

KANSAS DRILLERS LOG

15-075-20198

S. 31 T. 26S R. 40 ^{XXX}_W
 Loc. 1980' FNL X 1980' FEL
 County Hamilton

API No. 15 — 075 — 20,198
 County Number

Operator
 Amoco Production Company

Address
 P. O. Box 432 - Liberal, Kansas 67901

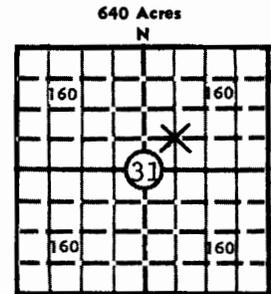
Well No. 1 Lease Name Melvin Combs Gas Unit

Footage Location
1980 feet from (N) X line 1980 feet from (E) XX line

Principal Contractor Service Drilling Co. Geologist

Spud Date 8-19-77 Total Depth 3014 P.B.T.D. 3010

Date Completed 12-13-77 Oil Purchaser



Locate well correctly
 Elev.: Gr. 3305
 DF _____ KB 3312

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# | 627 | 35-65 Poz Class "H" | 250 | 2% CC |
| Production | 7-7/8 | 5-1/2 | 14# | 3014 | 35-65 Poz 50-50 Poz | 750 | .25# Flakes |
| | | | | | | 150 | 10% Salt |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|---|
| | | | 2 | .5 & Jet | 2556-62, 2578-84', 2596-2602, 2622-30', 2639-44, 2668-72' |

TUBING RECORD

| Size | Setting depth | Packer set at |
|-------|---------------|---------------|
| 2-3/8 | 2714 | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|--|------------------------|
| Frac with 1800 gallons 15% HCL as spearhead, 100,000 gallons treatment water, 200,000# 10-20 sand at 53 BPM. | 2556-2672' |

INITIAL PRODUCTION

| Date of first production | Producing method (flowing, pumping, gas lift, etc.) | | | | |
|--|---|-----------------------|-------|---------------|------------|
| 12-13-77 | Flowing | | | | |
| RATE OF PRODUCTION PER 24 HOURS | Oil | Gas | Water | Gas-oil ratio | |
| | bbls. | 130 | MCF | 104 | bbls. CFPB |
| Disposition of gas (vented, used on lease or sold) | | Producing interval(s) | | | |
| Waiting on pipeline connection | | 2556-2672' | | | |

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
Amoco Production Company

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Melvin Combs Gas Unit Gas

S 31 T 26 R 40 ~~EX~~ 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 |
|---------------------------------------|------|--------|--------------------------|------------|
| Sand and Rocks | 0 | 409 | Gamma Ray Neutron Log | 1500-3010' |
| Sand and Redbed | 409 | 627 | | |
| Redbed | 627 | 662 | | |
| Sand and Gyp | 662 | 1077 | | |
| Lime and Sand | 1077 | 1827 | | |
| Sand | 1827 | 2149 | | |
| Lime | 2149 | 2315 | | |
| Core No. 1 | 2315 | 2375 | | |
| Core No. 2 | 2375 | 2398 | | |
| Core No. 3 | 2398 | 2435 | | |
| Lime and Shale | 2435 | 2538 | | |
| Gyp | 2538 | 2680 | | |
| Lime | 2680 | 2801 | | |
| Lime and Shale | 2801 | 2900 | | |
| Shale | 2900 | 3014 | | |
| TD | 3014 | | | |

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

| | | |
|---------------|--------------------------|-------------|
| Date Received | <i>Gale McCord</i> | Gale McCord |
| | Signature | |
| | Administrative Assistant | |
| | Title | |
| | December 14, 1977 | |
| | Date | |