

**BASKER - 2**

Date : 22 Aug 2005

Geology Report Number : 5

(associated DDR # 17)

Well Details

Depth MDBRT:	2,438.0m	Rig:	OCEAN PATRIOT	Date:	22 Aug 2005
Depth TVDBRT:	2,437.9m	RTE amsl:	21.5m	Report Start:	00:00
Depth TVDSS:	2,416.4m	GLE amsl:	155.5m	Report End:	24:00
Progress:	0.0m	Last Csg Size:	13.375in	Days On Location:	16.06
Hole Size:	12.250in	Last Csg Shoe:	1,000.1m	Days since Spud:	7.75
Hole Size Carbide:		F.I.T. / L.O.T.:	0.00ppg / 12.49ppg		

Operations Summary

24hr Summary:	Latrobe Formation at 2089m MD 2067.4m SS. Tuna Flounder channel 2089m MD 2067.4m SS Kate Shale 2405m MD 2383.2m SS.
Forward Plan:	Drill ahead through the Latrobe to section TD. Identify the K2 sand Marker and Ma2 dolomitic sand.

Formation Tops

Formation	Prognosed		Actual		Diff.	Thickness MD	Pick Criteria
	MDBRT	TVDSS	MDBRT	TVDSS	+ / - TVD		
Gippsland Limestone	176.00m	154.00m	177.00m	155.50m	1.50m	1,578.00m	Mud line
Base Pleistocene	599.00m	577.00m					
Lakes Entrance	1,758.00m	1,736.00m	1,755.00m	1,733.50m	-2.50m	334.00m	lithology & LWD
Latrobe Formation	2,092.00m	2,070.00m	2,089.00m	2,067.38m	-2.62m	74.00m	LWD
Base Tuna Flounder Channel	2,167.00m	2,145.00m	2,163.00m	2,141.36m	-3.64m	0.00m	drillbreak
K2 Sand Marker	2,601.00m	2,579.00m					
Ma2 Marker	2,875.00m	2,844.00m					
Top Reservoir ZC1 marker	3,035.00m	2,989.00m					
Top Zone 2	3,095.00m	3,043.00m					
Top Zone 5	3,208.00m	3,146.00m					
Top Volcanics Unit 1	3,313.00m	3,241.00m					
TD	3,380.00m						

Pore Pressure / Wellbore Stability

Estimated Pore Pressure:	8.60
Hole Condition, Cavings:	Normal.
Gas Indicators - BG, TG, CG:	See gas summary.
Losses:	Nothing abnormal.
Remarks:	Nothing abnormal.

06:00 Hrs Update

Time:	06:00 Hrs on 23 Aug 2005
Depth:	2497
Progress Since Midnight:	59
Drilling Status:	Circulating prior to POOH at 2497m for a BHA change for directional control.
Formation:	Currently in a predominantly Siltstone section with minor Sandstone interbeds.
Lithology:	Sandstone and Siltstone. Sandstones generally loose and occasionally pyritic. Siltstone vary from soft to hard and pyritic, glauconitic in part.
ROP:	Ave ROP 15 m/hr.
Gas:	Background gas 5 units, C1 986ppm, C2 13ppm, C3 10ppm, C4 4ppm, C5 0

Wellsite Geologist(s)

