ROP (m/hr)
500 50 5 .5
WOB (tons)
50 25 0
MWD Gamma Ray (api)
0 100 200
DEPTH (m) (TVD)
CUTTINGS
LITHOLOGY
%
0 100
TOTAL GAS & CHROMATOGRAPH DATA
C1 C2 C3
iC4 nC4 iC5
nC5 TG
Total Gas in Units
Chromatograph in Percent
.5 5 50 500 5K
.01 .1 1 10 100
CUT FLUOR
good fair poor
DIRECT FLUOR
good fair poor
LITHOLOGICAL DESCRIPTIONS
and
REMARKS
Depth (m) From: 1900 To: 2803
Scale 1:200
Flounder A-02a
1900
1904
(1851.1)
1908
(1855)
1912
(1859)
1916
(1862.9)
1920
(1866.8)
1924
(1870.7)
1928
(1874.7)
1932
(1878.6)
1936
(1882.5)
1940
(1886.4)
1944
CG 12 uABG
Survey:1928.69mMD(1875.3mTVD)
11.77°incl 330.34°az
WOB:7-10
RPM:95
MMRPM:185
SPP:2400
FLOW:615
CLAYSTONE:med gy-med dk gy,lt gy
-lt olv gy ip,mod-sli calc,slty
i/p & g/t SLTST,occ nod & dissem
pyr,tr glauc,tr micmic,sft-frm,
sbblky-blky.
SILTSTONE:med dk gy,arg & com
g/t slty CLYST,tr dissem pyr,tr
micmic,frm,sbblky.
CALCILUTITE:lt gy-lt olv gy,g/t
CLYST i/p,tr foss & dissem pyr,
sft-frm,sbblky-blky,amor i/p.
CLAYSTONE:med dk gy-med gy,rr

gn gy,mod-sli calc,slty & g/t
SLTST,tr glauc,tr lith & vf carb
1948
(1894.2)
CG 40 uABG
spk,tr pyr,sft-frm,sbblky-blky.
1952
(1898.2)
Adding Baracarb to Mud System
1956
(1902.1)
Survey:1957.49mMD(1903.5mTVD)
11.60°incl 329.37°az
Lakes Entrance Formation:
1958.0mMDRT; 1904.0mTVDRT
(-1870.15mTVDSS)
1960
(1906)
1964
(1909.9)
SILTSTONE:med dk gy-olv gy blk,
100 / Tr
arg & g/t calc CLYST,tr dissem
1968
(1913.8)
pyr,tr lith & carb spk,tr micmic
1972
(1917.7)
frm-sft,occ brit,sbblky-sbfiss.
1976
(1921.6)
CG 30 uABG
1980
(1925.6)
LaTrobe Group:
1983mMDRT; 1928.5mTVDRT
(-1894.65mTVDSS)
1984
(1929.5)
Survey:1986.11mMD(1931.5mTVD)
12.40°incl 330.46°az
1988
(1933.4)
100 / Tr
SILTSTONE:gy bn-dsky bn,arg,sli
1992
(1937.3)
calc,mnr-com glauc,tr fn qtz grn

1996
(1941.2)
2000
(1945.1)
2004
(1949)
2008
(1952.9)
2012
(1956.8)
2016
(1960.7)
2020
(1964.6)
2024
(1968.5)
2028
(1972.4)
2032
(1976.3)
2036
(1980.3)
2040
(1984.2)
2044
WOB: 7-20
RPM: 95
MMRPM: 185-
SPP: 2450
FLOW: 615
MW: 9.5
FV: 75
PV: 25
YP: 43
Gel: 11/15
pH: 9.3
Cl: 46k
KCl: 29ppb
CG 90 uABG
Survey: 2015.06mMD(1959.8mTVD)
12.13°incl 330.42°az
100 / Tr
Nil CG
99 / 1
Survey: 2043.78mMD(1987.8mTVD)
tr-rr dissem pyr, tr vf carb spk,
tr carb frag, tr-rr micmic, v sft-
sli disp, v sft-sft i/p, sli stky,
amor.
SILTSTONE: gy gn-dsky bn, non-sli
calc, tr-rr glauc, tr-rr bn carb
mat, tr dissem pyr & loc com nod
pyr, v sft, occ sft, disp, amor.
SILTSTONE: dk yel bn, occ gy bn,
arg, sli calc, tr glauc, tr-rr carb
mat, tr micmic, rr pyr nod, v sft-
sft, amor, disp.

