

# State Geological Survey KANSAS DRILLERS LOG

15-083-20378

**IMPORTANT**  
Kans. Geo. Survey request  
samples on this well.

API No. 15 — 083 — 20,378  
County Number

Operator

Patrick Petroleum Corporation

Address Suite 330 Page Court, Wichita, Kansas 67202

Well No.

#1

Lease Name

Goebel

Footage Location

660

feet from (N) (S) line

1980

feet from (E) (W) line

Principal Contractor

STRATA DRILLING CO

Geologist

LARRY SCHNEIDER

Spud Date

1-7-75

Total Depth

4696

P.B.T.D.

Date Completed

3-1-75

Oil Purchaser

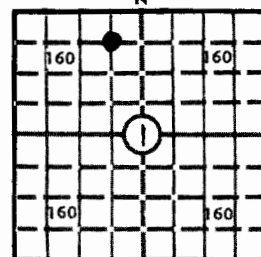
KOCH

S. 1 T. 22 R. 24 W

Loc. NE NW

County Hodgeman

640 Acres



Locate well correctly

Elev.: Gr. 2428

DF 2431 KB 2433

## 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                     | 20#            | 563.49        | COMMON                                  | 300   | 20% Gel<br>30% C.C.        |
| PRODUCTION        | 7 7/8             | 5 1/2                     | 14#            | 4690          | HOWCLITE 150<br>PCZ MIX 75<br>COMMON 75 | 300   | 11                         |
|                   |                   |                           |                |               |                                         |       |                            |
|                   |                   |                           |                |               |                                         |       |                            |

## LINER RECORD

| Top, ft. | Bottom, ft. | Sacks cement |
|----------|-------------|--------------|
|          |             |              |

## PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              |               |             |                |
|          |             |              |               |             |                |
|          |             |              |               |             |                |

## TUBING RECORD

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
| 2"   | 4691          |               |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 250 GAL 15% HCL ACID             | 4690 - 4696            |
| 500 GAL 15% HCL ACID             | "                      |
|                                  |                        |

## INITIAL PRODUCTION

|                                                         |                     |                                                             |                                       |                            |  |
|---------------------------------------------------------|---------------------|-------------------------------------------------------------|---------------------------------------|----------------------------|--|
| Date of first production<br>2-15-75                     |                     | Producing method (flowing, pumping, gas lift, etc.)<br>PUMP |                                       |                            |  |
| RATE OF PRODUCTION<br>PER 24 HOURS                      | Oil<br>110<br>bbls. | Gas<br>—<br>MCF                                             | Water<br>+ RACE<br>bbls.              | Gas-oil ratio<br>—<br>CFPB |  |
| Disposition of gas (vented, used on lease or sold)<br>— |                     |                                                             | Producing interval (s)<br>4690 - 4696 |                            |  |

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 <b>PATRICK PET. CORP.</b>     |                          | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: |
| Well No. <b>1</b>                      | Lease Name <b>GOEBEL</b> | <b>OIL</b>                                               |
| S <b>1</b> T <b>22</b> R <b>24</b> (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 |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-------------|-------|
| DST #1. 4649-4696 (CORRECTED INTERVAL) 60'-60'-60'-60'; STNC BLO; REC 465' GMD + 270' CGO + 360' GMD + 90' SW; SIP 1355-1310; FP 66-513; 1300 |     |        | Log Top     |       |
|                                                                                                                                               |     |        | Anhydrite   | 2433  |
|                                                                                                                                               |     |        | Hellbender  | 3979  |
|                                                                                                                                               |     |        | Lansing     | 4033  |
|                                                                                                                                               |     |        | Starks      | 4306  |
|                                                                                                                                               |     |        | Base/KE     | 4409  |
|                                                                                                                                               |     |        | Marmaton    | 4438  |
|                                                                                                                                               |     |        | Pawnee      | 4499  |
|                                                                                                                                               |     |        | Fl Scott    | 4583  |
|                                                                                                                                               |     |        | Cherokee    | 4607  |
|                                                                                                                                               |     |        | Miss line   | 4682  |
|                                                                                                                                               |     |        | Miss dole.  | 4690  |
|                                                                                                                                               |     |        | Total Depth | 4696  |

