KANSAS

State Geological Survey
WICHITA BRANCH

# WELL COMPLETION REPORT AND DRILLER'S LOG

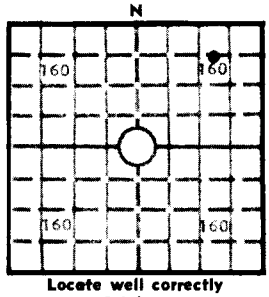
S. 26 T. 31S R. 13 E/W

API No. 15 — 007 (County) — 20,961 (Number)

Loc. 660'FNL & 710'FEL

County Barber County, Ks

640 Acres




Locate well correctly

Elev.: Gr. 1523'

DF _____ KB 1531'

Operator: Texas Oil & Gas Corp.

Address: 200 W. Douglas, Suite 300, Wichita, KS 67202

| Well No. | Lease Name |
|---|---|
| #1 | Catlin "B" |

Footage Location: 660' feet from (N) (S) line XX 710' feet from (E) (W) line XX

| Principal Contractor | Geologist |
|---|---|
| H-30, Rig #5 | Earl Moore |

| Spud Date | Date Completed | Total Depth | P.B.T.D. |
|---|---|---|---|
| 9-5-80 | 10-27-80 | 4275' | 4237' |

| Directional Deviation | Oil and/or Gas Purchaser |
|---|---|
| Not directionally drilled | Koch |

## 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 | 12¼" | 8-5/8" | 24# | 355' | | 300 | |
| Production | | 4-1/2" | 10.5# | 4274' | | 125 | |
| | | | | | | | |
| | | | | | | | |

## LINER RECORD

| Top, ft. | Bottom, ft. | Sacks cement |
|---|---|---|
| N/A | N/A | N/A |

## TUBING RECORD

| Size | Setting depth | Packer set at |
|---|---|---|
| 2-3/8" | 4153' | |

## PERFORATION RECORD

| Shots per ft. | Size & type | Depth interval |
|---|---|---|
| 1 JSPF(25 h.) | Miss. | 4167-4188' |
| | | |
| | | |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|---|---|
| Acidize w/500 gals 15% HCl, 2500 gals 2% KCl, 1000 15% HCl w/38 ball sealers | 4167-4188' |
| Frac w/27,500# 20/40 sand & 25,000 gals complex gel @ 15 BPM | " |
| 185 bbls of 40# gelled KCl wtr @ 9½ BPM | |
| | |

## INITIAL PRODUCTION

| Date of first production | Producing method (flowing, pumping, gas lift, etc.) |
|---|---|
| 10-27-80 | Pumping |

| RATE OF PRODUCTION PER 24 HOURS | Oil | Gas | Water | Gas-oil ratio |
|---|---|---|---|---|
| | 6.68 bbls. | N/A MCF | 102 bbls. | N/A CFPB |

| Disposition of gas (vented, used on lease or sold) | Producing interval(s) |
|---|---|
| Sold | 4167-4188' |

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, 245 No. Water, Wichita, Kansas 67202. 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 | | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: |
|---|---|---|
| Texas Oil & Gas Corp. | | Oil |
| **Well No.** #1 | **Lease Name** Catlin "B" | |
| S 26 T 31S R 13 ~~E~~ 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 |
|---|---|---|---|---|
| LOG TOPS | | | | |
| Herington | 1762 | -231 | | |
| Winfield | 1845 | -314 | | |
| Towanda | 1916 | -385 | | |
| Florence | 2008 | -477 | | |
| Wreford | 2116 | -585 | | |
| Bader | 2217 | -686 | | |
| Cottonwood | 2334 | -803 | | |
| Onaqa | 2564 | -1033 | | |
| Indian Cv. | 2574 | -1043 | | |
| Wabaunsee | 2619 | -1088 | | |
| Stotler | 2754 | -1223 | | |
| Tarkio | 2811 | -1280 | | |
| Howard | 2996 | -1465 | | |
| Topeka | 3282 | -1751 | | |
| Heebner | 3484 | -1953 | | |
| Toronto | 3500 | -1969 | | |
| Upper Douglas ss. | 3542 | -2011 | | |
| Brown Ls | 3645 | -2114 | | |
| Lansing | 3659 | -2128 | | |
| Stark | 3998 | -2467 | | |
| Kansas City | 4076 | -2545 | | |
| Marmaton | 4098 | -2567 | | |
| Mississippi | 4162 | -2631 | | |
| TD | 4275 | | | |
| PBD | 4237 | | | |
| DST #1, 4161-85' (Miss.), w/results as follows: | | | | |
| IFP/30": 37-56# | | | | |
| ISIP/60": 823# | | | | |
| FFP/120": 37-56# | | | | |
| FSIP/90": 860# | | | | |
| Rec: 90' VSO & GCM | | | | |
| Ran O.H. Logs | | | | |

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

Date Received

Harold R. Trapp
Signature

Harold R. Trapp
District Geologist
Title

October 29, 1980
Date

State Geological Survey
WICHITA BRANCH KANSAS DRILLERS LOG

API No. 15-007-20,961

COMPANY Texas Oil & Gas Corp.

SEC. 26 T. 31S R. 13W
LOC. 660' FSL & 660' FEL

FARM Catlin "B" NO. 1

COUNTY Barber

ROTARY TOTAL DEPTH 4,275'
COMM. September 5, 1980 COMP. September 12, 1980
CONTRACTOR H-30, INC. (Rig #5)
ISSUED September 23, 1980

CASING

10 3/4"
8 5/8" Set at 329' cemented w/300 sxs cement
5 1/2"
4 1/2" Set at 4,274' cemented w/150 sxs cement

ELEVATION 1,531' K.B.

FIGURES INDICATE BOTTOM OF FORMATIONS

| | |
|---|---|
| Red Bed and Sand | 347' |
| Sand and Red Bed | 909' |
| Red Bed and Shale | 1,782' |
| Shale and Lime | 4,275' |
| Rotary Total Depth | 4,275' |

I hereby certify the above and foregoing to be a true and correct log of the above described well as shown by the drilling reports.

H-30, INC.

Dean Britting

Dean Britting

State of Kansas )
) ss:
County of Sedgwick )

Subscribed and Sworn to before me a Notary Public in and for said county and state this 23rd day of September, 1980.

Elsie Wilson

Notary Public