

K. T. Woodman  
1008 Union Nat'l. Bldg.  
Wichita, Kansas

October 31, 1975

Re: Geological Report  
#2 Hoffman  
SE NE NW Sec. 22-21-13W  
Stafford County, Kansas

To Interest Holders:

I have examined samples from 3100 to the rotary total depth of 3660. The following have been corrected to rotary bushing measurements.

Elevation	1886 Rotary Bushing
Anhy	742 + 1144
Base/Anhy	775 + 1111
Heebner	3196 - 1310
Toronto	3215 - 1329
Douglas	3235 - 1349
Brown Lime	3323 - 1437
Lansing	3335 - 1449
Conglomerate	3576 - 1690
Viola	3584 - 1698
Simpson Shale	3605 - 1719
Arbuckle	3645 - 1759
Total Depth	3660 - 1774

The #2 Hoffman was spudded October 21, 1975. 8 5/8" was cemented at 281 with 200 sacks of cement. 5 1/2 was set October 29, 1975 at 3647 with 100 sacks of cement.

The top of the Lansing 3335 (-1449) was 9 foot lower than #1 Hoffman direct North offset. There were no shows of oil in the Lansing formation.

The well started thinning at the base of the Kansas City.

The Viola 3584 (-1698) was 6 foot lower than the #1 Hoffman.

The Simpson Shale 3605 (-1719) was 5 foot higher and the Arbuckle 3645 (-1759) was 10 foot higher than the #1 Hoffman.

The Arbuckle from 3645 to 55 was dense tight dolomite with poor porosity, light staining and fair odor.

The dolomite 3655 to 60 was medium crystalline dolomite with some sucrose with some vugular porosity with a show of free oil and a good odor.

Drill stem test #1 was taken from 3647 to 60. The tool was open one hour with gas to surface in thirty five minutes and recovered 1245 feet of clean oil. IBHP 880#, FBHP 870#, IF 119 to 304#, FF 344 to 452#.

A condensed copy of the time log is attached from 3150 to the rotary total depth 3660.

Very truly yours,

RECEIVED  
STATE CORPORATION COMMISSION

JUN 1 1975

CONSERVATION DIVISION  
Wichita, Kansas