

**KANSAS DRILLERS LOG**

API No. 15 —————  
 County \_\_\_\_\_ Number \_\_\_\_\_

Operator  
 John O. Farmer, Inc.

Address  
 P.O. Box 352, Russell, Kansas 67665

Well No. \_\_\_\_\_ Lease Name  
 1 WALSH #1

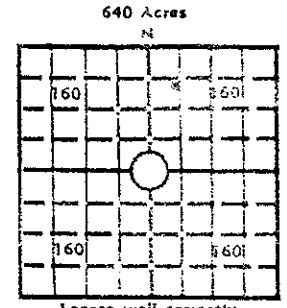
Footage Location  
 810 feet from (N) line 510 feet from (W) line

Principal Contractor \_\_\_\_\_ Geologist  
 John O. Farmer, Inc. James Reeves

Spud Date \_\_\_\_\_ Total Depth \_\_\_\_\_ P.B.T.D. \_\_\_\_\_  
 1-7-77 4160 4100

Date Completed \_\_\_\_\_ Oil Purchaser \_\_\_\_\_  
 1-21-77 Koch Oil Co.

S. 22 T. 1S R. 32W E  
 150'S & 150'W of  
 Loc. C NW NE  
 County Rawlins



Locate well correctly  
 Elev.: Gr. 2972  
 DF 2975 KB 2977

**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           | 12½               | 8-5/8                     | 26             | 313'          | Common      | 175   |                            |
| Production        | 7-7/8             | 4½                        | 10½            | 4157'         | Common      | 150   |                            |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |

**LINER RECORD**

**PERFORATION RECORD**

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              | 4             | DP Jets     | 4091-96        |

**TUBING RECORD**

| Size | Setting depth | Pecker set at |
|------|---------------|---------------|
| 2"   | 4090          |               |

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

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 2000 gal. 15% HCL                | 4091-96                |
|                                  |                        |
|                                  |                        |

**INITIAL PRODUCTION**

|  |                 |  |                                  |                    |      |
|--|-----------------|--|----------------------------------|--------------------|------|
| Date of first production<br>2-4-77                         |                 | Producing method (flowing, pumping, gas lift, etc.)<br>Pumping |                                  |                    |      |
| RATE OF PRODUCTION PER 24 HOURS                            | Oil<br>50 bbls. | Gas<br>0 MCF   | Water<br>0 bbls.                 | Gas-oil ratio<br>0 | CFPB |
| Disposition of gas (vented, used on lease or sold)<br>none |                 |  | Producing interval(s)<br>4091-96 |                    |      |

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>John O. Farmer, Inc. |                        | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.: |
| Well No.<br>1                    | Lease Name<br>WALSH #1 | Oil   |
| S 22 T 1 S R 32 W <sup>E</sup> 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        |
|---|------|--------|-----------|--------------|
| Shale & Sand  | 307  | 1725   | LOG TOPS: |              |
| Shale   | 1725 | 2185   | Oread     | 3868' (-89)  |
| Shale & Shells  | 2185 | 2425   | Heebner   | 3880' (-90)  |
| Shale & Sand  | 2425 | 2565   | Lansing   | 3914' (-91)  |
| Red Bed   | 2565 | 2763   | Base/K.C. | 4148' (-100) |
| Anhydrite   | 2763 | 2804   | L.T.D.    | 4160' (-102) |
| Shale & Lime  | 2804 | 3680   | R.T.D.    | 4160'        |
| Lime & Shale  | 3680 | 3920   |           |              |
| Lime  | 3920 | 4160   |           |              |
| <p>DST #1 3970' to 4010'<br/> Tool open 30-30-60-60; strong blow<br/> Rec: 70' gas; 5' oil; 15' heavy<br/> oil cut mud; 270' gas &amp; oil cut<br/> muddy water 10% oil; 180' slightly<br/> oil cut muddy water 5% oil; 120'<br/> water.<br/> IFP: 51-162 FFP: 188-308<br/> IBHP: 445 FBHP: 436</p> <p>DST #2 4060' to 4100'<br/> Tool open 45-45-60-60; strong blow<br/> Rec: 720' gas; 370' clean gasey<br/> oil; 270' muddy oil (50% oil)<br/> IFP: 59-162 FFP: 172-265<br/> IBHP: 772 FBHP: 746</p> |      |        |           |              |

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

|               |                                    |
|---------------|------------------------------------|
| Date Received | <i>John O. Farmer</i><br>Signature |
|               | Vice-President<br>Title            |
|               | February 4, 1977<br>Date           |
|               |                                    |