(Days) - M.Woodmansee

(Nights) - R.Blackmore

Lithology Report

Depth Interval		Main Lithology	Qualifier	Description
Depth (mRT)	Depth Range			
1030.0	1040.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, sub-blocky, 55% calcerous clay, 45% siliceous clay, 0.1% Coal, 0.1% Feldspar,
1030.0	1040.0	Lst		Limestone, lt gy, lt brnsh gy, Firm, to Moderately hard, blocky,
1020.0	1030.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, sub-blocky, 55% calcerous clay, 45% siliceous clay, 0.1% Coal, 0.1% Feldspar,
1010.0	1020.0	MRL		MARL, vlt gy, lt olv gy, Very soft, to Soft, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 1% Foram, 0.1% Coal,
1010.0	1020.0	Ca		Calcarenite, v lt gy, lt olv gy, Soft, sub-blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% fine grained, 30% medium grained, 10% porosity, hydrocarbon shows.
1006.0	1010.0	Ca		Calcarenite, v lt gy, lt olv gy, Soft, sub-blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% fine grained, 30% medium grained, 10% porosity, hydrocarbon shows.
1006.0	1010.0	MRL		MARL, vlt gy, lt olv gy, Very soft, to Soft, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 1% Foram, 0.1% Coal,
1040.0	1050.0	Lst		Limestone, lt gy, lt brnsh gy, Firm, to Moderately hard, blocky,
1040.0	1050.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, sub-blocky, 55% calcerous clay, 45% siliceous clay, 0.1% Coal, 0.1% Feldspar,
1050.0	1060.0	MRL		MARL, lt gy, lt olv gy occ sl yelsh brn, Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay,
1050.0	1060.0	Lst		Limestone, off wh, v lt gy, Soft, to Firm, to blocky, 100% calcerous clay,
1060.0	1070.0	MRL		MARL, lt gy, lt olv gy occ sl yelsh brn, Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay,
1070.0	1080.0	MRL		MARL, lt gy, lt olv gy occ sl yelsh brn, Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay,
1080.0	1090.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay,
1090.0	1100.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay,
1100.0	1110.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay, 0.1% Pyrite, 0.1% Foram,
1110.0	1120.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 67% calcerous clay, 33% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Coal,
1120.0	1130.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 67% calcerous clay, 33% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Coal,
1130.0	1140.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 67% calcerous clay, 33% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Coal,
1140.0	1150.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 67% calcerous clay, 33% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Coal,
1150.0	1160.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 63% calcerous clay, 37% siliceous clay, 0.1% Pyrite, 0.1% Foram,
1160.0	1170.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 63% calcerous clay, 37% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Coal,
1170.0	1180.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 63% calcerous clay, 37% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Coal,
1180.0	1190.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 65% calcerous clay, 35% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Coal,
1190.0	1200.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 65% calcerous clay, 35% siliceous clay, 0.1% Foram,
1200.0	1210.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 65% calcerous clay, 35% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1210.0	1220.0	Lst		Limestone, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 66% calcerous clay, 34% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1220.0	1230.0	Ca		Calcarenite, lt gy, lt olv gy, Soft, to Firm, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 10% porosity, hydrocarbon shows.
1220.0	1230.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,

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Depth Interval		Main Lithology	Qualifier	Description
Depth (mRT)	Depth Range			
1230.0	1240.0	Ca		Calcarenite, lt gy, lt olv gy, Soft, to Firm, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 10% porosity, hydrocarbon shows.
1230.0	1240.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1240.0	1250.0	Ca		Calcarenite, lt gy, lt olv gy, Firm, to Moderately hard, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 10% porosity, hydrocarbon shows.
1240.0	1250.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1250.0	1260.0	Ca		Calcarenite, lt gy, lt olv gy, Firm, to Moderately hard, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 10% porosity, hydrocarbon shows.
1250.0	1260.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, amorphous, to dispersive, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1260.0	1270.0	Ca		Calcarenite, lt gy, lt olv gy, Firm, to Moderately hard, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 10% porosity, hydrocarbon shows.
1260.0	1270.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Soft, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1270.0	1280.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Firm, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1280.0	1290.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Firm, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1290.0	1300.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Firm, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1300.0	1310.0	MRL		MARL, lt gy, lt olv gy, Very soft, to Firm, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1300.0	1310.0	Ca		Calcarenite, lt gy, lt olv gy, Firm, to Moderately hard, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
1310.0	1320.0	Ca		Calcarenite, lt gy, lt olv gy, Firm, to Moderately hard, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
1310.0	1320.0	MRL		MARL, gn-gy, dk gn-gy, Very soft, to Firm, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1320.0	1330.0	MRL		MARL, gn-gy, dk gn-gy, Soft, to Firm, amorphous, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1330.0	1340.0	MRL		MARL, gn-gy, dk gn-gy, Soft, to Firm, amorphous, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1340.0	1350.0	MRL		MARL, gn-gy, dk gn-gy, occ lt olv gy, Soft, to Firm, blocky, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1350.0	1360.0	MRL		MARL, gn-gy, dk gn-gy, occ lt olv gy, Soft, to Firm, blocky, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1360.0	1370.0	MRL		MARL, gn-gy, dk gn-gy, occ lt olv gy, Soft, to Firm, blocky, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1370.0	1380.0	MRL		MARL, lt-dk gn-gy,, Soft, to Firm, blocky, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1380.0	1390.0	MRL		MARL, lt-dk gn-gy,, Soft, to Firm, sub-blocky, to blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1390.0	1400.0	Ca		Calcarenite, lt brnsh gy, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1390.0	1400.0	MRL		MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram,
1400.0	1410.0	Ca		Calcarenite, lt brnsh gy, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1400.0	1410.0	MRL		MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram,

