

KANSAS DRILLERS LOG

STATE GEOLOGICAL SURVEY

API No. 15 — 083 — 20,347
County Number

Operator

Pickrell Drilling Co.

Address 705 Fourth National Bank Building
Wichita, Kansas 67202

Well No.

#1

Lease Name

Hoffman "A"

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Pickrell Drlg Co.

Geologist

Richard Linehan

Spud Date

December 26, 1973

Total Depth

4457'

P.B.T.D.

Date Completed

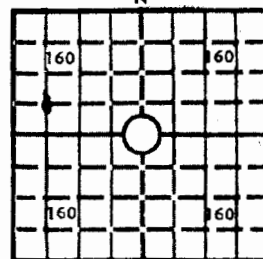
Oil Purchaser

S. 11 T. 22 R. 22 K
W

Loc. C SW NW

County Hodgeman

640 Acres
N



Locate well correctly

Elev.: Gr.

DF KB 2200

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 casing | 8 5/8" | | | 220' | | 150 sx | Common |
| Prod. casing | 5 1/2" | | | 4447' | | 125 sx | 50-50 Pozmix |
| | | | | | | 50 sx | Common |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

| Size | Setting depth | Packer 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 open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

| | | |
|--------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------|
| Operator Pickrell Drilling Company | | DESIGNATE TYPE OF COMP.: OIL, GA. DRY HOLE, SWDW, ETC.: |
| Well No. 1 | Lease Name Hoffman "A" | Oil Well |
| S <u>11</u> T <u>22S</u> R <u>22</u> W ^{XXX} Hodgeman County, Kansas | | |

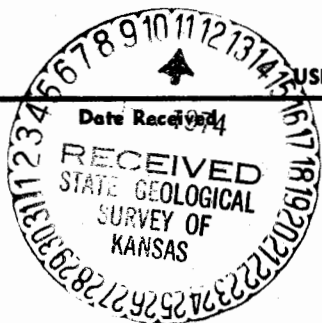
WELL LOG

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 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|----------|-------|
| Top Soil | 0 | 150 | LOG TOPS | |
| Shale | 150 | 815 | SC | 1371 |
| Sand | 815 | 1005 | HEEB | 3774 |
| Shale | 1005 | 1150 | LANS | 3833 |
| Shale & Shell | 1150 | 1371 | MARM | 4206 |
| Anhydrite | 1371 | 1415 | FT SC | 4362 |
| Shale & Shells | 1415 | 1963 | CHER | 4385 |
| Shale | 1963 | 2130 | MISS | 4440 |
| Shale & Lime Stringers | 2130 | 2275 | OSAGE | 4446 |
| Lime & Shale | 2275 | 2930 | LTD | 4455 |
| Shale & Lime Stringers | 2930 | 3090 | RTD | 4457 |
| Shale & Lime | 3090 | 3355 | | |
| Shale | 3355 | 3590 | | |
| Shale & Lime | 3590 | 4439 | | |
| Lime, Mississippi, RTD | 4439 | 4457 | | |
| <p><u>DST No. 1</u>, 4345-4420; Mis-run. Open 30 min; shut in 30 min; open 60 min; shut in 60 min. Weak blow full-time. Rec. 1710' fluid, 671' oil gas cut mud, some free oil settled out of mud. IFP 521-521#; FFP 521-521#; IBHP 1132# - FBHP 1041#; Hydro Press. 2280-2269#; Temp. none.</p> <p><u>DST No. 2</u>, 4345-4420; Open 30 min; shut in 30 min; open 60 min; shut in 60 min; weak blow full-time; Rec. 90' fluid; 30' free oil, 27 gravity; 60' oil cut mud, 15% oil; no water. IFP 31-31#; FFP 41-41#; IBHP 135#; FBHP 135#; Hydro. Press. 2292-2236#; Temp. 122 deg.</p> <p><u>DST No. 3</u>, 4402-4457; Open 30 min; shut in 30 min; open 60 min; shut in 60 min; strong blow full-time. Rec. 1380' fluid; 480' clean oil, 35 gravity; 900' froggy oil gas cut mud, 65% to 75% oil; 3-5% water last two stands. IFP 72-291#; FFP 332-551#; IBHP 1352#; FBHP 1360#; Hyd. Press. 2292-2266#; Temp. 128 deg.</p> | | | | |

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



Signature

Title

Date