

WELL COMPLETION REPORT AND DRILLER'S LOG

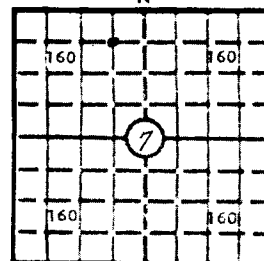
State Geological Survey
KANSAS
WICHITA BRANCH

API No. 15 — 155 — 20,667
County Number

S. 7 T. 23S R. 9 W SEP
Loc. NE NW

County Reno

640 Acres
N



Locate well correctly
Elev.: Gr. 1739'

DF --- KB 1744'

| | | | |
|--|-----------------------------------|---------------------------------|-------------------|
| Operator TENNECO OIL COMPANY | | | |
| Address 3000 United Founders Blvd. Okla. City, OK 73112 | | | |
| Well No. 1-7 | Lease Name Burns | | |
| Footage Location 660 feet from (N) line 1980 feet from (W) line | | | |
| Principal Contractor H-30, Inc. | | Geologist Joe W. Scheiffelin | |
| Spud Date May 24, 1981 | Date Completed October 8, 1981 | Total Depth 3704' | P.B.T.D. 3655' |
| Directional Deviation | | Oil and/or Gas Purchaser N/A | |

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" | 24# | 266' | Common | 200 | 3% C.C. 2% Gel |
| Production | 7-7/8" | 5-1/2" | 15.5# | 3703' | 60/40 Poz | 225 | 2% Gel 10% Salt |
| | | | | | 50/50 Poz | 50 | 2% Gel 8# Gilsomite |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| | | | 2 | 4" Gun | 3580-92' |

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

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|---|------------------------|
| 700 Gal. 15% MCA | 3580-92 |
| 2200 Gal. 15% MCA | 3580-92 |
| 19000 Gal. Gel Wtr. plus 18000# 20/40 Sd. | 3655-3704 |

INITIAL PRODUCTION

| | | | |
|--|------------------|--|--------------------|
| Date of first production August 14, 1981 | | Producing method (flowing, pumping, gas lift, etc.) Flowing | |
| RATE OF PRODUCTION PER 24 HOURS | Oil --- bbls. | Gas 183 MCF | Water --- bbls. |
| Disposition of gas (vented, used on lease or sold) | | Producing interval(s) Mississippi 3580-92 | |

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 | | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: |
| Well No. 1-7 | Lease Name Burns | Gas |
| S 7 T 23S R 9 W | | |

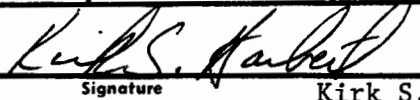
WELL LOG

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 |
|---------------------------------------|------|--------|----------|-------|
| Sand-Clay | 0 | 205 | Logs Run | |
| Red Bed | 205 | 270 | DLL-MSFL | |
| Sand & Shale | 270 | 465 | FDC-CNL | |
| Shale | 465 | 1470 | | |
| Shale & Lime | 1470 | 1800 | | |
| Lime & Shale | 1800 | 2280 | | |
| Shale | 2280 | 2480 | | |
| Lime & Shale | 2480 | 2855 | | |
| Shale | 2855 | 2955 | | |
| Lime & Shale | 2955 | 3210 | | |
| Lime | 3210 | 3615 | | |
| Lime & Shale | 3615 | 3704 | | |
| RTD | | 3704 | | |

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

| | |
|---------------|---|
| Date Received | <div> <div></div> <div>Signature</div> <div>Kirk S. Harbert</div> <div>Analyst</div> <div>Title</div> <div>10-15-81</div> <div>Date</div> </div> |
|---------------|---|

COMPANY Tenneco Oil Company

FARM Burns NO. 1-7

SEC. 7 T. 23S R. 9W
LOC. 1980' FWL - 660' FNL

ROTARY TOTAL DEPTH 3704'
COMM. May 24, 1981
CONTRACTOR H-30, INC.
ISSUED June 12, 1981

COMP. June 2, 1981

10 3/4"
8 5/8" Set at 266' - w/200 sxs cement
5 1/2" Set at 3703 - w/275 sxs cement
4 1/2"

ELEVATION 1739 gr

FIGURES INDICATE BOTTOM OF FORMATIONS

| | |
|----------------|-------|
| Sand - Clay | 205' |
| Red Bed | 270' |
| Sand and Shale | 465' |
| Shale | 1470' |
| Shale and Lime | 1800' |
| Lime and Shale | 2280' |
| Shale | 2480' |
| Lime and Shale | 2855' |
| Shale | 2955' |
| Lime and Shale | 3210' |
| Lime | 3615' |
| Lime and Shale | 3704' |
| RTD | 3704' |

I hereby certify the above and foregoing to be a true and correct log of the above described well as shown by the drilling reports.

Gary Younger

State of Kansas)
County of Sedgwick) ss

Subscribed and Sown to before me, a Notary Public, in and for said
county and state this 12th day of June 1981.