

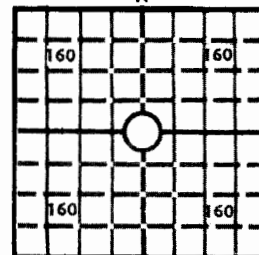
WICHITA BRANCH

## KANSAS DRILLERS LOG

API No. 15 — 009 — 21314  
County NumberS. 22 T. 18S R. 13W<sup>E</sup><sub>W</sub>

Loc. 100'E of C NW SE NW

County Barton

640 Acres  
N

Locate well correctly

Elev.: Gr. 1812 (Est)

DF KB

Operator

Benson Mineral Group, Inc.

Address

1400 Metrobank Bldg, 475 17th St. Denver, Co. 80202

Well No.

5-22

Lease Name

Tindall

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

B &amp; N Drilling

Geologist

Lee H. Cornell

Spud Date

1/26/78

Total Depth

3313

P.B.T.D.

Date Completed

2/2/78

Oil Purchaser

UPG, 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           | 12 $\frac{1}{4}$  | 8-5/8                     | 24#            | 497           | Common         | 300   | 2% 3%                      |
| Production        | 7-7/8             | 5 $\frac{1}{2}$           | 24#            | 3305KB        | 60/100 poz mix | 100   | 40 - 60                    |
| Not logged        |                   |                           |                |               |                |       |                            |

## LINER RECORD

## PERFORATION RECORD

| Top, ft.      | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type | Depth interval |
|---------------|---------------|---------------|---------------|-------------|----------------|
| TUBING RECORD |               |               | Open hole.    |             |                |
| Size          | Setting depth | Packer set at |               |             |                |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| Dumped 1/2 drum acid             | 3310-3313'             |
|                                  |                        |
|                                  |                        |

## INITIAL PRODUCTION

|                                                    |                                                     |          |                       |               |      |
|----------------------------------------------------|-----------------------------------------------------|----------|-----------------------|---------------|------|
| Date of first production                           | Producing method (flowing, pumping, gas lift, etc.) |          |                       |               |      |
| 2/23/78                                            | Pumping                                             |          |                       |               |      |
| RATE OF PRODUCTION PER 24 HOURS                    | Oil                                                 | Gas      | Water                 | Gas-oil ratio |      |
|                                                    | 15 bbls.                                            | TSTM MCF |                       | bbls.         | CFPB |
| Disposition of gas (vented, used on lease or sold) |                                                     |          | Producing interval(s) |               |      |
|                                                    |                                                     |          | 3310-3313'            |               |      |

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<br><b>Benson Mineral Group, Inc.</b>                                                                                                                                                                       |                                                                                                                                                                                                                                                                         | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.:             |       |
| Well No.<br>5-22                                                                                                                                                                                                    | Lease Name<br>Tindall                                                                                                                                                                                                                                                   | Oil                                                                     |       |
| S <u>22</u> T <u>18</u> S <u>R 13</u> W <u>E</u><br>W                                                                                                                                                               |                                                                                                                                                                                                                                                                         |                                                                         |       |
| <b>WELL LOG</b>                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                         | SHOW GEOLOGICAL MARKERS, LOGS RUN,<br>OR OTHER DESCRIPTIVE INFORMATION. |       |
| 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. |                                                                                                                                                                                                                                                                         |                                                                         |       |
| FORMATION DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                               | TOP                                                                                                                                                                                                                                                                     | BOTTOM                                                                  | NAME  |
|                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                         |                                                                         | DEPTH |
| sand/shale<br>shale/red bed<br>shale<br>shale/lime<br>lime/shale                                                                                                                                                    | 0<br>513<br>709<br>1965<br>2705                                                                                                                                                                                                                                         | 513<br>709<br>1965<br>2705<br>3313                                      |       |
| DST #1: (3299-3312) Rec 90' muddy oil,<br>120' clean oil, 240' oil cut mud. Times<br>33 min, 34 min, 55 min, 60 min. ISI 783,<br>FSI 734, IF 50-101, FF 141-178                                                     |                                                                                                                                                                                                                                                                         |                                                                         |       |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.                                                                                                                                                       |                                                                                                                                                                                                                                                                         |                                                                         |       |
| Date Received                                                                                                                                                                                                       | <div style="text-align: center;"> <br/>           Signature<br/>           Production Manager<br/>           Title<br/>           March 10, 1978<br/>           Date         </div> |                                                                         |       |

EE7801