2048
(1991.9)
2052
(1995.8)
2056
(1999.7)
2060
(2003.6)
2064
(2007.5)
2068
(2011.4)
2072
(2015.3)
2076
(2019.1)
2080
(2023)
2084
(2026.9)
2088
(2030.8)
2092
(2034.7)
WOB: 7-20
RPM: 95
MMRPM: 185
SPP: 2500
FLOW: 610
CG 200 uABG
Survey: 2072.44mMD(2015.7mTVD)
14.31° incl 331.30° az
96./4.
CG 462 uABG
SILTSTONE: dk yel bn-gy bn, arg,
sli calc, micmic, tr dissem & nod
pyr, tr vf carb spk, v sft-stky,
disp, amor.
SILTSTONE: dk yel bn, gy bn, arg,
tr vf aren i/p, sli calc, micmic,
tr dissem pyr, sft-v sft, amor, mnr
sbblky.
SILTSTONE: dk yel bn, gy bn, occ
lt gy arg lam, sli calc, micmic,

tr dissem & nod pyr,v sft,amor.
2096
(2038.5)
2100
(2042.4)
Survey:2101.06mMD(2043.4mTVD)
14.00°incl 330.94°az
2104
(2046.3)
96 / 4 / Tr
2108
(2050.2)
SILTSTONE:dk yel bn-occ pl yel
2112
(2054)
bn,v arg,micmic i/p,tr vf carb
Survey:2129.96mMD(2071.4mTVD)
15.19°incl 332.71°az
spk,rr glauc,rr dissem pyr,sft-
2116
(2057.9)
v sft,amor-sbblky.
MW:9.5
FV:69
PV:25
YP:40
Gel:10/13
pH:9.2
Cl:47.5k
KCl:29ppb
2120
(2061.8)
CG 40 uABG
2124
(2065.6)
SANDSTONE:lt gy-med lt gy,vf-med
occ crs qtz,pr srt,ang-sr,wk sil
2128
(2069.5)
cmt,com-abd lt gy arg mtx,tr
Top of P sand:
2132.5mMDRT; 2073.8mTVDRT
(-2039.95mTVDSS)
2132
(2073.4)
dissem pyr,tr carb spk,tr lith,
60 / 14 / 13 / 10 / 3
nil-v pr vis por.
2136
(2077.2)
WOB:5-10
RPM:35
MMRPM:185
SPP:2590
FLOW:605
FLUOR:2130m-2160m'';Tr-10% sptd to ptchy v dim v pl yel fluor,inst wk blmng mlky yel c/c,mod thk pl yel ring res.
2140
(2081)
2144

07-09-03
2148
(2088.7)
2152
(2092.5)
2156
(2096.3)
2160
(2100.2)
2164
(2103.9)
2168
(2107.7)
2172
(2111.4)
2176
(2115.2)
2180
(2119)
2184
(2122.7)
2188
(2126.5)
2192
(2130.2)
WOB:20
RPM:0-70
MMRPM:182
SPP:2500
FLOW:610
69 / 14 / 10 / 5 / 2
CG 80 uABG
Survey:2159.25mMD(2099.5mTVD)
18.21°incl 334.37°az
63 / 15 / 12 / 7 / 3
CG 123 uABG
76 / 9 / 8 / 5 / 2
Survey:2187.25mMD(2125.8mTVD)
21.60°incl 334.98°az
SANDSTONE:med lt gy-med gy,vf-f,
occ med,tr lse crs qtz,mod srt,
ang-sr,wk sil cmt,mnr-com arg
mtx,tr pyr incl,rr-mnr qtz
o/grth,g/t f-med w/- dpth,pr-fr
inf por.
SANDSTONE:med lt gy-med gy,f-med
occ crs qtz grn,mod srt,ang-sr,
wk sil cmt,abd lt gy arg mtx,tr
dissem pyr,rr pyr incl,tr carb
spk,pred fri agg,pr vis por,
no fluor.
SILTSTONE:dk yel bn-mod yel bn,
arg,com f aren,micmic i/p,mnr
dk bn lith,rr carb spk,sft-v sft
sbblky-amor.
CLAYSTONE:pl yel bn,non calc,sli

