

DIAMOND CORE DESCRIPTIONSCORE #1

Cored from 5701' to 5745', Recovered 44':

Top:

43' 6" Shale, gray-dark gray, slightly rotten, slightly fissile, slightly fossiliferous.0' 6" Sandstone, gray-dark gray, coarse-grained, argillaceous, slightly calcareous, with abundant phosphatic material.

Tight None

44' 0" TOTAL

CORE #2

Cored from 5745' to 5791', recovered 41':

Top:

6' 0" Limestone, buff-green, finely crystalline, fossiliferous, argillaceous, glauconitic, irregularly interbedded with green shale.

Tight None

4' 0" Limestone, buff-green, finely crystalline, fossiliferous, argillaceous, glauconitic, irregularly interbedded with glauconitic siltstone.

Tight None

2' 0" Siltstone, glauconitic, irregularly laminated with gray shale.

Tight None

0' 6" Limestone, brown, medium-coarse crystalline, fossiliferous, glauconitic.

Tight None

14' 6" Shale, dark gray-black, fissile.3' 0" Siltstone, quartzitic, glauconitic.

Tight None

10' 0" Siltstone, glauconitic, irregularly laminated with gray shale.

Tight None

1' 0" Shale, gray-dark gray, fissile.

41' 0" TOTAL

CORE #3

Cored from 5791' to 5841', recovered 50':

Top:

3' 0" Limestone, gray, medium crystalline, dense,

Tight None

fossiliferous, argillaceous, glauconitic, with scattered phosphate nodules.

1' 0"	Shale, dark gray-black, slightly silty.		
2' 0"	Sandstone, gray, argillaceous, highly calcareous, fossiliferous, glauconitic with scattered phosphate nodules.	Tight	None
6' 0"	Shale, dark gray-black.		
8' 0"	Sandstone, gray-brown, very fine grained, argillaceous, slightly calcareous, good odor, fair-good fluorescence, no stain.	Tight	None Slight Gas -Poor
9' 0"	Siltstone, & shale, irregularly laminated, slightly calcareous, glauconitic.	Tight	None
4' 6"	Limestone, tan, medium crystalline, dense, fossiliferous, glauconitic.	Tight	None
0' 6"	Shale, dark gray-black.		
13' 0"	Limestone, brown-gray, fine-medium crystalline, dense, fossiliferous, argillaceous with scattered stringers (2" to 4" thick) of dark gray, fossiliferous shale. (Archimedes found 1' from top.)	Tight	None
1' 6"	Shale, dark gray-black, fossiliferous.		
1' 6"	Limestone, brown-gray, fine-medium crystalline, dense, fossiliferous, argillaceous.	Tight	None
50' 0"	TOTAL		

CORE #A

Cored from 5841' to 5883', recovered 41'.

Top:

4' 6"	Limestone, brown-gray, dense, fine-coarse crystalline, fossiliferous, fragmental, slightly argillaceous to argillaceous, with dark gray, fossiliferous shale partings.	Tight	None
1' 6"	Shale, gray-dark gray, rotten, fissile, semi-waxy, fossiliferous.		
3' 6"	Limestone, dark brown-gray, dense, fine crystalline, slightly fossiliferous, argillaceous.	Tight	None
2' 0"	Shale, gray-dark gray, rotten, papery, semi-waxy, fossiliferous.		
7' 6"	Limestone, tan-gray, dense, fine-coarse crystalline, fossiliferous, fragmental, calcitic, slightly argillaceous-argillaceous toward base with few scattered dark gray shale partings in lower 2'.	Tight	None
3' 0"	Limestone, gray-dark brown, dense, fine-medium	Tight	None

crystalline, fossiliferous, argillaceous
with scattered gray-green shale partings.

4' 0" Shale, gray-dark gray, rotten, papery, fissile,
semi-waxy, slightly fossiliferous.

9' 0" Limestone, gray-dark brown, dense, fine-
medium crystalline, fossiliferous, slightly
colitic, argillaceous, vertical fractures,
bleeding small amount O&G along fractures. Tight None

8' 0" Limestone, tan-brown, fine-coarse crystalline,
highly fossiliferous, slightly calcitic,
slightly argillaceous in part. Porosity -
slight-fair, inter-crystalline and fossil
porosity. Odor - fair. Fluorescence -
greenish yellow, mottled. Bleeding small
amount O&G. Slight- O&G
Fair

1' 0" Shale, dark gray, rotten, slightly papery,
slightly fossiliferous.

1' 0" Limestone, dark gray-dark brown, dense, fine-
coarse crystalline, highly fossiliferous,
fragmental, argillaceous. Tight None

1' 0" Shale, gray-dark gray, rotten.

1' 0" Limestone, dark gray-dark brown, dense, fine-
medium crystalline, fossiliferous, fragmental,
argillaceous. Tight None

41' 0" TOTAL

Drill Stem Tests

DST #1 from 5632' to 5701', open 40 minutes, weak blow
for 4 min then died, bypassed in 20 min, weak for 3 min
then died, bypassed in 10 min, weak for 3 min then died.
Recovered 25' DM.

Pressures:

IFF. 0#
FFP. 100#
BHSIP (15 min.). . . . 100#

DST #2 from 5794' to 5841', open 90 minutes, medium to weak
blow for 30 min decreasing to weak for 1 hour then died.
Recovered 858 sl/CCM.

Pressures:

IFF. 0#
FFP. 0#
BHSIP (20 min.). . . . 0#

DST #3 from 5858' to 5883', open 2 hours, good blow & steady
throughout, gas in 20 minutes TSTM (est. 40,000 cf/gpd),
Recovered 35' very sl/CCM w/trace oil.

Pressures:

IFF. 0#
FFP. 0#
BHSIP (20 min.). . . . 1785#

