GEOLOGIC REPORT

ORIGINAL

Palomino Petroleum, Inc.
#1 Painter

SW NW Sec. 29-16S-22W
Ness County, Kansas
API#15-135-25833

MISCELLANEOUS DATA

Elevation: 2412 Gr.; 2417 R.K.B.

This well was drilled with rotary tools, Mallard JV, Inc., of McPherson, Kansas the contractor. Spudded October 3, 1994. Ran 6 joints new 8 5/8" 20# surface casing set at 248' and cemented with 150 sacks 60-40 pozmix, 2% gel, 3% c.c. (circulated). The used, tested 5½" 15.5# production string was set 3' off bottom at 4497' and cemented with 250 sacks 60-40 pozmix, 10% salt, 2% gel, 20 bbls. salt flush. Port collar @ 1760'. Rotary completed October 11, 1994.

GEOLOGIC TOPS AND ZONES

STONE CORRAL ANHY (dr)	1754 (+ 663)	Elog 1754 (+ 663) to 1791
HEEBNER	3814 (-1397)	Elog 3813 (-1396)
LANSING-KANSAS CITY	3855 (-1438)	Elog 3852 (-1435)
FORT SCOTT	4323 (-1906)	Elog 4324 (-1907)
CONGLOMERATE SAND	4408 (-1991)	Elog 4413 (-1996)
MISSISSIPPIAN	4440 (-2023)	Elog 4440 (-2023)
ROTARY TOTAL DEPTH	4500 (-2083)	Elog 4500 (-2083)

SUMMARY

This well ran 8' high on the Ft. Scott to the #1 Musselman to the south (currently making approx. 20 BOPD + 60 BWPD). The well thinned from the Ft. Scott to the Miss, thereby thinning the sand section, but still developed 4'+ Conglomerate Sand which drill-stem tested approx. 1 BOPH. The base of our sand is 4420 (-2003) which is still high to the Musselman, so a water-free completion is anticipated. Although S.I.P.'s backed off 161#, we feel this is not due to a depleting reservoir, but rather a slightly tite reservoir. Note: PERFORATE Ft. Scott zone 4328-4331 Elog measurements before abandonment.

ROB PATTON & ANN WATCHOUS, Geologists