2196
(2133.8)
2200
(2137.5)
2204
(2141.2)
2208
(2144.9)
2212
(2148.6)
2216
(2152.3)
2220
(2155.9)
2224
(2159.5)
2228
(2163.1)
2232
(2166.7)
2236
(2170.3)
2240
(2174)
2244
CG 70 uABG
81 / 7 / 6 / 4 / 2
Survey: 2215.89mMD(2152.2mTVD)
24.11°incl 332.81°az
79 / 6 / 7 / 5 / 3
CG 50 uABG
97 / 1 / 1 / 1
89 / 10 / 1 / Tr
Bit #2: 8½"
Smith FG20
Jets:1x30,2x24
In:2243m
TG 160 units
slty,tr vf dissem pyr,sft-sli
disp,sbblky-blky.
FLUOR:2190m-2215m;Tr-5% ppt to sptd pl yel fluor,inst wk slw bldng cut,inst blmng mlky yel c/c,thn -mod pl yel ring residue.
SANDSTONE:v lt gy-lt gy,vf-f,
com med & rr crs,pr srt,sa-rnd,
wk sil cmt i/p,com arg mtx,rr
qtz o/grth,rr dissem pyr,tr feld
v sft-fri,occ frm,lse,nil-v pr
vis por,fluor.
SANDSTONE:clr-trnsl,opq,med-crs,
com f & v crs,mod-mod pr srt,sa,
ang & sr i/p, sr-sa w/- dpth,tr
pyr cmt & incl in crs grn,tr sil
cmt,loc com off wh-lt gy kaol
mtx,com bit frac grn,qtz o/grth,
occ nod pyr,dom cln lse grn-hd
agg,ti vis & pr inf por,no fluor

08-09-03
Out:2391m
Run:148m
Hrs:23.4
Cond:8-8-LC-1/2/3
-F/F/F-3-CR-PR
Survey:2244.50mMD(2178.0mTVD)
26.55°incl 332.81°az
2248
(2181.1)
2252
(2184.7)
90 / 2 / 4 / 4
2256
(2188.2)
2260
(2191.8)
WOB:25-66
RPM:0-70
MMRPM:182
SPP:2590
FLOW:620
2264
(2195.3)
CG 73 uABG
2268
(2198.8)
2272
(2202.4)
Survey:2272.84mMD(2203.1mTVD)
28.75°incl 329.75°az
2276
(2205.8)
2280
(2209.3)
2284
(2212.7)
2288
(2216.2)
2292
(2219.6)
FLUOR:2245m-2255m:Tr-5% ppt-sptd,
dll yel,v wk inst pl mlky yel cut,
v dim thn,pl yel-wh rng res,no vis
ring in wh lt.
SANDSTONE:med lt gy-med gy,pred
f-med,mnr v crs qtz,pr-mod srt,
sa-rnd,rr qtz o/grth,mnr sil cmt
rr-mnr pyr cmt & incl,mnr arg
mtx,tr carb detr,tr glauc grn,
tr micfoss,v sft-fri,pred disagg
qtz,fr inf por.
SILTSTONE:dk yel bn,sli calc,
tr carb flk,rr pyr,tr micmic,
arg i/p,sbblky-sbfiss,v sft-sft
FLUOR:2270m-2280m:Tr sptd dim pl
yel,no cut,ext wk dim pl yel c/c
v fnt v dim w pl yel-wh rng res,
no vis rng in wh lt
SILTSTONE:dk yel bn-med yel bn,

