27-16-25W

GEOLOGIC REPORT

Palomino Petroleum
#2 Dodrill

SW SW SW Sec. 27-16-25W
Ness County, Kansas

MISCELLANEOUS DATA

Elevation: 2520 Gr.; 2523 R.D.F.; 2525 R.K.B.

This well was drilled with rotary tools; Strata Drilling Company of Great Bend, Kansas, the contractor.

Spudded January 7, 1985. Set 300 feet of new 23# 8-5/8" surface casing and cemented with 200 sacks 60-40 Pozmix (circulated). Set 112 joints new and used 5½" 14# production casing 1½ feet off bottom at 4572½' and cemented with 150 sacks 60-40 Pozmix, 2% gel, 10% salt, 20 bbl. salt flush. No electric log. Rotary completed January 13, 1985. Pool - Arnold Southwest.

GEOLOGIC TOPS AND ZONES

APR 18 1985
State Geological Survey
WICHITA BRANCH

TOP CIMARRON ANHYDRITE (driller)	1881	(+ 644)
TOP HEEBNER SHALE	3818±	(-1293±)
TOP LANSING-KANSAS CITY	3858	(-1333)

There were no shows of oil throughout the Lansing-Kansas City section.

TOP FT. SCOTT LIMESTONE	4365	(-1840)

Top member = finely xln oolitic limestone, fair vugular and some inter-oolitic porosity. Good taste in wet samples and fair show light free oil. Fair show light oil staining in dry samples. PERFORATE before abandonment.

Lower member generally as above, smaller amount of free oil.

TOP CHEROKEE SHALE	4387	(-1862)

A trace of free oil was found in dense limestone in the 4440 drilling sample. Considered not worthy of testing.

TOP MISSISSIPPIAN SPERGEN	absent	
TOP MISSISSIPPIAN WARSAW	4472	(-1947)

Finely xln to "sugary" soft porous dolomite. Good odor and good show free oil. Good percentage saturated dolomite in dry samples.

ROTARY TOTAL DEPTH	4474	(-1949)

REMARKS

All above figures are from rotary bushing zero at an elevation of 2525 feet, five feet above the ground level.

Samples were examined from 3700' and drilling watched from above the Ft. Scott to the total depth.

Straight hole tests: None over 1°.

Four centralizers were spotted at appropriate intervals.

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STATE CORPORATION COMMISSION
APR 11 1985
CONSERVATION DIVISION
Wichita, Kansas

R. W. & ANN WATCHOUS
Petroleum Geologists