

Western Petroleum  
#1 Brown "A"  
Stafford County  
SW NE NE  
30-245-14W

Core description  
by Robert Welch.

- Box 1      4128' -- very dark gray, very fine, shaly sandstone.  
            4129' -- same.  
            4130' -- coarse, dark-greenish-gray sandstone with greenish-brown, white, brown, red and gray chert pebbles  $\frac{1}{4}$  to 1 inch in diameter in zones through it.
- Box 2      4131' -- white, brown, gray, tan and white chert conglomerate with greenish-gray sandy shale matrix, carbonaceous.  
            4132' -- same with oil stains.  
            4133' -- same, coarser matrix.
- Box 3      4134' -- same with some greenish-gray sandstone pebbles, coarser sandy matrix.  
            4135' -- large gray, with white weathered exterior, chert pebbles (2 inches by 3 inches) with smaller pebbles of various colors (as above), dark greenish gray, shaly sandstone matrix (chert sand), carbonaceous.  
            4136' -- same as 4131.  
            4137' -- same.
- Box 4      4138' -- black, silty shale.  
            4139' -- dark red-brown chert with greenish gray weathered rims, black to light greenish-gray shale matrix with scattered chert particles in it (some chert).
- Box 5      4140' -- same.  
            4141' -- same, chert more chocolate brown.  
            4142' -- same.  
            4143' -- same.

X

- Box 6      4144' -- same with light greenish gray fine sand matrix.
- 4145' -- same, chert brown with tan weathered rim, dark stains (black) on outside of chert (pebbles up to 3 inches).
- 4146' -- same.
- Box 7      4147' -- same.
- 4148' -- same, pebbles up to 4 inches.
- Box 8      4149' -- same.
- 4150' -- same, matrix red and green varigated shale.
- 4151' -- same as 4150, pebbles up to 1 inch.
- Box 9      4152' -- green and red-brown varigated shale breaks with slick, shiney, uneven surface.
- 4153' -- same.
- 4154' -- green and maroon, varigated shale.
- 4155' -- same, dominately maroon.
- 4156' -- maroon shale, fairly competent.
- 4157' -- same.
- 4158' -- same, more competent, light maroon varigation.
- 4159' -- same.
- 4160' -- same.
- 4161' -- same.
- 4162' -- same.

Western Petroleum; #1 Brown "A"; 30-24-14W

~~4132'-4150'~~ no specimens.

4152'

(1) Roundya *sp.*

4153'

(1) multi-toothed fragment  
(1) fossil--aff. unknown  
(1) smooth elongate fragment

4154'

(16) Paltodus *sp.*  
(10) Ozarkodina *sp.*  
~~(20) fragments~~

4155'

(7) Ozarkodina *sp.*  
(3) Paltodus *sp.*  
(3) Cordylodus *sp.*  
~~(5) fragments~~

4156'

(1) Cordylodus *sp.*  
~~(1) Brochiod~~  
~~(3) fragments~~

~~4157'~~

~~(1) fragments~~

4161'

~~(4) fragments~~