Lithology Report

Depth Interval		Main Lithology	Qualifier	Description
Depth (mRT)	Depth Range			
1410.0	1420.0	Ca		Calcarenite, lt brnsh gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1410.0	1420.0	MRL		MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram,
1510.0	1520.0	MRL		MARL, lt olv gy, Very soft, to Soft, sub-blocky, 58% calcerous clay, 2% calcerous sand, 40% siliceous clay, 0.1% Coal,
1420.0	1430.0	Ca		Calcarenite, lt brnsh gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1420.0	1430.0	MRL		MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to sub-blocky, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1440.0	1450.0	MRL		MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to dispersive, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1440.0	1450.0	Ca		Calcarenite, lt brnsh gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1430.0	1440.0	Ca		Calcarenite, lt brnsh gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1430.0	1440.0	MRL		MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to sub-blocky, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1450.0	1460.0	Ca		Calcarenite, lt brnsh gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1450.0	1460.0	MRL		MARL, lt grnsh-gy, lt olv gy, Soft, to Firm, amorphous, to dispersive, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1460.0	1470.0	Ca		Calcarenite, lt brnsh gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1460.0	1470.0	MRL		MARL, lt grnsh-gy, lt olv gy, Soft, to Firm, amorphous, to dispersive, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1470.0	1480.0	Ca		Calcarenite, lt brnsh gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1470.0	1480.0	MRL		MARL, lt grnsh-gy, lt olv gy, Soft, to Firm, amorphous, to dispersive, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1480.0	1490.0	Ca		Calcarenite, lt brnsh gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1480.0	1490.0	MRL		MARL, lt grnsh-gy, lt olv gy, Soft, to Firm, amorphous, to dispersive, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1490.0	1500.0	Ca		Calcarenite, lt brnsh gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1490.0	1500.0	MRL		MARL, lt grnsh-gy, lt olv gy, Soft, to Firm, sub-blocky, to blocky, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1500.0	1510.0	Ca		Calcarenite, lt brnsh gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1500.0	1510.0	MRL		MARL, lt grnsh-gy, lt olv gy, Soft, to Firm, sub-blocky, to blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram,
1520.0	1530.0	MRL		MARL, lt olv gy, Very soft, to Soft, sub-blocky, 58% calcerous clay, 2% calcerous sand, 40% siliceous clay, 0.1% Coal,
1530.0	1540.0	MRL		MARL, lt grnsh-gy, lt olv gy, Soft, to Firm, sub-blocky, to blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram,
1540.0	1550.0	MRL		MARL, lt olv gy, Very soft, to Soft, sub-blocky, 40% calcerous clay, 2% calcerous sand, 58% siliceous clay, 0.1% Foram, 0.1% Crinoid, 0.1% Coal,
1550.0	1560.0	MRL		MARL, lt olv gy, Very soft, to Soft, sub-blocky, 40% calcerous clay, 2% calcerous sand, 58% siliceous clay, 0.1% Coal,

