

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 — 075 — 20,066
County Number

Operator

Amoco Production Company

Address

P. O. Box 432 — Liberal, Kansas 67901

Well No.

2

Lease Name

R. B. Fegan "B"

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor Geologist
Service Drilling CompanySpud Date Total Depth P.B.T.D.
September 13, 1973 2831' 2794'Date Completed Oil Purchaser
October 29, 1973

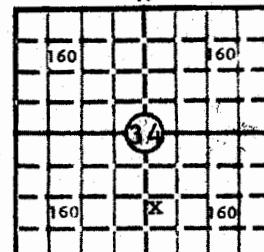
S. 34 T. 26S R. 39 W

Loc. 1250' FSL & 2590' FEL

County Hamilton

640 Acres

N



Locate well correctly

Elev.: Gr. 3232'

DF _____ KB 3239'

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 | 23 | 614 | Class "A" | 385 | 3% CACL |
| Production | 7-7/8 | 5-1/2 | 14 | 2831 | Special | 850 | 18% CACL |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|------------------|
| | | | 2 | 1/2 | 2641-48, 2660-64 |
| | | | | | 2673-75, 2696-05 |
| | | | | | 2710-24, 2748-52 |
| | | | | | 2762-68, 2773-76 |
| | | | | | 2806-14 |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | | | Depth interval treated |
|--|--|--|------------------------|
| Acidized with 1500 Gals. 15% HCL and cement Squeezed W/100 sx. | | | 2806-2814 |
| Acidized with 1500 Gals. 15% HCL | | | 2641-2648 |
| Acidized with 2500 Gals. 15% HCL | | | 2660-2776 |
| Frac with 100,000 Gals. water and 100,000# sand | | | 2641-2776 |
| | | | |

INITIAL PRODUCTION

| Date of first production | | Producing method (flowing, pumping, gas lift, etc.) | | | | |
|--|--------------|---|----------------|---------------|-----------------------|------|
| October 29, 1973 | | Flowing | | | | |
| RATE OF PRODUCTION PER 24 HOURS | Oil bbls. | Gas MCF | Water bbls. | Gas-oil ratio | | CFPB |
| Disposition of gas (vented, used on lease or sold) | | | | | Producing interval(s) | |
| Waiting on pipeline connection | | | | | 2641-2776 | |

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.

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Amoco Production Company

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

Gas

Well No. _____ Lease Name _____

Leave Name

R. B. Fegan "B"

S 34 T26S R 39 W

WELL LOG

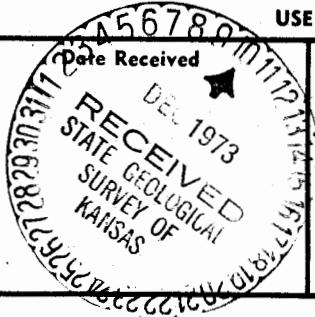
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|---|------|--------|---------------|-----------|
| Sand, Gyp. | 0 | 368 | Gamma-Neutron | 1300-2820 |
| Sand, Redbed | 368 | 614 | | |
| Redbed | 614 | 750 | | |
| Sand, Gyp. | 750 | 1559 | | |
| Anhydrite, Sand, Gyp. | 1559 | 1908 | | |
| Sand, Gyp. | 1908 | 2153 | | |
| Shale, Lime | 2153 | 2691 | | |
| Sand, Shale, Lime | 2691 | 2740 | | |
| Shale, Lime | 2740 | 2821 | | |
| Lime, Shale | 2821 | 2831 | | |
| Test Info: 24 Hr. SIP 242# 20 Min. Open Flow 8.3 MMCFD | | | | |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD. | | | | |

Test Info: 24 Hr. SIP 242#
20 Min. Open Flow 8.3 MMCFI

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD



woodbury Signature

J. W. VAUGHN

Area Administrative Supervisor

THE

November 16, 1973

Date