

**IMPORTANT**  
Kans. Geo. Survey request  
samples on this well.

**KANSAS DRILLERS LOG**

S. 17 T. 24 R. 40  $\frac{1}{4}$  W

Loc. C NE SW

API No. 15 — 075 — 20,159  
County Number

County Hamilton

Operator  
Computer Petroleum Exploration Co.

Address  
1600 Broadway, Denver, CO 80202

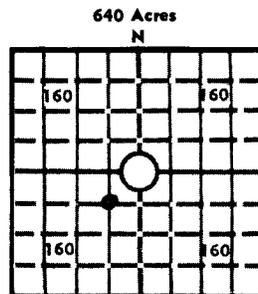
Well No. #1 Lease Name Morrell, et al

Footage Location  
1980 feet from (N) (S) line 1980 feet from (E) (W) line

Principal Contractor Wakefield Drilling Geologist Bob Higginbottom

Spud Date 10-13-76 Total Depth 2400' P.B.T.D. 2370'

Date Completed Oil Purchaser



MAY 18 1977

Elev.: Gr. 3212

DF \_\_\_\_\_ KB 3220

**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           | 12 1/4"           | 8-5/8"                    | 20             | 326           | Class H     | 325   | 3% CaCl <sub>2</sub>       |
| Production        | 7-7/8"            | 4 1/2"                    | 9.5            | 2398          | Class H     | 500   | 10% salt                   |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |

**LINER RECORD**

**PERFORATION RECORD**

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              | 1             | -           | 2316-28        |

**TUBING RECORD**

| Size  | Setting depth | Packer set at |
|-------|---------------|---------------|
| 2-3/8 | 2330          |               |

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

| Amount and kind of material used                               | Depth interval treated |
|--|------------------------|
| Acidize w/500 gals 15% HCl                                     | 2316-28                |
| Frac w/22,600 gals gelled 2% HCl water<br>+ 13,500# 20/40 sand | 2316-28                |

**INITIAL PRODUCTION**

|   |          |   |  |                    |      |
|---|----------|---|--|--------------------|------|
| Date of first production<br><u>12-9-76</u>  |          | Producing method (flowing, pumping, gas lift, etc.)<br><u>Pumping</u> |  |                    |      |
| RATE OF PRODUCTION PER 24 HOURS   | Oil<br>- | Gas<br>125 bbls.  | Water<br>30 MCF                                | Gas-oil ratio<br>- | CFPB |
| Disposition of gas (vented, used on lease or sold)<br><u>Shut-in pending market</u> |          |   | Producing interval(s)<br><u>Upper Winfield</u> |                    |      |

**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

Computer Petroleum Exploration

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas well

Well No. 1

Lease Name Morrell

S 17 T 24 R 40 W

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 |
|---------------------------------------|-----|--------|--------------|-------|
| Anhydrite                             |     |        | Stone Corral | 1810  |
| Sandstone                             |     |        | Herrington   | 2231  |
| Sandstone                             |     |        | Kride        | 2260  |
| Sandstone - 1my                       |     |        | Winfield     | 2308  |

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

Date Received

W. E. Babzakh

Signature

District Engineer

Title

February 7, 1977

Date