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Depth Interval		Main Lithology	Qualifier	Description
Depth (mRT)	Depth Range			
1560.0	1570.0	MRL		MARL, lt olv gy, Very soft, to Soft, amorphous, to sub-blocky, 39% calcerous clay, 5% calcerous sand, 56% siliceous clay, 0.1% Coal, 0.1% Crinoid,
1570.0	1580.0	MRL		MARL, lt olv gy, rare slightly brnsh lt olv gy, Very soft, to Soft, sub-blocky, 39% calcerous clay, 5% calcerous sand, 56% siliceous clay, 0.1% Coal,
1580.0	1590.0	MRL		MARL, lt olv gy, Soft, to Friable, sub-blocky, 39% calcerous clay, 5% calcerous sand, 56% siliceous clay, 0.1% Coal, 0.1% Pyrite,
1590.0	1600.0	MRL		MARL, lt olv gy, Soft, to Friable, sub-blocky, 47% calcerous clay, 5% calcerous sand, 48% siliceous clay, 0.1% Coal, 0.1% Pyrite,
1600.0	1610.0	MRL		MARL, lt olv gy, rare slightly brnsh lt olv gy, Very soft, to Soft, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal, 0.1% Crinoid,
1610.0	1620.0	MRL		MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal, 0.1% Pyrite,
1620.0	1630.0	MRL		MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal, 0.1% Pyrite,
1630.0	1640.0	MRL		MARL, lt olv gy, rr sl brnsh olv gy, Soft, to Firm, sub-blocky, 55% calcerous clay, 5% calcerous sand, 40% siliceous clay, 0.1% Coal, 0.1% Pyrite,
1630.0	1640.0	Lst		Limestone, v lt olv brn, of wh, transl, Firm, to Moderately hard, blocky, 100% calcerous clay,
1640.0	1650.0	Lst		Limestone, v lt olv brn, of wh, transl, Firm, to Moderately hard, blocky, 100% calcerous clay,
1640.0	1650.0	MRL		MARL, lt olv gy, rr sl brnsh olv gy, Soft, to Firm, sub-blocky, 55% calcerous clay, 5% calcerous sand, 40% siliceous clay, 0.1% Coal, 0.1% Pyrite,
1650.0	1660.0	MRL		MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1660.0	1670.0	MRL		MARL, lt olv gy, occ sl brnsh lt olv gy., Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1670.0	1680.0	MRL		MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1680.0	1690.0	MRL		MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1690.0	1700.0	MRL		MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1700.0	1710.0	MRL		MARL, lt olv gy, grnsh gy to off wh, Soft, to Firm, sub-blocky, to blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1710.0	1720.0	MRL		MARL, lt olv gy, grnsh gy to off wh, Soft, to Firm, sub-blocky, to blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1720.0	1730.0	MRL		MARL, lt olv gy, grnsh gy to off wh, Soft, to Firm, sub-blocky, to blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1730.0	1740.0	MRL		MARL, lt olv gy, grnsh gy to off wh, Soft, to Firm, sub-blocky, to blocky, 45% calcerous clay, 10% calcerous sand, 45% siliceous clay, 0.1% Coal,
1740.0	1750.0	MRL		MARL, lt olv gy, grnsh gy to off wh, Soft, to Firm, sub-blocky, to blocky, 45% calcerous clay, 10% calcerous sand, 45% siliceous clay, 0.1% Coal,
1750.0	1760.0	MRL		MARL, lt olv gy, grnsh gy to off wh, Soft, to Firm, sub-blocky, to blocky, 45% calcerous clay, 10% calcerous sand, 45% siliceous clay, 0.1% Coal, 0.1% Pyrite, 0.1% Ooliths, 0.1% Foram,
1760.0	1770.0	MRL		MARL, lt olv gy, grnsh gy to off wh, Soft, to Firm, sub-blocky, to blocky, 40% calcerous clay, 60% siliceous clay, 1% Coal, 0.1% Pyrite, 0.1% Ooliths, 0.1% Foram,
1770.0	1780.0	Clyst		Claystone, lt olv gy, grnsh gy to off wh, Soft, to Firm, sub-blocky, to blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Dolomite cement, 1% Coal, 0.1% Pyrite, 0.1% Ooliths, 0.1% Foram,
1780.0	1790.0	Clyst		Claystone, lt olv gy, grnsh gy, Soft, to Firm, sub-blocky, to blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Dolomite cement, 0.1% Ostracod, 0.1% Foram, 0.1% Pyrite,
1790.0	1800.0	Clyst		Claystone, lt olv gy, lt gy, Soft, to Firm, sub-blocky, to blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Dolomite cement, 0.1% Ostracod, 0.1% Foram, 0.1% Pyrite,
1800.0	1810.0	Clyst		Claystone, lt olv gy, lt gy, Soft, to Firm, sub-blocky, to blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Dolomite cement, 0.1% Ostracod, 0.1% Foram, 0.1% Pyrite,
1810.0	1820.0	Clyst		Claystone, lt-med gy, Very soft, to Soft, amorphous, to sub-blocky, 25% calcerous clay, 75% siliceous clay, 0.1% Foram,
1820.0	1830.0	Clyst		Claystone, lt-med gy, off wh, Very soft, to Soft, amorphous, to sub-blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Foram, 1% Pyrite, 1% Ostracod,

