

KANSAS DRILLERS LOG

API No. 15 — 167 — 21008
 County Number

S. 8 T. 12^S R. 15^W E
 W
 Loc. C NE SW
 County Russell

Operator
Sohio Petroleum Co.

Address
Box 673 Russell, Kansas 67665

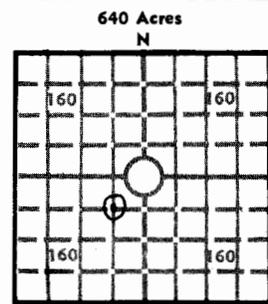
Well No. #10 Lease Name Ed Oswald "A"

Footage Location
660 feet from (N) line 660 feet from (E) line

Principal Contractor Shields Drilling Co., Inc. Geologist Francis Whisler

Spud Date 2-10-77 Total Depth 3217' P.B.T.D. —

Date Completed 3-7-77 Oil Purchaser Sohio Petroleum Company



Elev.: Gr. 1823'
 DF — KB 1828'

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 | 15" | 10 3/4" | 32.75# | 129' | 60-40 Poz "A" | 100 75 | 2% Gel, 3% CC, 10# Gil/sx, 3% CC |
| Production | 9 7/8" | 7" | 22 & 23 | 3214' | Howcolite 50-50 Poz | 200 200 | 18% Salt, 10# Gil. 3/4% CFR-2/sx |
| | | DV Tool at | | 894' | Howcolite | 250 | 10# Gilsonite/sx |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| None | | | None | | |

| TUBING RECORD | | |
|---------------|---------------|---------------|
| Size | Setting depth | Packer set at |
| 2 7/8" | 3214' | None |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| None | |

INITIAL PRODUCTION

| | |
|---|---|
| Date of first production <u>3-8-77</u> | Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u> |
| RATE OF PRODUCTION PER 24 HOURS | Oil <u>22</u> bbls. Gas <u>0</u> MCF Water <u>1</u> bbls. Gas-oil ratio <u>0</u> CFPB |
| Disposition of gas (vented, used on lease or sold) <u>None</u> | Producing interval (s) <u>Open Hole: Arbuckle 3214-17'</u> |

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

Well No. 10 Lease Name Ed Oswald "A" Oil

S 8 T 12S R 15 ^R_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 |
|---|-----|--------|---------------------------|-------|
| Cored 3rd Tarkio 2434-51' No DST. Logs: GR-Neutron-Laterolog Caliper GR-Cement Bond w/Collar Locator TD: 3217' Drilled out DV tool, shoe, etc. Cleaned out to TD 3217', put on pump Open Hole, Arbuckle 3214-17' | | | Grand Haven | 2334' |
| | | | Dover Lime | 2367' |
| | | | Langdon | 2370' |
| | | | Tarkio Lime | 2407' |
| | | | 3rd Tarkio Sd Interval | 2439' |
| | | | Elmont | 2461' |
| | | | Topeka | 2649' |
| | | | Heebner | 2870' |
| | | | Toronto | 2890' |
| | | | L-KC | 2923' |
| | | | Arbuckle | 3214' |

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

| | |
|---------------|----------------------------------|
| Date Received | <u>W. H. Ward</u> Signature |
| | District Superintendent Title |
| | March 30, 1977 Date |
| | |

98066