

WICHITA BRANCH

15-059-20648

KANSAS DRILLERS LOG

S. 19 T. 16 R. 21 E W

API No. 15 — 059 County — 20,648 Number

Loc. NW SE SW SE SW SW -KCC

County Franklin

640 Acres N

Operator Rader Oil Co.

Address Route #1 Eudora, Kansas 66025

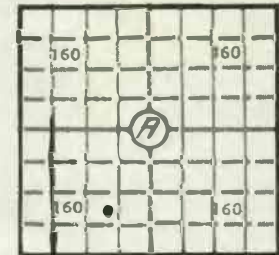
Well No. #8 Lease Name Slaven

Footage Location 880 feet from (E) (S) line 661 FSL: 3555 FEL-KCC 960 feet from (E) (W) line

Principal Contractor Kent Drilling Co. Geologist Dick Rader

Spud Date Nov. 25, 1978 Total Depth 740 P.B.T.D.

Date Completed June 18, 1979 Oil Purchaser Bluebird Oil Co.



Elev.: Gr.

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 | Socks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
| Surface | 10 | 7 | 18 | 35 | common | 9 | none |
| Production | 6 1/4 | 4 1/2 | 10.5 | 731 | Pozmix | 100 | Salt, gel. Poz., Flo-seal |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Socks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| | | | 1 | 1/2 Jet | 703-707 |

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
| 2" | 700 | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 60 sx. sand 120 BO. | 703-707 |
| | |
| | |

INITIAL PRODUCTION

| | |
|--|--|
| Date of first production June 18, 1979 | Producing method (flowing, pumping, gas lift, etc.) Pumping |
| RATE OF PRODUCTION PER 24 HOURS | Oil 5 bbls. Gas 0 MCF Water 12 bbls. Gas-oil ratio CFPB |
| Disposition of gas (vented, used on lease or sold) | Producing interval (s) 703-707 |

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

Hader Oil Co.

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

Oil

Well No.

8

Lease Name

Slaven

S19 T 16 R 21 E
XX

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 |
|---------------------------------------|-----|--------|----------|---------|
| Soil & Clay | 0 | 7 | | |
| Lime | 7 | 23 | | |
| Shale | 23 | 29 | | |
| Lime | 29 | 38 | | |
| Shale | 38 | 44 | | |
| Lime | 44 | 58 | | |
| Shale | 58 | 101 | | |
| Lime | 101 | 134 | | |
| Shale | 134 | 198 | | |
| Lime | 198 | 222 | | |
| Shale | 222 | 276 | | |
| Lime | 276 | 287 | | |
| Shale | 287 | 312 | | |
| Lime | 312 | 343 | | |
| Shale | 343 | 346 | | |
| Lime | 346 | 370 | | |
| Shale | 370 | 373 | | |
| Lime | 373 | 385 | | |
| Shale | 385 | 534 | | |
| Lime | 534 | 550 | | |
| Shale | 550 | 554 | | |
| Lime | 554 | 565 | | |
| Shale | 565 | 599 | | |
| Lime | 599 | 604 | | |
| Shale | 604 | 616 | | |
| Lime | 616 | 621 | | |
| Shale | 621 | 632 | | |
| Lime | 632 | 634 | | |
| Shale | 634 | 647 | | |
| Sand | 647 | 654 | Squirrel | 647-654 |
| Shale | 654 | 696 | | |
| Lime | 696 | 699 | | |
| Sand | 699 | 708 | Squirrel | 699-708 |
| Shale | 708 | 740 TD | | |

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

Date Received

Richard Rader

Signature

Owner

Title

Nov. 13, 1979

Date