

Well 5 Lease Gallegos Canyon UnitOperators Benson & Montin

CORE #1: 1336-1372 Cored 36 feet; recovered 19.5.  
All of core recovered was from Fruitland formation.  
Top 6' shale  
Next 13' coal  
Bottom  $\frac{1}{2}$ ' Carbonaceous sandy shale.

Core Head:  $5\frac{1}{4}$ " O.D. diamond bit purchased from Christensen.

Mud: Native mud with aquagel, soda ash, quebracho and driscose added.  
Water 9.4# per gallon;  
Viscosity 48 sec.  
Water loss 6 cc.

Coring Time: See drilling time.

CORE #2: 1377-1419 Cored 42'; recovered 35'.  
All of core recovered was from Pictured Cliffs formation. All core recovered was medium to coarse grained sand, bleeding gas, odor of. Pictured Cliffs formation water on fresh break.

Coring data: Same as above.

CORE #3: 1419-1470 Cored 51'; recovered 51'.  
Entire core was fine grained sand, carrying odor of Pictured Cliffs formation water on fresh break.

Coring data: Same as above except mud viscosity increased to 65 cc and water loss to 7 cc.

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CORE #1:

1836-1878

Cored 36 feet; recovered 18.5'.  
All of core recovered was from Fruitland formation.  
Top 6' shale  
Next 18' sand  
Bottom 2' Carbonaceous sand shale.

Core head:

50" O.D. diameter and produced from Christensen.

Land:

Native mud with redox, some ash, pyroclastic and  
bricks added.  
Water 9.4% per gallon;  
Viscosity 18 sec.  
Water loss 6 cc.

Coring time:

See drilling time.

CORE #2:

1879-1919

Cored 42'; recovered 35'.  
All of core recovered was from Pictured Cliffs  
formation. All core recovered was medium to  
coarse grained sand, bleeding gas, odor of  
Pictured Cliffs formation water on fresh break.

Coring data:

Same as above.

CORE #3:

1919-1970

Cored 51'; recovered 51'.  
Native core was fine grained sand, carrying odor  
of Pictured Cliffs formation water on fresh break.

Coring data:

Same as above except mud viscosity increased to  
65 cc and water loss to 7 cc.