2296
(2223)
2300
(2226.5)
2304
(2229.8)
2308
(2233.1)
2312
(2236.4)
2316
(2239.7)
2320
(2243)
2324
(2246.3)
2328
(2249.6)
2332
(2252.8)
2336
(2256)
2340
(2259.2)
2344
CG 34 uABG
89 / 4 / 5 / 3 / Tr
CG 40 uABG
88 / 5 / 3 / 2 / 2
82 / 12 / 4 / 1 / 1
Survey: 2301.31mMD(2227.6mTVD)
32.66°incl 329.75°az
Survey: 2329.86mMD(2251.1mTVD)
36.22°incl 329.93°az
Base Tuna Flounder Channel:
2330.0mMDRT; 2251.5mTVDRT
(-2217.65mTVDSS)
WOB: 30-66
RPM: 0-65
MMRPM: 182
SPP: 2550
FLOW: 600
arg,rr pl gn glauc,tr carb frag,
tr mica,tr dissem & xln pyr,stky
v sft-sft,amor.
FLUOR:2300m-2330m;10%-Tr ppt-spt d pl yel-mod bri yel orng,v wk slw bldng,pl yel cut,inst mlky gn-yel c/c,mod thk pl grn yel rng res,v fnt clr rng vis in wh lt.
SANDSTONE:med lt gy-med gy,trnsl
pred f-med,rr vf,mnr v crs qtz
grn,v pr srt,sa-rnd,tr-rr str
pyr cmt,rr sil cmt agg,loc com
arg mtx,rr qtz o/grth,pl gn
glauc,rr f xln pyr,v pr vis por,
pr-fr inf por.
SILTSTONE:dk-dsky yel bn,arg,non
-v sli calc,tr pyr,tr carb,tr
micmic,v sft,stky,disp,amor.
DOLOMITE:dsky yel bn,micrxln,mod

09-09-03
2348
(2265.6)
2352
(2268.8)
2356
(2271.9)
2360
(2275.1)
2364
(2278.2)
2368
(2281.4)
2372
(2284.5)
2376
(2287.6)
2380
(2290.7)
2384
(2293.8)
2388
(2297)
2392
(2300)
MW:9.5
FV:64
PV:25
YP:41
Gel:10/15
pH:9.3
Cl:49.0k
KCl:30ppb
83 / 12 / 3 / 1 / 1
Survey:2359.02mMD(2274.3mTVD)
38.88°incl 330.45°az
85 / 7 / 3 / 2 / 1
Survey:2371.48mMD(2284.1mTVD)
38.87°incl 333.16°az
82 / 12 / 5 / 1
CG 80 uABG
93 / 5 / 1
Survey:2388.13mMD(2297.1mTVD)
38.50°incl 329.86°az
Bit #3: 8½"
Smith FG20
Jets:1x30,2x24
In:2391m
Out:2637m
Run:246m
Hrs:37.5
Cond:3-2-WT/BT-1/2/3
-E/E/E-3-ER-HR
hd-hd,brit.
COAL:blk,sbvit-vit,hd-v hd,blky,
sbconch-irreg frac,conch i/p.
SANDSTONE:clr-frstd,med-crs,mod
wl srt,sr-rnd,pr cmt,occ sil cmt
& pyr cmt agg,com slty mtx,pred
lse,occ hd-v hd agg,fr-pr inf
por,no fluor.
FLUOR:2365m-2375m;Tr spt d dull pl yel,no cut,pl gn c/c,mod thk bri yel gn rng res,no vis ring in wh lt.
COAL:bn-blk,ea,g/t SHALE,loc
com pyr,fri,blky-sbconch frac.
SILTSTONE:dk yel bn-med yel bn,
arg,v sli calc i/p,rr vf dissem
carb mat,tr pyr agg,loc micmic,
v sft-sft,amor.
SANDSTONE:lt gy-v lt gy,vf-f,rr-
10-09-03