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Depth Interval		Main Lithology	Qualifier	Description
Depth (mRT)	Depth Range			
1830.0	1840.0	Ca		Calcarenite, lt gy, off wh, Soft, to Firm, sub-blocky, to blocky, Sub-angular, Poor sorted, Slightly Elongated, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 1% Foram, 1% Pyrite, 1% Ostracod,
1820.0	1830.0	Ca		Calcarenite, lt gy, off wh, Soft, to Firm, sub-blocky, to blocky, Sub-angular, Poor sorted, Slightly Elongated, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 1% Foram, 1% Pyrite, 1% Ostracod,
1830.0	1840.0	Clyst		Claystone, lt-med gy, off wh, Very soft, to Soft, amorphous, to sub-blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Foram, 1% Pyrite, 1% Ostracod,
1840.0	1850.0	MRL		MARL, lt-med gy, off wh, Very soft, to Soft, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 1% Pyrite, 1% Ostracod,
1850.0	1860.0	Clyst		Claystone, lt-med gy, off wh, Very soft, to Soft, amorphous, to sub-blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Foram, 1% Pyrite, 1% Ostracod,
1860.0	1870.0	Clyst		Claystone, lt med gy, med gy, Very soft, to Soft, amorphous, to sub-blocky, 36% calcerous clay, 64% siliceous clay, 0.1% Pyrite, 0.1% Coal, 0.1% Ostracod,
1870.0	1880.0	Clyst		Claystone, lt med gy, med gy, Very soft, to Soft, amorphous, to sub-blocky, 36% calcerous clay, 64% siliceous clay, 0.1% Pyrite, 0.1% Coal, 0.1% Ostracod,
1880.0	1890.0	Clyst		Claystone, lt med gy, med gy, Very soft, to Soft, amorphous, to sub-blocky, 36% calcerous clay, 64% siliceous clay, 0.1% Pyrite, 0.1% Ostracod,
1890.0	1900.0	Clyst		Claystone, lt med gy - med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 36% calcerous clay, 64% siliceous clay, 0.1% Pyrite, 0.1% Coal, 0.1% Ostracod,
1900.0	1910.0	Clyst		Claystone, lt med gy -med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 36% calcerous clay, 64% siliceous clay, 0.1% Pyrite, 0.1% Ostracod,
1910.0	1920.0	Clyst		Claystone, lt med gy - med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 33% calcerous clay, 67% siliceous clay, 0.1% Pyrite, 0.1% Coal,
1920.0	1930.0	Clyst		Claystone, lt med gy -med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 19% calcerous clay, 81% siliceous clay, 0.1% Pyrite,
1930.0	1940.0	Clyst		Claystone, lt med gy - med gy, Very soft, to Soft, sub-blocky, 19% calcerous clay, 81% siliceous clay, 0.1% Pyrite,
1940.0	1950.0	Clyst		Claystone, lt med gy - md gy, Very soft, to Soft, sub-blocky, 19% calcerous clay, 81% siliceous clay, 0.1% Pyrite, 0.1% Glauconite,
1950.0	1960.0	Clyst		Claystone, lt med gy -med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 16% calcerous clay, 84% siliceous clay, 0.1% Pyrite,
1960.0	1970.0	Clyst		Claystone, lt med gy - med gy, Very soft, to Soft, sub-blocky, 16% calcerous clay, 84% siliceous clay, 0.1% Pyrite,
1970.0	1980.0	Clyst		Claystone, lt med gy - md gy, Very soft, to Soft, sub-blocky, 16% calcerous clay, 83% siliceous clay, 1% siliceous silt, 0.1% Pyrite,
1980.0	1990.0	Clyst		Claystone, lt med gy -med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 16% calcerous clay, 84% siliceous clay, 0.1% Pyrite,
1990.0	2000.0	Clyst		Claystone, lt med gy - med gy, Very soft, to Soft, sub-blocky, 16% calcerous clay, 84% siliceous clay, 0.1% Pyrite, 0.1% Foram,
2000.0	2010.0	Clyst		Claystone, lt med gy - md gy, Very soft, to Soft, sub-blocky, 16% calcerous clay, 83% siliceous clay, 1% siliceous silt, 0.1% Pyrite, 0.1% Foram, 0.1% Crinoid,
2010.0	2020.0	Clyst		Claystone, lt med gy -med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 16% calcerous clay, 84% siliceous clay, 0.1% Pyrite,
2020.0	2030.0	Clyst		
2030.0	2040.0	Clyst		
2040.0	2050.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 18% calcerous clay, 82% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Glauconite,
2050.0	2060.0	Clyst		Claystone, lt med gy - med gy, trace yel brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Glauconite, 0.1% Foram,
2060.0	2070.0	Clyst		Claystone, lt med gy - md gy, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 1% siliceous silt, 0.1% Pyrite,
2070.0	2080.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Glauconite,
2080.0	2090.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Glauconite,
2080.0	2090.0	Sltst		Siltstone, brnsh gy, rdish brn, Very soft, to Friable, sub-blocky, 95% siliceous silt, 5% siliceous sand,

