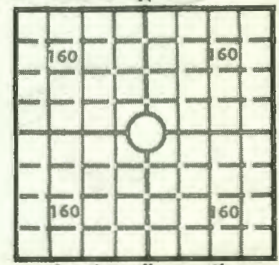


KANSAS DRILLERS LOG

S. 30 T. 27 R. 22 E
 Loc. SE-NE NW
 County Crawford
 640 Acres
 N



API No. 15 — 037 — 20,264
 County Number

Operator
 George A. Hoffman

Address
 P. O. Box 483 Chanute, Kansas 66720

Well No. #H-8 Lease Name Albert Elmer

Footage Location
 305 feet from (N) line 300 feet from (E) line of Sec.

Principal Contractor Way Drilling Co. Geologist Harold Krueger

Spud Date April 2, 1977 Total Depth 619 P.B.T.D.

Date Completed April 4, 1977 Oil Purchaser Mid-America

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 | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
| Surface | | 6 1/4 | | 30' | | | |
| Casing | 5 1/4" | 2" | | 618' | Portland | 90 | |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|---------------|---------------|-----------------------|-------------|----------------|
| | | | 15 holes from 590-604 | | |
| Size | Setting depth | Packer set at | | | |
| 1" | 590' | | | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 25 bags sand with gelled water | 590-604 |
| | |
| | |

INITIAL PRODUCTION

| | |
|--|--|
| Date of first production 4/28/77 | Producing method (flowing, pumping, gas lift, etc.) Pumping |
| RATE OF PRODUCTION PER 24 HOURS | Oil 5 bbls. Gas MCF Water 8 bbls. Gas-oil ratio CFPB |
| Disposition of gas (vented, used on lease or sold) | Producing interval (s) 590-602 |

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 **Geo. A. Hoffman** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **oil**

Well No. **H-8** Lease Name **Albert Elmer**

S T R 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 |
|---------------------------------------|-----|--------|------|-------|
| Soil & Clay | 0 | 10 | | |
| Slate | 10 | 11 | | |
| Shale | 11 | 24 | | |
| Lime | 24 | 30 | | |
| Sand | 30 | 33 | | |
| Shale | 33 | 69 | | |
| Lime | 69 | 82 | | |
| Sand | 82 | 84 | | |
| Lime | 84 | 91 | | |
| Shale | 91 | 97 | | |
| Sand | 97 | 118 | | |
| Shale | 118 | 153 | | |
| Lime | 153 | 158 | | |
| Shale | 158 | 162 | | |
| Lime | 162 | 198 | | |
| Shale | 198 | 250 | | |
| Lime | 250 | 271 | | |
| Shale | 271 | 277 | | |
| Lime | 277 | 282 | | |
| Shale | 282 | 291 | | |
| Sand | 291 | 294 | | |
| Shale | 294 | 397 | | |
| Lime | 397 | 405 | | |
| Shale | 405 | 457 | | |
| Lime | 457 | 487 | | |
| Shale | 487 | 530 | | |
| Sand | 530 | 532 | | |
| Lime | 532 | 534 | | |
| Shale | 534 | 588 | | |
| Lime | 588 | 589 | | |
| Shale | 589 | 591 | | |
| Sand - Oil | 591 | 602 | | |
| Shale | 602 | 619 | | |
| Total Depth | 619 | | | |

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

Date Received _____

Signature Geo. A. Hoffman

Title Owner - Operator

Date May 23, 1977