

6-30-75

13-35-15W

## KANSAS DRILLERS LOG

State Geological Survey  
WICHITA, BRANCHAPI No. 15 — 007 — 20,328  
County Number

S. 13 T. 35 R. 15 NE W

Loc. NE NE NE

County Barber

Operator

Imperial Oil Co.

Address

720 Fourth Financial Center Wichita, Kansas 67202

Well No.

#1-F

Lease Name

Davis Ranch

Footage Location

330

feet from (N) line

330

feet from (E) line

Principal Contractor

Red Tiger

Geologist

Lee Poulsen &amp; Ed Donnelly

Spud Date

May 15, 1975

Total Depth

4967

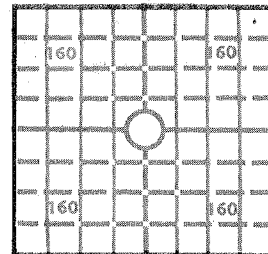
P.B.T.D.

Date Completed

May 30, 1975

Oil Purchaser

Permian

640 Acres  
N

Locate well correctly

1514

Elev.: Gr.

1517

1519

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           | 12½               | 8 5/8                     | 20#            | 844           | Holcolite Common | 200<br>200 | 3% CaCl                         |
| Production        | 7 7/8             | 4½                        |                | 4952          |                  | 125        | 10% salt<br>12½#/sx. gilso-nite |
|                   |                   |                           |                |               |                  |            |                                 |
|                   |                   |                           |                |               |                  |            |                                 |

## LINER RECORD

## PERFORATION RECORD

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

## TUBING RECORD

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
|      |               |               |

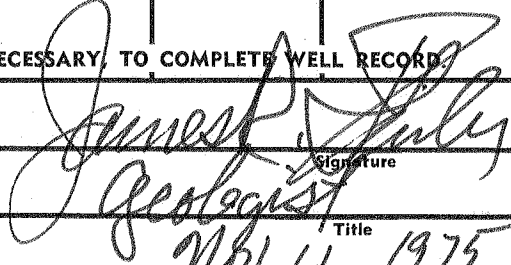
## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used               | Depth interval treated |
|------------------------------------------------|------------------------|
| 500 gal. 15% MCA; frac. 20,000 gal. 5% Ac. Wtr | open hole              |
| 18,000# 20-40 sd.                              |                        |
|                                                |                        |

## INITIAL PRODUCTION

|                                                            |                    |                                                                |                                     |                       |  |
|------------------------------------------------------------|--------------------|----------------------------------------------------------------|-------------------------------------|-----------------------|--|
| Date of first production                                   |                    | Producing method (flowing, pumping, gas lift, etc.)<br>Pumping |                                     |                       |  |
| RATE OF PRODUCTION<br>PER 24 HOURS                         | Oil<br>48<br>bbls. | Gas<br>82.7<br>MCF                                             | Water<br>7<br>bbls.                 | Gas-oil ratio<br>CFPB |  |
| Disposition of gas (vented, used on lease or sold)<br>sold |                    |                                                                | Producing interval (s)<br>open hole |                       |  |

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 <b>Imperial Oil Company</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                       | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.:                     |                                                                                                                                                 |
| Well No. <b>#1-F</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lease Name <b>Davis</b>                                                                                                                                                                                                               | <b>Oil and Gas</b>                                                              |                                                                                                                                                 |
| S <u>13</u> T <u>35</u> R <u>15</u> <del>W</del>                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                       |                                                                                 |                                                                                                                                                 |
| <b>WELL LOG</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                       | <b>SHOW GEOLOGICAL MARKERS, LOGS RUN,<br/>OR OTHER DESCRIPTIVE INFORMATION.</b> |                                                                                                                                                 |
| 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                                                                                                                                            |
| <p>DST #1 - 4882-4905 (Cherokee)<br/> 30, 60, 30, 60; rec. 10' mud;<br/> BHT 121°F; CIP 51#-37#;<br/> FP 31#-32#; 38#-35#</p> <p>DST #2 - 4907-26 Packer Failure</p> <p>DST #3 - 4928-52 (Miss.)<br/> 60, 120, 60, 120; rec. 30' mud<br/> w/SSO; CIP 180#-156#;<br/> FP 50#-43#; 43#-42#</p> <p>DST #4 - 4952-67 (Miss.)<br/> 60, 120, 180, 120; rec. 50' MO,<br/> 60' frothy oil; GTS 38';<br/> Stab. @6,390 CF; CIP 1800#-1655#<br/> FP 32#-38# - 34#-62#</p> |                                                                                                                                                                                                                                       |                                                                                 | <p>Heebner 4012<br/> Toronto 4024<br/> Lansing 4206<br/> B/K. C. 4734<br/> Cherokee 4864<br/> Rew-Miss. 4908<br/> Miss. 4926<br/> T.D. 4967</p> |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                       |                                                                                 |                                                                                                                                                 |
| Date Received                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <div style="text-align: right; margin-right: 50px;"> <br/> _____<br/> Geologist<br/> _____<br/> Title<br/> _____<br/> Date<br/> 11/11/1975 </div> |                                                                                 |                                                                                                                                                 |

3-32-12M

DRILLERS LOG

13-35-15W

No. 1 Davis "P"

CASING RECORD:

8-5/8" @ 844'  
w/400 sx. cmt.

4-1/2" @ 4952'  
w/125 sx. cmt.

TOTAL DEPTH: 4967'

COMPANY:

Imperial Oil Co.

CONTRACTOR:

Red Tiger Drilling Co.

COMMENCED:

May 15, 1975

COMPLETED:

May 31, 1975

DESCRIPTION:

NE NE NE  
13-35S-15W  
Barber County,  
Kansas

ELEVATION: 1519' K.B.

| <u>FORMATION</u> | <u>FROM</u> | <u>TO</u> | <u>REMARKS</u> |
|------------------|-------------|-----------|----------------|
| Open Hole        | 0           | 60        |                |
| Cement           | 60          | 70        |                |
| Surface Hole     | 70          | 435       |                |
| Shale & Sand     | 435         | 748       |                |
| Shale            | 748         | 1865      |                |
| Lime & Shale     | 1865        | 2035      |                |
| Lime             | 2035        | 2380      |                |
| Lime & Shale     | 2380        | 3420      |                |
| Lime             | 3420        | 4967      |                |

I certify that this is a true and correct copy of the above log to the best of my knowledge.

RED TIGER DRILLING COMPANY

Linda H. Dickens  
Linda H. Dickens

Subscribed and sworn to before me this 5th day of June, 1975.

D. Ann Brennan  
Notary Public

My Commission Expires:

December 28, 1977