2396
(2303.1)
2400
(2306.1)
2404
(2309.1)
2408
(2312.2)
2412
(2315.2)
2416
(2318.3)
2420
(2321.2)
2424
(2324.1)
2428
(2327)
2432
(2330)
2436
(2332.9)
2440
(2335.8)
2444
92 / 6 / 2 / Tr / Tr
SHCL Marker:
2406.6mMDRT; 2311.6mTVDRT
(-2277.75mTVDSS)
85 / 11 / 3 / 1 / Tr
Survey: 2416.83mMD(2318.9mTVD)
42.45° incl 331.83° az
77 / 16 / 5 / 1 / 2
WOB: 30-50
RPM: 0-95
MMRPM: 185
SPP: 2750
FLOW: 610
mnr med,mod srt,sa-sr,tr sil cmt
com-abd wh kaol mtx,tr xln dol
i/p,rr nod pyr,rr carb flk,sft-
lse,pr inf por,fluor.
FLUOR: 2395-2405; Tr in dolomite,sptd mod bri yel,wk slw pl yel cut,inst gr yel c/c,tr lt bn oil stn.
COAL: bn-blk,occ dll bn,rr ea,gen
sbvit,sbconch,sbblky-blky,frm-
v frm.
SANDSTONE: v lt gy-lt gy,wh,vf-
f,g/t med-crs & v crs w/- incr
depth,pr srt,sa-sr,tr sil cmt,
rr-loc mnr wh arg mtx,tr nod
pyr,pr-fr inf por,no fluor.
SILTSTONE: lt olv gy,med yel bn-
dk yel bn,arg,sli calc i/p,rr
carb lath & lam,tr pyr,sbblky-
blky.
SANDSTONE: clr-trnsl,med gy,f-med
& crs,rr v crs grn,pr srt,sr-

Survey: 2445.44mMD(2339.8mTVD)
43.87°incl 331.98°az
rnd,occ wl rnd,non-sli calc,tr
pyr agg,mnr wh arg mtx,rr-mnr
2448
(2341.7)
75 / 5 / 7 / 1 / 2
qtz o/grth,tr lith,pred disagg
2452
(2344.7)
qtz grn,fr-gd inf por,no fluor.
SILTSTONE:lt bn-pl yel bn,mod bn
2456
(2347.7)
-bn,gy,lt olv gy,arg,com carb
2460
(2350.7)
micmic,carb i/p g/t COAL,mnr
aren i/p,g/t vf SST,sft-stky
2464
(2353.7)
72 / 16 / 8 / 1 / 3
amor.
FLUOR:2460m-2465m;Tr ppt mod bri yel,v wk slw bldng cut,wk mlky yel c/c,med mod bri yel ring residue.
2468
(2356.7)
2472
(2359.8)
Survey: 2474.07mMD(2361.3mTVD)
38.51°incl 335.08°az
SANDSTONE:lt olv gy-olv gy,wh
MW: 9.5
FV: 64
PV: 24
YP: 40
Gel: 9/15
pH: 9.3
Cl: 46.5k
KCl: 29ppb
i/p,f-med,rr crs grn,mod wl srt,
2476
(2362.8)
74 / 15 / 7 / 2 / 2
sa-sr,rr-mnr wk sil cmt,tr sid
CG 17 uABG
2480
(2365.9)
cmt,com wh kaol mtx,lse,occ fri-
frm agg,rr qtz o/grth,rr-mnr pl
2484
(2369.1)
Mid Palaeocene Marker Coal:
2486.4mMDRT; 2371.0mTVDRT
(-2337.15mTVDSS)
gy lith,tr-rr mica,rr dissem
carb spk,tr-vf pyr,pr inf por,no
2488
(2372.2)
83 / 12 / 4 / 1 / Tr
fluor.
11-09-03
2492
(2375.3)

