

KANSAS DRILLERS LOG

API No. 15 — 007 — 21411
 County Number

*State Geological Survey
 WICHITA, BRANCH*

S. 30 T. 9S R. 23 ^{XX}W
 Loc. SE NW NE
 County Graham

Operator
 Rains & Williamson Oil Co., Inc.

Address
 435 Page Court, 220 W. Douglas, Wichita, Kansas 67202

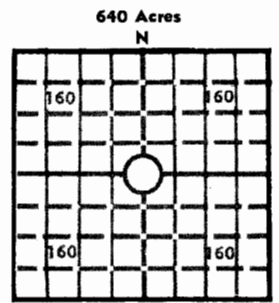
Well No. #1 Lease Name Gano

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

Principal Contractor Geologist
 Rains & Williamson Oil Co., Inc. Charley Shank

Spud Date Total Depth P.B.T.D.
 4-20-81 4090'

Date Completed Oil Purchaser
 4-30-81



Elev.: Gr. 2483
 DF KB 2488

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 |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|---------|----------------------------|
| | 12 1/4" | 8 5/8" | | 276' | 60/40 poz. | 200 sx. | 2% gel, 3% cc. |
| | | 4 1/2" | 10 1/2# | 4089' | RFC Dowell | 150 sx. | |
| | | | | | | | |
| | | | | | | | |

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

Operator **Rains & Williamson Oil Co., Inc.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **Oil**

Well No. **#1** Lease Name **Gano**

S 30 T 9S R 23^{XE} W

WELL LOG

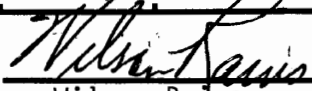
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|---|-----|--------|--------------------|-------------|
| DST #1 - 3856-3886, 30 (30) 60 (60). Rec. 1640' GIP, 740' gassy oil. FP's 76-119, 152-228. IBHP 1083, FBHP 1094. | | | <u>E. LOG TOPS</u> | |
| | | | Anhydrite | 2106 |
| | | | B/Anhydrite | 2143 |
| | | | Heebner | 3787 |
| | | | Toronto | 3812 |
| | | | Lansing | 3828 |
| | | | BKC | 4046 |
| | | | <u>LTD</u> | <u>4087</u> |
| DST #2 - 3885-3916, 30 (30) 60 (60). Rec. 160' VHO&GCM, 120' gassy oil. FP's 54-76, 86-108. IBHP 619, FBHP 629. | | | | |
| DST #3 - 3918-3935, 30 (30) 60 (60). Rec. 2520' GIP, 930' gassy oil. FP's 54-108, 141-217. IBHP 2068, FBHP 2057. | | | | |
| DST #4 - 3964-3992, 30 (30) 30 (30). Rec. 5' mud WOS. All pressures 30. | | | | |
| DST #5 - 3995-4040, 30 (30) 30 (30). Rec. 2' mud w/few specks oil. FP's 32-32, 32-32. IBHP 54, FBHP 32. | | | | |

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

Date Received _____



 Wilson Rains Signature

 President Title

 5-13-81 Date

801099

DRILLER'S LOG

State Geological Survey
WICHITA, BRANCH

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 30 T. 9S R. 23W

WELL NAME: Gano #1

LOC. SE NW NE

COUNTY: Graham

RIG NO. #4

TOTAL DEPTH 4090'

ELEVATION 2483 GL 2488 KB

COMMENCED: 4-20-81

COMPLETED: 4-30-81

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 276' w/200 sx. 60/40 poz., 2% gel, 3% cc.

PRODUCTION: 4 1/2" @ 4089' w/150 sx. RFC Dowell.

LOG

(Figures Indicate Bottom of Formations)

| | |
|---------------------------|-------------|
| Sand & Shale | 294 |
| Shale & Sand | 1850 |
| Shale | 2675 |
| Shale & Lime | 2815 |
| Lime & Shale | 3645 |
| Shale & Lime | 3823 |
| Lime | 4040 |
| Lime & Shale | 4075 |
| Lime | 4090 |
| <u>ROTARY TOTAL DEPTH</u> | <u>4090</u> |

STATE OF Kansas)

SS: