

15-109-20077

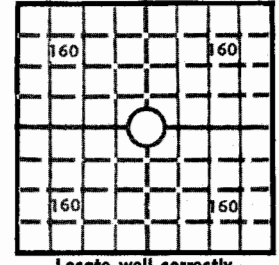
State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

S. 32 T. 11 R. 33W E

Loc. NW NE NE

County Logan

640 Acres
N



Locate well correctly

Elev.: Gr. 3076

DF 3078 KB 3081

API No. 15 — County — Number

Operator
Donald C. Slawson

Address
408 One Twenty Building, Wichita, Kansas 67202

Well No. 1 Lease Name Keller 'B'

Footage Location
330' feet from (N) (SX) line 990 feet from (E) (SY) line

Principal Contractor Slawson Drilling Co., Inc. Geologist Ralph Ruwwe

Spud Date May 26, 1977 Total Depth 4740 P.B.T.D. 4675'

Date Completed 6-17-77 Oil Purchaser KOCH

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 | 12 1/4" | 8 5/8" | 28# | 228' | 60/40 poz | 175 | 2% gel, 3% cc |
| Production | 7 7/8" | 4 1/2" | 10.5# | 4739' | 50/50 poz | 225 | 500 gal mud flush 18% salt, 3/4 of 1% CFR-2, 1C# sugar |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|---------------|---------------|---------------|---------------|-------------|--------------------|
| | | | 2 | golden jets | 4558-62 |
| TUBING RECORD | | | 1 3/8" | bullet | 4219, 4200, 4168 |
| | | | 2 | golden jets | 4217-20, 4198-4202 |
| Size | Setting depth | Packer set at | | | 4168-72 |
| 2 3/8" | 4392 | 4392 | | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 1000 gal MOD-202 | 4558 - 62 |
| 2500 gal NE-28 | 4219, 4200, 4168 |
| | |

INITIAL PRODUCTION

| | | | | |
|--|--|--------------------|---------------------------------------|-----------------------|
| Date of first production 6/23/77 | Producing method (flowing, pumping, gas lift, etc.) Pumping | | | |
| RATE OF PRODUCTION PER 24 HOURS | Oil 113 bbls. | Gas None MCF | Water 55 bbls. | Gas-oil ratio CFPB |
| Disposition of gas (vented, used on lease or sold) | | | Producing interval (s) 4168 - 4220 | |

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 Donald C. Slawson | | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: oil |
| Well No. #1 | Lease Name Keller 'B' | |
| S <u>32</u> T <u>11</u> R <u>33W</u> E <u>W</u> | | |

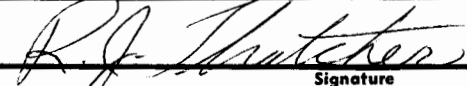
WELL LOG

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 |
|--|----------------|--------------|--------------------|----------------|
| 0 - 231 Surface hole | | | | |
| 231 - 2020 Shale and sand | DST #7 4503- | 4578 (JH ZN) | 30-45-45-60, | SBTO, |
| 2020 - 2557 Shale and shells | Rec. 1625' TF, | 1140' CGO | 24°, 485' MO | (98% O, 2% M) |
| 2557 - 2583 Anhydrite | IFP 93-429#, | ISIP 1053# | FFP 429-643# | FSIP 969# 122° |
| 2583 - 2644 Shale and shells | | | | |
| 2644 - 2934 Lime and shale | | | | |
| 2934 - 3175 Lime | | | | |
| 3175 - 3633 Lime and shale | | | | |
| 3633 - 3850 Lime | | | | |
| 3850 - 4092 Lime and shale | | | | |
| 4092 - 4294 Lime | | | | |
| 4294 - 4400 Lime and shale | | | | |
| 4400 - 4459 Lime | | | | |
| 4459 - 4720 Lime and shale | | | | |
| 4720 - 4740 Lime | | | | |
| 4740 RTD | | | | |
| <u>LOG TOPS</u> | | | | |
| | | | ANH 2557 (+524) | |
| | | | B/ANH 2583 (+498) | |
| | | | HEEB 3972 (-891) | |
| | | | TORO 4001 (-920) | |
| | | | LANS 4018 (-937) | |
| | | | STK 4229 (-1148) | |
| | | | B/KC 4291 (-1210) | |
| | | | PAWN 4429 (-1348) | |
| | | | L/CK 4513 (-1432) | |
| | | | JH ZN 4554 (-1473) | |
| | | | SD 4607 (-1526) | |
| | | | MISS 4645 (-1564) | |
| | | | LTD 4741 (-1660) | |
| DST #1 4078-4105 (70' zn) Pkr failed | | | | |
| DST #2 4070-4105 (70' zn) 30-45-45-60, SBTO, | | | | |
| Rec. 1540' TF, 10' O, 130' OCM, 660' HOCMW | | | | |
| w/slugs of oil, 740' SW, IFP 112-383#, ISIP | | | | |
| 1296#, FFP 401-709#, FSIP 1296#, 118° | | | | |
| DST #3 4138-4180 (140' zn) 30-45-45-60, | | | | |
| GB init, FB final, Rec. 180' GIP, 170' TF, | | | | |
| 105' MO (70% O) 65' VHOCM (45% O), BGO 75% O, | | | | |
| 20% M, 5% W, IFP 37-56#, ISIP 1324#, FFP 75-84#, | | | | |
| FSIP 1324#, 104° | | | | |
| DST #4 4175-4210 (160' zn), 30-45-45-60, SBTO, | | | | |
| Rec. 700' GIP, 200' CGO 40°, 395' MO, 5' OCM (40% | | | | |
| O, 45% M, 15% W) IFP 37-149#, ISIP 1324# FFP | | | | |
| 168-242#, FSIP 1287#, 114° | | | | |
| DST #5 4206-4233 (180' zn) 30-45-45-60, TB inc SB, | | | | |
| Rec. 375' GIP, 250' TF, 175' CGO 40°, 70' MO, 5' | | | | |
| OCM (10% O, 75% M, 15% W), IFP 19-56#, ISIP 709#, | | | | |
| FFP 75-103#, FSIP 709#, 110° | | | | |
| DST #6 4228-4247 (200' zn) 30-45-45-60, SBTO, | | | | |
| Rec. 850' GIP, 1700' TF, 630' CGO 37°, 250' MO, | | | | |
| 60' OCM, 760' SW, IFP 56-383#, ISIP 1343#, FFP | | | | |
| 411-690#, FSIP 1343# | | | | |

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

| | |
|----------------------|---|
| Date Received |  Signature |
| | R.J. Thatcher Title |
| | Date |

514201