

State Geological Survey
WICHITA BRANCH

15-065-2112

KANSAS DRILLERS LOG

S. 22 T. 9S R. 23W ^E/_W
 Loc. NE/4 NE/4 NE/4
 County Graham

API No. 15 — 065 — 21,112
 County Number

Operator
Frontier Oil Company

Address
1720 KSB&T Building, Wichita, Kansas 67202

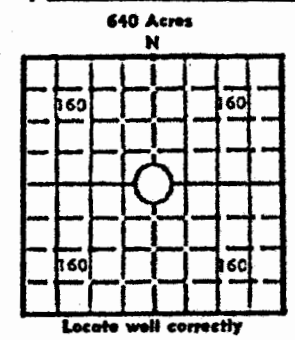
Well No. 1 Lease Name Riffel "A"

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

Principal Contractor Red Tiger Drilling Co. Geologist Richard Parker

Spud Date April 16, 1979 Total Depth 3,925' P.B.T.D. _____

Date Completed April 28, 1979 Oil Purchaser _____



Elev.: Gr. _____
 DF _____ KB 2,340'

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 | Socks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
| Surface | 12 1/4" | 8 5/8" | | 264' | Common | 185 | 2% Gel, 3% C.C. |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

| Size | Setting depth | Pecker set at |
|------|---------------|---------------|
| | | |
| | | |
| | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| | |
| | |
| | |
| | |

INITIAL PRODUCTION

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____

| RATE OF PRODUCTION PER 24 HOURS | Oil | Gas | Water | Gas-oil ratio |
|---------------------------------|-------|-----|-------|---------------|
| | bbls. | MCF | bbls. | CFPB |

Disposition of gas (vented, used on lease or sold) _____ Producing interval (s) _____

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator

Frontier Oil Company

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

D & A

Well No.

1

Lease Name

Riffel "A"

22-9-23W

S 22 T 9S R 23W E 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 |
|---------------------------------------|------|--------|------|-------|
| Surface Clay | 0 | 35 | | |
| Sand & Gravel | 35 | 40 | | |
| Sand & Shale | 40 | 270 | | |
| Shale & Sand | 270 | 1318 | | |
| Shale | 1318 | 1480 | | |
| Sand | 1480 | 1695 | | |
| Red Bed & Shale | 1695 | 1960 | | |
| Anhydrite | 1960 | 1990 | | |
| Shale & Red Bed | 1990 | 2030 | | |
| Shale & Lime | 2030 | 2465 | | |
| Shale & Lime Streaks | 2465 | 2763 | | |
| Lime & Shale | 2763 | 3341 | | |
| Lime | 3341 | 3925 | | |
| RTD | | 3925 | | |

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

Date Received

D. Danie V. Staw

Signature

Office Manager

Title

May 11, 1979

Date