G E O L O G I C R E P O R T

Palomino Petroleum
#8 Reed

NE SE SE Section 4-18-25W
Ness County, Kansas

MISCELLANEOUS DATA

Elevation: 2358 Gr.; 2361 R.D.F.; 2363 R.K.B.

This well was drilled with rotary tools; DNB Drilling Company of Wichita, Kansas, the contractor.

Spudded August 6, 1985. Set 257 feet of new 8-5/8" 20# surface casing and cemented with 200 sacks 60-40 Pozmix, 2% gel, 3% c.c. (circulated). No production casing was run and no E-log was run. Rotary completed August 11, 1985. Dry and Abandoned.

GEOLOGIC TOPS AND ZONES

TOP CIMARRON ANHYDRITE (corrected) 1622 (+ 741) to 1643

TOP HEEBNER SHALE 3655± (-1292)

TOP LANSING-KANSAS CITY 3695± (-1332)

No shows of oil were found throughout the L-KC section.

TOP FT. SCOTT LIMESTONE 4206 (-1843)

No free oil found. Trace of stain in few pieces of dense limestone. Included in D.S.T. #1 which recovered mud only.

Note: Show of free oil in pieces limestone below Ft. Scott and above Miss. included in D.S.T. #1 which recovered mud only.

TOP MISSISSIPPIAN DOLOMITE 4302 (-1939)

Partly fossiliferous, fairly porous dolomite with no show of oil. Included in D.S.T. #1 which recovered mud only.

Drill-stem Test #1: A test was taken from 4195-4310, tool open 30 minutes, weak blow to dead in 10 minutes. Recovered 10 ft. of mud. Flow pressures 79# - 79#. Twenty-minute shut-in pressure 227#.

ROTARY TOTAL DEPTH 4310 (-1947)

REMARKS

All above figures are rotary bushing measurements at an elevation of 2363', five feet above the ground level.

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

Straight hole tests: none over 1°.

This hole was plugged due to low structural position and negative drill-stem test results.

An error of 10 feet was found on the board, but this down-hole correction was not made until total depth was reached (4300' = 4310' TD). Tops in this report have been corrected.

R. W. WATCHOUS
Petroleum Geologist

TIME LOG

Palomino Petroleum
#8 Reed

NE SE SE Sec. 4-18-25W
Ness County, Kansas
Elevation: 2363 R.K.B.

FROM	TO	MINUTES	REMARKS
3400	-3410	2-½-½-½-1	
	-3420		
	-3430	2-2-2-2-2½	
	-3440	3-2-1½-2-2 2-2-2-2½-2	
	-3450	2-2-1½-2-½ ½-½-½-½-1	
3450	-3460	1-1-2-2-3 2-1-1-1½-½	
	-3470	½-1-½-½-½ ½-1-½-½-½	
	-3480	½-½-½-2-1 3-½-½-½-½	
	-3490	½-½-1-1-1 ½-½-½-1-1½	
	-3500	2-1-1-1-1 1-1-2½-2-1	
3500	-3510	1-1½-2-1½-2½ 2-2-2-2½-2½	
	-3520	2-2-2-2½-2 2½-3-3-2½-2	
	-3530	2½-1-2-1½-1 1-1½-2-2½-2½	
	-3540	2-2-3-2-2½ 2½-2½-1½-1-1½	
	-3550	2-2½-2½-3-1½ 2-2-2½-3-2½	
3550	-3560	2-2-2-2½-1½ 2-2-2-2½-2½	
	-3570	2½-2½-3-2½-2 3-2½-3-2-3	
	-3580	3-2½-2½-2-1 ½-1-1-½-1	
	-3590	½-1-1-1-1 1½-1-½-½-2½	
	-3600	½-1-½-1½-1 1-2-1½-1½-2	
3600	-3610	2½-1-½-½-½ ½-½-½-½-1	
	-3620	1-1-1-½-½ ½-½-½-1-1	
	-3630	1-1-1½-½-½ ½-1½-½-1½-1½	
	-3640	2½-2-1½-2-1½ 2-2½-2½-3-2	
	-3650	1½-1-½-1-1 1-1-2½-2½-1	
3650	-3660	1-2-1½-1-2½ 2½-2½-3-2½-3	
	-3670	3-2½-3-3-3 2½-2½-2½-2-2	
	-3680	1-1-1½-½-1 1½-2-2-2-2½	
	-3690	2½-2½-2½-3-3 3½-3-2-2-3	
	-3700	3-3-2½-3-3 2½-2-2½-2-1½	
3700	-3710	2½-3-3-3-3 3-3-3-2½-3	
	-3720	3-3-3-2½-2½ 2½-3-3½-3-2½	
	-3730	3½-3-3-2½-3 2½-3½-3-3½-3	
	-3740	3½-3-2½-2½-1 1-1-3-2-2	
	-3750	2-1½-2½-2-2½ 3½-3-3-3-3	
3750	-3760	3-3-3½-2½-3 3-3-3-2-3	
	-3770	3-3-3-4-3 2-3-3-3-3	
	-3780	2-3-3½-2½-2 2-2-3-3-2	
	-3790	3-2-3-3-2 3-3-2-1½-2½	
	-3800	2-2-2½-1½-2½ 3-3½-3-2-2	
3800	-3810	2-2-1-1-1 2-1-2-1-1	
	-3820	1-1½-1½-2-2 2-3-3-3-3	
	-3830	2½-3½-2-3-3 2-3½-3-2-2	
	-3840	3-2-2-3-2 2-3-2-2-3	
	-3850	2-3-1½-2-2½ 2½-2½-2-2-2	
3850	-3860	2-3-3-2-2 2-2-2-2-3	
	-3870	3-3-3-3-2½ 3-3-3-2½-3½	
	-3880	3½-3½-3-2½-2 2-2-2-3-3½	
	-3890	2½-3-2½-3½-3 3-3-2-2-3	
	-3900	2-3-2-2-3 2-3-3-2-2	
3900	-3910	2½-2½-3-2-2 2-3-1-2½-2	
	-3920	½-½-½-½-½ 1-2½-2-1½-2½	
	-3930	3-2-3-2-3 2-3-3-3-3	
	-3940	3-3-4-1-1 2-1-2-2½-2½	
	-3950	2-1-3-3½-3 3-2½-2-2-2½	

