

KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOG

*State Geological Survey*  
WICHITA BRANCH

19-25-14E

S. 19 T. 25 R. 14

API No. 15 — 207 — 23101  
County Number

Loc. 1,155' FSL / 35' FWL / SW/4  
County Woodson

Operator  
BIRD & HANLEY

Address  
R. 1, Box 82, Toronto, Kansas 66777

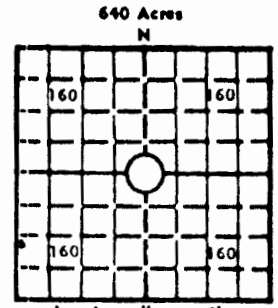
Well No. 49      Lease Name Akins

Footage Location  
1,155' FSL / 35' FWL / SW/4  
feet from (N) (S) line      feet from (E) (W) line

Principal Contractor Alco Drilling Co.      Geologist

Spud Date 9-30-1981      Date Completed 10-02-1981      Total Depth 1,525'      P.B.T.D.

Directional Deviation      Oil and/or Gas Purchaser



Elev.: Gr. 993'  
DF \_\_\_\_\_ KB \_\_\_\_\_

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 Pipe      | 9"                | 7"                        | 17#             | 41'6"         | Regular     | 10    |                            |
|                   |                   |                           |                 |               |             |       |                            |
|                   |                   |                           |                 |               |             |       |                            |
|                   |                   |                           |                 |               |             |       |                            |

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

| Size | Setting depth | Pecker set at |
|------|---------------|---------------|
|      |               |               |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
|                                  |                        |
|                                  |                        |
|                                  |                        |

INITIAL PRODUCTION

Date of first production      Producing method (flowing, pumping, gas lift, etc.)

| RATE OF PRODUCTION PER 24 HOURS | Oil   | Gas | Water | Gas-oil ratio |
|---------------------------------|-------|-----|-------|---------------|
|                                 | bbls. | MCF | 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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator BIRD & HANLEY DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: DRY HOLE

Well No. 49 Lease Name Akins

S 19 T 25 R 14 E XX 1,155' FSL / 35' FWL / SW/4

**WELL LOG**

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, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP  | BOTTOM | NAME | DEPTH |
|---------------------------------------|------|--------|------|-------|
| Soil                                  | 0    | 3      |      |       |
| Clay                                  | 3    | 8      |      |       |
| Lime                                  | 8    | 20     |      |       |
| Shale                                 | 20   | 37     |      |       |
| Shale with lime streaks               | 37   | 48     |      |       |
| Sand                                  | 48   | 78     |      |       |
| Shale with lime breaks                | 78   | 290    |      |       |
| Shale                                 | 290  | 342    |      |       |
| Lime                                  | 342  | 449    |      |       |
| Shale with lime streaks               | 449  | 488    |      |       |
| Lime                                  | 488  | 622    |      |       |
| Shale                                 | 622  | 666    |      |       |
| Lime                                  | 666  | 716    |      |       |
| Sandy lime                            | 716  | 723    |      |       |
| Lime with shale breaks                | 723  | 819    |      |       |
| Shale with lime breaks                | 819  | 985    |      |       |
| Lime                                  | 985  | 1007   |      |       |
| Shale                                 | 1007 | 1015   |      |       |
| Sandy shale with shale                | 1015 | 1053   |      |       |
| Sand                                  | 1053 | 1066   |      |       |
| Sandy shale                           | 1066 | 1080   |      |       |
| Lime with shale breaks                | 1080 | 1166   |      |       |
| Shale                                 | 1166 | 1241   |      |       |
| Gray sandstone                        | 1241 | 1243   |      |       |
| Shale                                 | 1243 | 1400   |      |       |
| Gray sand                             | 1400 | 1402   |      |       |
| Sandy shale                           | 1402 | 1404   |      |       |
| Sand                                  | 1404 | 1416   |      |       |
| Shale                                 | 1416 | 1428   |      |       |
| Black shale                           | 1428 | 1430   |      |       |
| Shale                                 | 1430 | 1507   |      |       |
| Miss lime                             | 1507 | 1518   |      |       |
| Break                                 | 1518 | 1525   |      |       |

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

|               |                                |
|---------------|--------------------------------|
| Date Received | Signature<br><i>C. E. Bird</i> |
|               | Co-Owner<br>Title              |
|               | Date                           |

10-92-116