2496
(2378.5)
2500
(2381.6)
2504
(2384.7)
2508
(2387.8)
2512
(2391)
2516
(2394.1)
2520
(2397.2)
2524
(2400.3)
2528
(2403.4)
2532
(2406.5)
2536
(2409.6)
2540
(2412.7)
2544
WOB:15-25
RPM:0-100
MMRPM:180
SPP:2820
FLOW:605
Survey:2502.61mMD(2383.7mTVD)
38.45°incl 335.48°az
CG 58 uABG
82 / 12 / 4 / 1 / 1
Survey:2531.19mMD(2405.9mTVD)
39.29°incl 335.30°az
70 / 18 / 8 / 3 / 1
SANDSTONE:lt olv gy,trnsl-trnsp,
f-v crs,pred med-crs,pr-mod srt,
sa-rnd,occ ang,tr pyr cmt,tr wh
kaol mtx,rr qtz o/grth,tr vf xln
pyr incl in qtz,tr gy lith,tr Fe
stn,gd inf por,fluor.
FLUOR:2505m-2545m;Tr sptd dll yel
-orng fluor.v wk dim pl yel cut,inst
wk gn-yel c/c,v thn,fnt dll yel r/r.
SANDSTONE:lt olv gy,trnsl i/p,
f-v crs,pred f-med,pr-mod srt,sa
-rnd,tr pyr cmt,tr wh kaol mtx
i/p,rr vf xln pyr incl in qtz,
mnr qtz o/grth,pred lse,gd inf
por,fluor.
SANDSTONE:lt olv gy,trnsl i/p,f-
v crs,pred med-crs,pr-mod srt,sa
-sr,v pr cmt,tr kaol mtx,lse,tr
pyr agg,tr pl gy lith,gd inf por

2548
(2418.9)
2552
(2421.9)
2556
(2425)
2560
(2428.1)
2564
(2431.2)
2568
(2434.3)
2572
(2437.4)
2576
(2440.5)
2580
(2443.6)
2584
(2446.7)
2588
(2449.7)
2592
(2452.8)
67 / 19 / 11 / 2 / 1
Survey: 2559.97mMD(2428.1mTVD)
39.87°incl 335.27°az
79 / 12 / 9
Survey: 2589.01mMD(2450.5mTVD)
38.93°incl 335.13°az
fluor.
SANDSTONE: lt olv gy-olv gy,trnsl
-rr trnsp,f-v crs,pred med-crs,
pr-mod srt,sa-rnd,rr wl rnd,tr-
rr wh kaol mtx,mnr qtz o/grth,tr
pyr agg & cmt i/p,tr f pyr incl,
tr dol cmt,tr ser mica,tr pl gy
lith,pred lse,occ hd agg,fr inf
por,no fluor.
SILTSTONE: olv gy,arg,non calc,
rr vf dissem carb spk,amor,v sft
v disp.
FLUOR: 2575m-2580m; Tr ppt-sptd dll yel orng,slw strmng mlky yel cut, dim pl yel ring residue.
SILTSTONE: olv gy,dk nb gy i/p,