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

|                                                                                     |                           |                                        |
|-------------------------------------------------------------------------------------|---------------------------|----------------------------------------|
|  | Date Received<br>APR 1975 | Signature<br><i>Larry P. Schmechel</i> |
|                                                                                     |                           | Title<br><i>Geologist</i>              |
|                                                                                     |                           | Date<br>3-3-75                         |

State Geological Survey  
WICHITA BRANCH

PATRICK PETROLEUM CORPORATION

SUITE 414 - 200 E. FIRST  
WICHITA, KANSAS 67202

HOME OFFICE  
JACKSON, MICHIGAN

DIVISION OFFICES

BLOOMFIELD HILLS, MICHIGAN  
CALGARY, ALBERTA, CANADA  
CHARLESTON, WEST VIRGINIA  
GUATEMALA, C. A.  
HOUSTON, TEXAS  
JACKSON, MISSISSIPPI  
LEXINGTON, KENTUCKY  
MIDLAND, TEXAS  
NEW ORLEANS, LOUISIANA  
OKLAHOMA CITY, OKLAHOMA

AREA CODE 316  
TELEPHONE 264-4363

January 27, 1975

State Corporation Commission  
Conservation Division  
3830 South Meridian - Box 17027  
Wichita, Kansas 67217

Re: #1 Goebel  
C NE NW Sec. 1-22S-24W  
Hodgeman County, Kansas

Gentlemen:

In connection with the captioned well, we are enclosing herewith the original  
Drillers Log and Data and Affidavit.

Yours very truly,

PATRICK PETROLEUM CORPORATION



Donald R. Douglass

attach.

RECEIVED  
STATE CORPORATION COMMISSION

JAN 28 1975

CONSERVATION DIVISION  
Wichita, Kansas



15-083-20378  
1-22-24W

D R I L L E R S   L O G

#1 Goebel

CASING RECORD:  
558.49' of new 8-5/8"  
surface casing.

COMPANY: Patrick Petroleum Corporation

DESCRIPTION: C/NE NW  
Section 1-22S-24W  
Hodgeman County, Kansas

CONTRACTOR: Strata Drilling Company

TOTAL DEPTH:  
4690'

COMMENCED: January 6, 1975

COMPLETED: January 17, 1975

| <u>FORMATION</u>     | <u>FROM</u> | <u>TO</u> | <u>REMARKS</u>                                                                                                                                                      |
|----------------------|-------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clay & Shale         | 0           | 395       | Ran 558.49' of new 8-5/8" surface casing; set and cemented at 563.49' with 300 sacks of common cement, 2% gel and 3% C. C. Plug down at 8:30 P. M. January 7, 1975. |
| Shale                | 395         | 760       |                                                                                                                                                                     |
| Shale & Sand         | 760         | 1470      |                                                                                                                                                                     |
| Sand Streaks & Shale | 1470        | 1813      |                                                                                                                                                                     |
| Shale, Lime & Shells | 1813        | 2155      |                                                                                                                                                                     |
| Shale w/Lime Streaks | 2155        | 2565      |                                                                                                                                                                     |
| Shale & Lime         | 2565        | 2734      |                                                                                                                                                                     |
| Lime & Shale         | 2734        | 4580      |                                                                                                                                                                     |
| Lime                 | 4580        | 4668      |                                                                                                                                                                     |
| Lime & Shale         | 4668        | 4690      |                                                                                                                                                                     |

ROTARY TOTAL DEPTH: 4690'

Ran electric log.

Used 5½" casing set and cemented at 4691' with 300 sacks of Halco light cement and 150 sacks of 60-40 pozmix. Plug down at 1:00 A. M. January 17, 1975.

RECEIVED  
STATE CORPORATION COMMISSION

JAN 28 1975

CONSERVATION DIVISION  
Wichita, Kansas

STATE OF KANSAS )  
                          ) ss.  
COUNTY OF BARTON)



I certify that this is a true and correct copy of the above log to the best of my knowledge.