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Depth Interval		Main Lithology	Qualifier	Description
Depth (mRT)	Depth Range			
2080.0	2090.0	Sst		Sandstone, clr, transl, lt olv brn to yel, Loose, to Friable, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 10% fine grained, 60% medium grained, 30% coarse grained, 20% porosity, hydrocarbon shows.
2090.0	2100.0	Sltst		Siltstone, brnsh gy, rdish brn, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 95% siliceous silt, 5% siliceous sand, 5% porosity, hydrocarbon shows.
2090.0	2100.0	Sst		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Pyrite, 20% porosity, hydrocarbon shows.
2090.0	2100.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Glauconite,
2100.0	2110.0	Sltst		Siltstone, brnsh gy, rdish brn, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 95% siliceous silt, 5% siliceous sand, 0.1% Glauconite, 5% porosity, hydrocarbon shows.
2100.0	2110.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Glauconite,
2100.0	2110.0	Sst		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 20% porosity, hydrocarbon shows.
2110.0	2120.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2110.0	2120.0	Sst		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 10% porosity, hydrocarbon shows.
2120.0	2130.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2120.0	2130.0	Sst		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 10% porosity, hydrocarbon shows.
2130.0	2140.0	Sst		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 10% porosity, hydrocarbon shows.
2130.0	2140.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2140.0	2150.0	Sst		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 10% porosity, hydrocarbon shows.
2140.0	2150.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2150.0	2160.0	Sst		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 10% porosity, hydrocarbon shows.
2150.0	2160.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2160.0	2170.0	Sst		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 40% fine grained, 50% medium grained, 10% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 5.0% Glauconite, 20% porosity, hydrocarbon shows.
2160.0	2170.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2170.0	2180.0	Clyst		Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, amorphous, to sub-blocky, 100% siliceous clay, 0.1% Pyrite,
2170.0	2180.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 40% fine grained, 50% medium grained, 10% coarse grained, 0.1% very coarse grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 15% porosity, hydrocarbon shows.