WOB:15-25
RPM:0-100
MMRPM:185
SPP:2805
FLOW:610
MW:9.6
2596
(2455.9)
2600
(2459)
2604
(2462.2)
2608
(2465.3)
2612
(2468.4)
2616
(2471.5)
2620
(2474.5)
2624
(2477.6)
2628
(2480.7)
2632
(2483.8)
2636
(2486.9)
2640
(2490)
2644
90 / 7 / 3
82 / 12 / 4 / 2 / Tr
Survey:2616.01mMD(2471.5mTVD)
39.31°incl 334.73°az
86 / 8 / 4 / 1 / 1
Bit #4: 8½"
Smith FG20
Jets:1x30,2x24
In:2637m Out:2748m
Run:111m Hrs:25.8
Cond:8-8-LC/LT-1/2/3
-F/F/F/15-RG-HR
76 / 5 / 2 / 12 / 5
arg,occ v sli calc,tr carb frag,
tr-rr vf xln dissem pyr,tr mica
flk,tr f pyr agg,v sft,disp.
SILTSTONE:dk yel bn,olv blk,arg,
mnr-com aren lam,micmic,tr carb
frag,tr vf dissem carb spk,tr
vf dissem pyr,v sft-sft,disp.
SANDSTONE:pl yel bn,dk yel bn
i/p,trnsl i/p,vf,occ f,g/t SLTST
i/p,mod srt,sa-sr,abdt arg mtx,
wk sil cmt,mnr felds,rr carb spk
rr dissem pyr,rr mica flk,tr
pl gn glauc,nil-v pr vis por,
no fluor.
SILTSTONE:olv gy-olv blk,pred
arg,occ bec vf aren i/p,tr carb
frag,tr vf qtz grn,tr vf pl gn

FV:68
PV:27
YP:46
Gel:10/19
pH:9.2
Cl:43.5k
KCl:28ppb
13-09-03
WOB:25-30
RPM:0-75
MMRPM:185
SPP:3050
FLOW:610
2648
(2496.1)
2652
(2499.2)
2656
(2502.3)
2660
(2505.3)
2664
(2508.4)
2668
(2511.5)
2672
(2514.5)
2676
(2517.6)
2680
(2520.6)
2684
(2523.7)
2688
(2526.7)
2692
(2529.8)
Survey:2643.54mMD(2492.7mTVD)
39.80°incl 334.52°az
84 / 7 / 2 / 2 / 5
Survey:2675.58mMD(2517.3mTVD)
40.05°incl 334.10°az
84 / 10 / 4 / 1 / 1
Top T-1.1 Sand:
2691.9mMDRT; 2529.7mTVDRT
(-2495.85mTVDSS)
85 / 9 / 4 / 1 / Tr
glauc grn,tr-rr vf xln pyr,occ
v thn carb flk,v sft-stky,amor.
SILTSTONE:gn-blk,tr olv gy-olv
blk,arg,v sli-sli calc,tr carb
frag,tr dissem pyr,rr-mnr dsky
yel gn glauc,tr-rr micmic,v sft-
stky,sbblky-blky.
SANDSTONE:pl yel bn-dk yel bn,
olv gy i/p,slty-vf,vf-f i/p,tr
med,pr-mod srt,sr-rnd,mod str-
str dol cmt & mnr pyr cmt,rr arg
mtx i/p,mnr pel glauc,mnr dissem
pyr,rr felds,tr mica flk,no por,
no fluor.
FLUOR:2690m-2735m;Tr-10%,ppt-sptd mod
bri gn-yel,v slw pl mlky cut,inst mlky
grn-yel c/c,thn-mod thk mod bri grn yel
r/r g/t flm res,no vis res in wh lt.

