

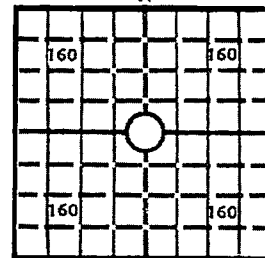
KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGState Geological Survey  
WICHITA BRANCHAPI No. 15 — 205 — 21.677  
County Number

S. 13 T. 28 R. 15 E. W.

Loc. 2740' FSL; 480' FEL, *surf*

County Wilson

640 Acres  
N

Locate well correctly

Elev.: Gr. \_\_\_\_\_

DF \_\_\_\_\_ KB \_\_\_\_\_

Operator

L &amp; L Oil Company

Address

P.O. Box 13, Benedict, KS 66714

Well No.

13 A

Lease Name

Morton

Footage Location

2740 feet from (N) (S) line 480 feet from (E) (W) line

Principal Contractor

Company Tools

Geologist

Spud Date

Feb. 16, 1981

Date Completed

March 12, 1981

Total Depth

1045

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

Square Deal Oil Co., Inc.

## CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
| Surface           | 8 5/8"            | 7"                        |                | 26'           | Portland A  | 20    |                            |
| Production        | 6 1/4"            | 2 1/2"                    |                | 1040'         | Portland A  | 109   |                            |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |

## LINER RECORD

## PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              | 3             |             | 1011' - 1020'  |
|          |             |              |               |             |                |

## TUBING RECORD

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
| 1"   | 1025          |               |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used             | Depth interval treated |
|----------------------------------------------|------------------------|
| 220 bbl gelled salt water, 100 sacks of sand | 1011 - 1020            |
|                                              |                        |
|                                              |                        |

## INITIAL PRODUCTION

|                                                    |  |                                                     |     |                        |               |
|----------------------------------------------------|--|-----------------------------------------------------|-----|------------------------|---------------|
| Date of first production                           |  | Producing method (flowing, pumping, gas lift, etc.) |     |                        |               |
| April 21, 1980                                     |  | Pumping                                             |     |                        |               |
| RATE OF PRODUCTION<br>PER 24 HOURS                 |  | Oil                                                 | Gas | Water                  | Gas-oil ratio |
|                                                    |  | 5 bbls.                                             | MCF | 10 bbls.               | CFPB          |
| Disposition of gas (vented, used on lease or sold) |  |                                                     |     | Producing interval (s) |               |

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, 245 No. Water, Wichita, Kansas 67202. 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<br>L & L Oil Company                                                                                                                                                                                                          |                                                                            | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.:<br>oil      |              |
| Well No.<br>13 A                                                                                                                                                                                                                       | Lease Name<br>Morton                                                       |                                                                         |              |
| S <u>13</u> T <u>28</u> R <u>15</u> <sup>E</sup> <sub>WW</sub>                                                                                                                                                                         |                                                                            |                                                                         |              |
| <b>WELL LOG</b><br>Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. |                                                                            | SHOW GEOLOGICAL MARKERS, LOGS RUN,<br>OR OTHER DESCRIPTIVE INFORMATION. |              |
| FORMATION DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                                  | TOP                                                                        | BOTTOM                                                                  | NAME         |
| Limestone                                                                                                                                                                                                                              | 338                                                                        | 390                                                                     | Bartlesville |
| Limestone                                                                                                                                                                                                                              | 800                                                                        | 820                                                                     |              |
| Oil Sand/Shale                                                                                                                                                                                                                         | 1010                                                                       | 1022                                                                    |              |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.                                                                                                                                                                          |                                                                            |                                                                         |              |
| Date Received                                                                                                                                                                                                                          | Signature<br><i>Douglas L. Keneb</i><br>Partner<br>Title<br>5-1-81<br>Date |                                                                         |              |