   |                         | WICHITA, BRANCH                           |                                       |         |   | s. 29 T. 9 R. 20 W                    |                   |  |
| API No. 15 -                    |             | 63                | 20                      | 642<br>Number                             |                                       |         |   | Loc. <u>NE</u>                        | SW NE             |  |
| Operator                        |             | County            |                         | Number                                    | · · · · · · · · · · · · · · · · · · · |         |   | County Ro                             |                   |  |
| Southern                        | ı Sta       | tes Oil           | Co.                     |   |                                       |         |   |                                       | 640 Acres         |  |
| Address                         |             |                   |                         | V   |                                       |         |   |                                       |                   |  |
| P.O. Box<br>Well No.            | C 130       | Lease Name        | Bena,                   | Kansas                                    |                                       |         |   | 160                                   |                   |  |
| 1                               |             | Lambe             | ert                     |   |                                       |         |   |                                       |                   |  |
| Footage Location                |             |                   |                         | 000                                       | -                                     |         |   |                                       |                   |  |
| 990 fee<br>Principal Contractor |             | (S) tine          | Т.                      | 990 feet<br>Geologist                     | from 🍅 (W) I                          | ine     |   | - 160                                 |                   |  |
| Duke Dril                       |             | Co.               |                         | Steve Powell                              |                                       |         |   |                                       |                   |  |
| Spud Date                       |             |                   |                         | Total Depth P.B.T.D.                      |                                       |         |   | Locate well correctly Elev.: Gr. 2290 |                   |  |
| 10-11-76 Pate Completed         |             |                   |                         | 39.55 39.3                                |                                       |         |   |                                       |                   |  |
| 10-22-                          | -76         |                   | - 1                     | Permian (                                 | Corp.                                 |         |   | DF                                    | кв_2295           |  |
| × × ×                           |             |                   |                         |   | RECORD                                |         |   |                                       |                   |  |
|                                 |             |                   |                         |   |                                       |         | .,  |                                       |                   |  |
| Report of al                    | l strings   | set — surface, i  |                         | te, production, et                        |                                       |         | ·   |                                       | Type and percent  |  |
| Purpose of str                  | ring        | Size hole drilled | Size casing<br>(in O.D. | ) Set Weight Ibs/ft.                      | Setting depth                         |         | Type cement                                   | Sacks                                 | additives         |  |
| Surface                         |             | 12 <del>1</del>   | 8-5/8                   | 28#                                       | 261                                   | C       |   | 160                                   | 2% Gel<br>3% C.C. |  |
| Durrace                         |             | 124               | 0-5/0                   | 20#                                       | 201                                   | U       | ommon   | . 1. 100                              | 10% Salt          |  |
| Production                      |             | 7-7/8             | 5호                      | 14#                                       | 3955 Co                               |         | ommon   | 150                                   | 3/4 of 1% CF      |  |
|                                 |             |                   |                         |   |                                       |         |   |                                       |                   |  |
|                                 |             |                   |                         | ···                                       |                                       |         |   |                                       |                   |  |
|                                 |             |                   | 1                       |   |                                       |         |   |                                       |                   |  |
| LINER RECORD                    |             |                   |                         | P   |                                       |         | PERFO   | REFORATION RECORD                     |                   |  |
| Top, ft.                        | Во          | ttom, ft.         | Saci                    | ks cement                                 | Shots per ft.                         |         |   | Size & type                           | Depth interval    |  |
|                                 |             |                   |                         |   |                                       | Je      |   | Perf                                  |                   |  |
| TUBING RECORD                   |             |                   |                         |   |                                       |         |   | p Pent.                               | 3883-3888         |  |
| Size                            | Se          | tting depth       | Paci                    | ker set at                                |                                       |         |   |                                       |                   |  |
|                                 |             |                   | CID FRA                 | CTURE CHOT                                | CEMENT COL                            | IEFT    | F DECORD                                      | <del></del>                           |                   |  |
|                                 |             |                   |                         | CTURE, SHOT,                              | CEMEN 1 3Q                            | JEEL    | E RECORD                                      |                                       |                   |  |
|                                 |             | Amou              |                         | Depth interval treated                    |                                       |         |   |                                       |                   |  |
|                                 |             |                   |                         |   |                                       |         |   |                                       |                   |  |
|                                 |             |                   |                         |   |                                       |         |   |                                       |                   |  |
|                                 |             |                   |                         |   |                                       |         | <u>, , , , , , , , , , , , , , , , , , , </u> |                                       |                   |  |
|                                 |             |                   |                         |   |                                       |         |   |                                       |                   |  |
|                                 |             |                   |                         |   |                                       |         |   |                                       |                   |  |
|                                 |             |                   |                         | INITIAL PE                                | ODUCTION                              |         |   |                                       |                   |  |
| Date of first produc            | ction       |                   | Dend                    |   | ODUCTION                              | as lift | etc.)   |                                       |                   |  |
| Date of first produ             |             |                   | Prod                    | INITIAL PR<br>ucing method (flow<br>Pumpi | ring, pumping, g                      | as lift | , etc.)                                       |                                       |                   |  |
| 11-1-7                          | 76          | OII               | Prod                    | ucing method (flow                        | ring, pumping, g                      |         | Vater   |                                       | Gas-oil ratio     |  |
| 11-1-7                          | 76<br>CTION | 95                |                         | ucing method (flow                        | ng, pumping, g                        |         |   | bbls.                                 | Gas-oil ratio     |  |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

| Operator Southern States Oil Co.   | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil Well                 |                         |   |            |
|--|---|-------------------------|---|------------|
| Vell No. Lease Name  |   | <del></del>             | 011 #011  |            |
| l Lambert  |   |                         |   | · ·        |
| 29 T 9 R 20 W Rooks County Kan   | 200   |                         |   |            |
| " ROOKS Country, Ran-  | 585   |                         |   |            |
| WELL LOG Show all important zones of porosity and contents thereof; cored interv   | SHOW GEOLOGICAL MARKERS, LOGS RUN,<br>OR OTHER DESCRIPTIVE INFORMATION.           |                         |   |            |
| cluding depth interval tested, cushion used, time tool open, flowing and<br>FORMATION DESCRIPTION, CONTENTS, ETC.                          | shut-in pressures,  | and recoveries.  BOTTOM | NAME  | DEPTH      |
| FORMATION DESCRIPTION, CONTENTS, ETC.  | 101   | BOTTOM                  | NAME  |            |
| Clay & Shale Hard Sand Shale & Sand Streaks Anhydrite Shale Shale & Lime Shale Lime & Shale Lime Lime Dolomite  TOTAL DEPTH 3955* (ROTARY) | 0<br>1118<br>1130<br>1785<br>1822<br>1921<br>3544<br>3548<br>3566<br>3799<br>3882 | 1130                    | Cased Hole Lo<br>Neutron Run b<br>line Co. from<br>10-22-76 | y L-K Wire |
| USE ADDITIONAL SHEETS, IF N  | General   | U Atta                  | ELL RECORD.  Signature R.D. Sta                             | ndlee      |