2696
(2532.8)
2700
(2535.9)
2704
(2538.9)
2708
(2542)
2712
(2545)
2716
(2548.1)
2720
(2551.1)
2724
(2554.1)
2728
(2557.2)
2732
(2560.2)
2736
(2563.2)
2740
(2566.3)
2744
WOB:15-20
RPM:0-100
MMRPM:185
SPP:3120
FLOW:610
MW:9.55
FV:72
PV:27
YP:45
Gel:11/22
pH:9.3
Cl:46.5k
KCl:28ppb
80 / 11 / 5 / 2 / 1
Survey:2704.02mMD(2539.0mTVD)
40.51°incl 333.56°az
75 / 13 / 7 / 3 / 2
67 / 16 / 10 / 5 / 2
Survey:2726.90mMD(2556.3mTVD)
40.71°incl 333.58°az
65 / 16 / 11 / 5 / 3
46 / 12 / 17 / 13 / 12
SANDSTONE:v lt gy,lt gy,trnsl-
frstd/opq qtz,f-med,mnr crs,mod
srt,sb-ang,occ rnd,mnr arg/kaol
mtx,rr dol cmt,mnr qtz o/grth,tr
ptchy pl gn gy glauc,tr vf pyr,
tr xln pyr,fr-gd inf por.
SILTSTONE:olv blk,occ olv gy,
tr-rr dissem carb spk,tr pl gn
glauc,tr dissem pyr,tr carb/coal
frag,sft-v sft,sbblky-blky,occ
sbfiss.
DOLOMITE:v pl org-pl yel bn,
pred as sft blky rock flour,occ
frm & fri agg,tex destroyed by
bit wear,sptd-ptchy dull yel org
min fluor.
SANDSTONE:trnsl-pl yel bn cmtd
agg,f-v crs,pred f-med,pr-mod

14-09-03
15-09-03
2748
(2572.4)
2752
(2575.4)
2756
(2578.5)
2760
(2581.6)
2764
(2584.6)
2768
(2587.7)
2772
(2590.8)
2776
(2593.9)
2780
(2597.1)
2784
(2600.2)
2788
(2603.3)
2792
(2606.5)
Bit#5: 8½"
Smith GF30
Jets:1x30,2x24
In:2748m
Out:2803m
Run:55m
Hrs:10.4
Cond:6-4-BT/WT-N1/2/3
-E/E/E-2-ER-TD
WOB:15-25
RPM:0-100
MMRPM:185
SPP:3120
FLOW:610
MW:9.65
FV:82
PV:27
YP:50
Gel:12/23
pH:9.3
Cl:47.5k
KCl:28ppb
TG: 30 Units
97 / 2 / 1
80 / 12 / 5 / 2 / 1
93 / 5 / 2
Base T-1.1 Sand:
2749.9mMDRT; 2573.7mTVDRT
(-2539.85mTVDSS)
Survey:2761.16mMD(2582.4mTVD)
39.98°incl 333.49°az
Top T-1.2 Sand:
2765.1mMDRT; 2585.5mTVDRT
(-2551.65mTVDSS)
Survey:2783.99mMD(2600.2mTVD)
38.26°incl 333.88°az
srt,sa-sr,trnsl-rr trnsp qtz,com
qtz o/grth,sli calc,mod-v str
dol cmt,tr cmtd agg,mnr-com pyr
cmt,mnr kaol mtx,tr glauc,tr vf
pyr incl,tr Fe stn,frm-mod hd,
fri i/p,ti-no por,v pr inf por,
20-30% sptd-ptchy mod bri yel
org min fluor.
SILTSTONE:olv gy-olv blk,dk yel
bn i/p,rr mnr dk gn gy-gn blk,
arg,sli calc,rr-mnr glauc,tr-rr
vf dissem carb spk,tr mic,tr pyr
agg,tr vf-f qtz grn,v sft-disp,
sbblky-blky,occ sft-frm & blky-
sbfiss,amor.
SANDSTONE:v lt gy-lt olv gy,vf-
occ f,slty i/p,sa-sr,occ ang,
abd arg/kaol mtx,tr glauc,tr
mic,tr felds,tr carb spk,sft-fri
no por,no show.

2796
(2609.7)
2800
(2612.8)
2804
(.)
2808
79 / 13 / 6 / 2
COAL:blk,bn blk,dll,mnr vit,pred
ea,wdy tex,loc bnd,g/t CARB
SLTST,tr pyr agg,mod hd-hd,brit,
sbconch i/p,occ sbfiss.
7" Casing Shoe Set @ 2796.9m
FLOUNDER A-02a REACHED TD @
2803.0mMDRT (2615.2mTVDRT)
@ 10:15 HRS ON 15-09-2003
Reeves Electric Logging Run
RUN 1:MCG-MDN-MPD-MDL-MSS-MMR