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Depth Interval		Main Lithology	Qualifier	Description
Depth (mRT)	Depth Range			
2180.0	2190.0	Sltst		Siltstone, brnsh gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 80% siliceous silt, 10% siliceous sand, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2180.0	2190.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 40% fine grained, 50% medium grained, 10% coarse grained, 0.1% very coarse grained, 0.1% granular grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 15% porosity, hydrocarbon shows.
2190.0	2200.0	Sltst		Siltstone, brnsh gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 80% siliceous silt, 10% siliceous sand, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2190.0	2200.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 40% fine grained, 50% medium grained, 10% coarse grained, 0.1% very coarse grained, 0.1% granular grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 15% porosity, hydrocarbon shows.
2200.0	2210.0	Sltst		Siltstone, brnsh gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2200.0	2210.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 40% fine grained, 50% medium grained, 10% coarse grained, 0.1% very coarse grained, 0.1% granular grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 15% porosity, hydrocarbon shows.
2210.0	2220.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Sub-rounded, to Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 30% medium grained, 30% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 25% porosity, hydrocarbon shows.
2210.0	2220.0	Sltst		Siltstone, brnsh gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2220.0	2230.0	Sltst		Siltstone, brnsh gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2220.0	2230.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Sub-rounded, to Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 30% medium grained, 30% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 25% porosity, hydrocarbon shows.
2230.0	2240.0	Sltst		Siltstone, brnsh gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2230.0	2240.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite, 0.1% Glauconite, 25% porosity, hydrocarbon shows.
2240.0	2250.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite, 30% porosity, hydrocarbon shows.
2250.0	2260.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite, 30% porosity, hydrocarbon shows.
2260.0	2270.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Sub-angular, to Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite cement, 1.0% Pyrite, 0.1% Chert, 30% porosity, hydrocarbon shows.
2270.0	2280.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Sub-angular, to Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 30% porosity, hydrocarbon shows.
2280.0	2290.0	Sst		Sandstone, clr, transl, wh-yel, Loose, Sub-angular, to Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 30% porosity, hydrocarbon shows.
2290.0	2300.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% medium grained, 30% coarse grained, 40% very coarse grained, 20% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 30% porosity, hydrocarbon shows.
2300.0	2310.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% medium grained, 30% coarse grained, 40% very coarse grained, 20% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 30% porosity, hydrocarbon shows.

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Depth Interval		Main Lithology	Qualifier	Description
Depth (mRT)	Depth Range			
2310.0	2320.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% medium grained, 30% coarse grained, 40% very coarse grained, 20% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 20% porosity, hydrocarbon shows.
2320.0	2330.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% medium grained, 30% coarse grained, 40% very coarse grained, 20% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 20% porosity, hydrocarbon shows.
2320.0	2330.0	Clyst		Claystone, lt brn, med brn, Very soft, to Soft, amorphous, to dispersive, 90% siliceous clay, 10% siliceous silt, 1% Pyrite,
2330.0	2340.0	Clyst		Claystone, lt brn, med brn, Very soft, to Soft, amorphous, to dispersive, 90% siliceous clay, 10% siliceous silt, 1% Pyrite,
2330.0	2340.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 20% porosity, hydrocarbon shows.
2340.0	2350.0	Clyst		Claystone, lt brn, med brn, Very soft, to Soft, amorphous, to dispersive, 90% siliceous clay, 10% siliceous silt, 1% Pyrite,
2340.0	2350.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 0.1% Pyrite cement, 0.1% Dolomite cement, 1% Pyrite, 0.1% Chert, 0.1% Glauconite, 20% porosity, hydrocarbon shows.
2350.0	2360.0	Clyst		Claystone, lt brn, med brn, Very soft, to Soft, amorphous, to dispersive, 90% siliceous clay, 10% siliceous silt, 1% Pyrite,
2350.0	2360.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 5% Pyrite cement, 5% Dolomite cement, 1% Pyrite, 0.1% Glauconite, 10% porosity, hydrocarbon shows.
2360.0	2370.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 5% Pyrite cement, 5% Dolomite cement, 1% Calcite cement, 1% Pyrite, 0.1% Glauconite, 20% porosity, hydrocarbon shows.
2370.0	2380.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, to Friable, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 0.1% Pyrite cement, 0.1% Dolomite cement, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 15% porosity, hydrocarbon shows.
2370.0	2380.0	Clyst		Claystone, lt gy-med gy, Very soft, to Soft, sub-blocky, to blocky, 10% calcereous clay, 90% siliceous clay, 0.1% Pyrite, 0.1% Glauconite,
2380.0	2390.0	Clyst		Claystone, lt gy-med gy, Very soft, to Soft, sub-blocky, to blocky, 10% calcereous clay, 90% siliceous clay, 0.1% Pyrite, 0.1% Glauconite,
2380.0	2390.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, to Friable, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 0.1% Pyrite cement, 0.1% Dolomite cement, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 15% porosity, hydrocarbon shows.
2390.0	2400.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, to Friable, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 0.1% Pyrite cement, 0.1% Dolomite cement, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 20% porosity, hydrocarbon shows.
2390.0	2400.0	Sltst		Siltstone, brn-lt gy, Soft, to Firm, sub-blocky, to blocky, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite cement, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Coal,
2400.0	2410.0	Sltst		Siltstone, brn-lt gy, Soft, to Firm, amorphous, to sub-blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal, hydrocarbon shows.
2400.0	2410.0	Sst		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, to Friable, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 0.1% Pyrite cement, 0.1% Calcite cement, 0.1% Pyrite, 20% porosity, hydrocarbon shows.
2410.0	2420.0	Sltst		Siltstone, gyish bn, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 75%