TIME LOG

#8 Reed

FROM	TO	MINUTES	REMARKS
3950	3960	3-2-2½-2½-3 2-3-2½-2½-2½	
	-3970	3-3-3½-2-2 2-3-3-2-3½	
	-3980	3½-3-3-2½-1½ 1½-2½-3-1½-2½	
	-3990	1½-1½-2½-2½-3 3-3-3-3-3½	
	-4000	3½-3-4-3½-3½ 3-2½-1½-3½-4½	
4000	4010	4-3½-4-2½-3 3-3-3½-3½-3	
	-4020	3-3-3-3-3 3-3½-3½-4-4	
	-4030	3-3-2½-3-2 2½-2½-2½-1½-1½	
	-4040	2½-1½-3-2½-3 3-3½-3½-3½-3½	
	-4050	5-3½-4½-5-5 5-5-5-5-5	
4050	4060	4½-3-3½-3½-3 3-3-3-2½-3	
	-4070	2-3-3-3-2½ 2½-3-3-3½-4	
	-4080	3½-3½-3-3½-4 3-3½-3-3-3	
	-4090	3½-3½-3½-3-3 3-3-3½-4-4	
	-4100	4-4-4½-4½-3½ 4-4-3½-4-4½	
4100	4110	4-4-4-4-4½ 4-4-4½-4-4	
	-4120	4-4½-3-2½-3 3½-3-3-3½-5	
	-4130	3½-3½-4-4-4 4-4-5-4½-4½	
	-4140	4-5-3-3½-4 4-5-4-4½-4	
	-4150	4½-4½-4½-4½-4½ 4-5-5-4-5	
4150	4160	3½-5-4½-4½-5 4½-5-5-5½-5	
	-4170	4½-5-5-4½-4 5-5-5-5-5	
	-4180	5-5-5-4-4 4-4-5-5-5	
	-4190	4-4½-4-4-4½ 4-4-4-4-4	
	-4200	4-2-2-2-2 2-3-3-4-5	Geolograph malfunctioned 4197-4203, timed by watch
4200	4210	3-5-3½-3½-4 5-4-4-4-4	C.F.S. @ 4205 (corrected 4215)
	-4220	4-2-4-3-3 3-4-4-4-4	
	-4230	5-4-3½-3-4 3½-4-4½-3½-4½	
	-4240	4-3½-3-4-3½ 4-4-4½-4-4	
	-4250	4-3½-3½-4-4 4-5-6-5½-4	
4250	4260	5½-6-4-4-5 5-5-4-4-4	
	-4270	4-4-3-3-4 3½-3½-3½-3-3½	
	-4280	3-5-4-2-3 2-3-3-3-3	
	-4290	4-4½-4-1½-2 2½-2½-3-2½-4½	C.F.S. @ 4287 (corrected 4297)
	-4300	3½-3½-2½-2½-2½ 2-2½-3-2-1½	C.F.S. @ 4294 (corrected 4304); C.F.S., D.S.T. #1 and R.T.D. @ 4300 (corrected Rotary Total Depth = 4310 R.K.B.)