

KANSAS DRILLERS LOG

S. 11 T. 35S R. 13 ~~XX~~
W

API No. 15 — Barber —
County Number

Loc. NE NE NE

Operator
Okmar Oil Company

County Barber

Address
970 Fourth Financial Center, Wichita, KS 67202

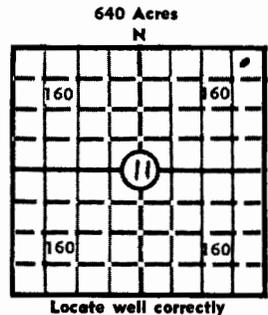
Well No. 4 Lease Name Achenbach A

Footage Location
330 feet from (N) ● line 330 feet from (E) ● line

Principal Contractor Union Drilling Company Geologist Don Beauchamp

Spud Date August 17, 1976 Total Depth 4880' P.B.T.D.

Date Completed Sept. 28, 1976 Oil Purchaser



Elev.: Gr. 1503

DF _____ KB 1508

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" | 26 | 247' | 60/40 Poz. | 200 | 2% Gel., 3% CC |
| Production | 7-7/8 | 4 1/2" | 15 | 4873' | Common | 150 | 18% Salt |
| | | | | | | | |
| | | | | | | | |

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

Released
8/17/78

Operator

Okmar Oil Company

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

Well No.

4

Lease Name

ACHENBACH A

Gas

S 11 T35S R 13 ~~W~~
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 |
|---------------------------------------|------|--------|------|-------|
| Redbud and Shale | 0 | 250 | | |
| Shale | 250 | 2055 | | |
| Lime and Shale | 2055 | 2272 | | |
| Shale and shells | 2272 | 2706 | | |
| Lime and Shale | 2706 | 2884 | | |
| Shale and Lime | 2884 | 3191 | | |
| Lime and Shale | 3191 | 4299 | | |
| Lime | 4299 | 4537 | | |
| Lime and Shale | 4537 | 4625 | | |
| Lime | 4625 | 4742 | | |
| Lime and Shale | 4742 | 4880 | | |
| T.D. | 4880 | | | |

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

Date Received

Don Beauchamp

Signature

Don Beauchamp, Geologist

Title

April 26, 1977

Date

1-32-130

CONTRACTOR'S WELL LOG

| | |
|-------------|-----------------------------|
| OPERATOR: | Okmar Oil Company |
| CONTRACTOR: | Union Drilling Co., Inc. |
| WELL NAME: | Achenbach "A" #4 |
| SECTION: | NE NE NE Section 11-35S-13W |
| LOCALITY: | Barber County, Kansas |
| COMMENCED: | August 17, 1976 |
| COMPLETED: | August 28, 1976 |

| | | | |
|------|------|------------------|--|
| 0 | 250 | Redbed and shale | |
| 250 | 2055 | Shale | 8-5/8" casing set at 247' with 200 sacks |
| 2055 | 2272 | Lime and shale | |
| 2272 | 2706 | Shale and shells | |
| 2706 | 2884 | Lime and shale | |
| 2884 | 3191 | Shale and lime | |
| 3191 | 4299 | Lime and shale | |
| 4299 | 4537 | Lime | |
| 4537 | 4625 | Lime and shale | |
| 4625 | 4742 | Lime | |
| 4742 | 4880 | Lime and shale | |
| 4880 | | T. D. | |

We certify that the above and foregoing is a true and correct copy of the log on the Achenbach "A" #4, NE NE NE Section 11-35S-13W, Barber County, Kansas.

UNION DRILLING CO., INC.

R. D. Messinger
R. D. Messinger

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Subscribed and sworn to before me, a Notary Public in and for the aforesaid county and state as of this 30th day of August, 1976.

Donna F. Brown
Donna F. Brown, Notary Public

My commission expires:
July 29, 1978