

KANSAS DRILLERS LOG

API No. 15 — 065 — 21,216
 County Number

State Geological Survey
 WICHITA, BRANCH

S. 24 T. 9S R. 24W
 NE SW NW
 County Graham

Operator
 Nadel & Gussman

Address
 3232 First National Tower, Tulsa, OK 74103

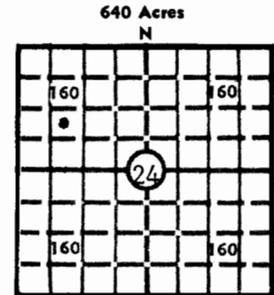
Well No. #1 Lease Name College

Footage Location
 990 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor Geologist
 John O. Farmer, Inc.

Spud Date Total Depth P.B.T.D.
 10-2-80 4020'

Date Completed Oil Purchaser
 10-12-80 Mobil Oil



Elev.: Gr. 2418'
 DF 2421' KB 2423'

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" | 24 | 209' | Common | 165 | |
| Production | 7-7/8" | 4-1/2" | | 4018' | Common | 150 | |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|---------------|---------------|---------------|-------------|---------------------------------------|
| | | | 4 | | 3909-11, 3884-88, 3827-29, 3795-98 |
| Size | Setting depth | Packer set at | | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|-----------------------------------|---------------------------------------|
| Acidized all zones with 4750 gal. | 3909-11, 3884-88, 3827-29, 3795-98 |
| | |
| | |

INITIAL PRODUCTION

Date of first production Producing method (flowing, pumping, gas lift, etc.)
 Pumping

RATE OF PRODUCTION PER 24 HOURS
 Oil 45 bbls. Gas 2 MCF Water 50 bbls. Gas-oil ratio — CFPB

Disposition of gas (vented, used on lease or sold) Producing interval (s)
 Used on lease Lansing-K.C.

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 Nadel & Gussman | | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: |
| Well No. #1 | Lease Name College | Oil |
| S 24 T 9S R 24W ^K _W | | |

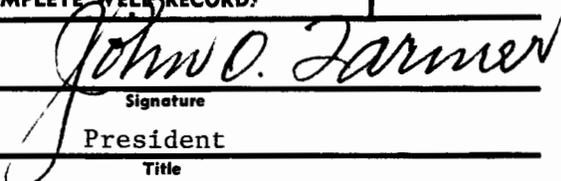
WELL LOG

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 |
|---|------|--------|------|-------|
| Hard Sand Rock | 0 | 48 | | |
| Sand | 48 | 60 | | |
| Blue Shale | 60 | 209 | | |
| Shale & Sand | 209 | 1607 | | |
| Sand | 1607 | 1806 | | |
| Red Bed | 1806 | 2039 | | |
| Anhydrite | 2039 | 2094 | | |
| Shells & Shale | 2094 | 2240 | | |
| Shale & Shells | 2240 | 2470 | | |
| Shale & Lime | 2470 | 2895 | | |
| Lime & Shale | 2895 | 3190 | | |
| Shale & Lime | 3190 | 3475 | | |
| Lime & Shale | 3475 | 3800 | | |
| Lime | 3800 | 4020 | | |
| <p>DST #1: 3770-3800 ("B" and "D" Zones) 300' GIP 30' of GCM 60' HO&GCM 60' VHO&GCM 170' VSLMCO 10' OCMW not salty 30-45-60-90 HH 2131-2102 FP 66-99-121-165 SIP 365-387 building slightly BHT 113 deg.</p> <p>DST #2: 3812-3850 ("G" Zone) 30-45-60-90 Rec. 250' GIP 90' O&GCM 90' O&GCMW 240' VSLOW HH 2185-2163 FP 44-99-121-199 SIP 631-631 BHT 114 deg.</p> <p>DST #3: 3855-3913 "H" & "I" Zones 30-45-30-45 Rec. 120' gassy OCM no water HH 202-186 FP 75-75-86-86 SIP 431-429 BHT 95 deg.</p> <p>DST #4: 3913-85 (J-K-L Zones) 30-45-30-45 Rec. 50' mud FP 64-64-75-86 SIP 666-581 HH 2177-2156 BHT 100 deg.</p> | | | | |

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

| | |
|---------------|---|
| Date Received |  Signature |
| | President |
| | Title |
| | October 21, 1980 Date |

58LL9