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Depth Interval		Main Lithology	Qualifier	Description
Depth (mRT)	Depth Range			
				siliceous silt, 5% siliceous sand, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal,
2410.0	2420.0	Sst		Sandstone, clr, transl, occ yel/brn, Loose, to Friable, Sub-angular, to Well Rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 50% medium grained, 20% coarse grained, 20% very coarse grained, 0.1% Pyrite cement, 0.1% Pyrite cement, 0.2% Pyrite, 20% porosity, hydrocarbon shows.
2420.0	2430.0	Sst		Sandstone, clr, transl, occ yel/brn, Loose, to Friable, Sub-angular, to Well Rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 30% fine grained, 40% medium grained, 20% coarse grained, 10% very coarse grained, 0.1% Pyrite cement, 0.1% Pyrite cement, 0.2% Pyrite, 20% porosity, hydrocarbon shows.
2420.0	2430.0	Sltst		Siltstone, gyish bn, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal,
2430.0	2440.0	Sltst		Siltstone, gyish bn, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, % Pyrite cement, 0.1% Pyrite, 0.1% Coal,
2430.0	2440.0	Sst		Sandstone, clr, transl, rare yel/brn, Loose, Sub-angular, to Well Rounded, Well sorted, Slightly Elongated, to Spherical, 100% siliceous sand, 30% fine grained, 70% medium grained, 0.2% Pyrite, 18% porosity, hydrocarbon shows.
2440.0	2450.0	Sltst		Siltstone, gyish bn, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, % Pyrite cement, 0.1% Pyrite, 0.1% Coal,
2440.0	2450.0	Sst		Sandstone, clr, transl, rare yel/brn, Loose, Sub-angular, to Well Rounded, Well sorted, Slightly Elongated, to Spherical, 100% siliceous sand, 30% fine grained, 70% medium grained, 0.2% Pyrite, 18% porosity, hydrocarbon shows.
2450.0	2460.0	Sltst		Siltstone, med dk gy, brnish gy, Very soft, to Hard, amorphous, to blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal, 5% Glauconite,
2450.0	2460.0	Sst		Sandstone, clr, transl, rare yel/brn, Loose, Sub-angular, to Well Rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 10% fine grained, 60% medium grained, 10% coarse grained, 0.2% Pyrite, 18% porosity, hydrocarbon shows.
2460.0	2470.0	Sltst		Siltstone, med dk gy, brnish gy, Very soft, to Hard, amorphous, to blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal, 5% Glauconite,
2460.0	2470.0	Sst		Sandstone, clr, transl, rare yel/brn, Loose, Sub-angular, to Well Rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 10% fine grained, 60% medium grained, 10% coarse grained, 0.2% Pyrite, 18% porosity, hydrocarbon shows.
2470.0	2480.0	Sst		Sandstone, clr, transl, rare yel/brn, Loose, Sub-angular, to Well Rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 10% fine grained, 60% medium grained, 10% coarse grained, 0.2% Pyrite, 18% porosity, hydrocarbon shows.
2470.0	2480.0	Sltst		Siltstone, med dk gy, brnish gy, occasionally grn/brnish gy, Very soft, to Hard, amorphous, to blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal, 5% Glauconite,