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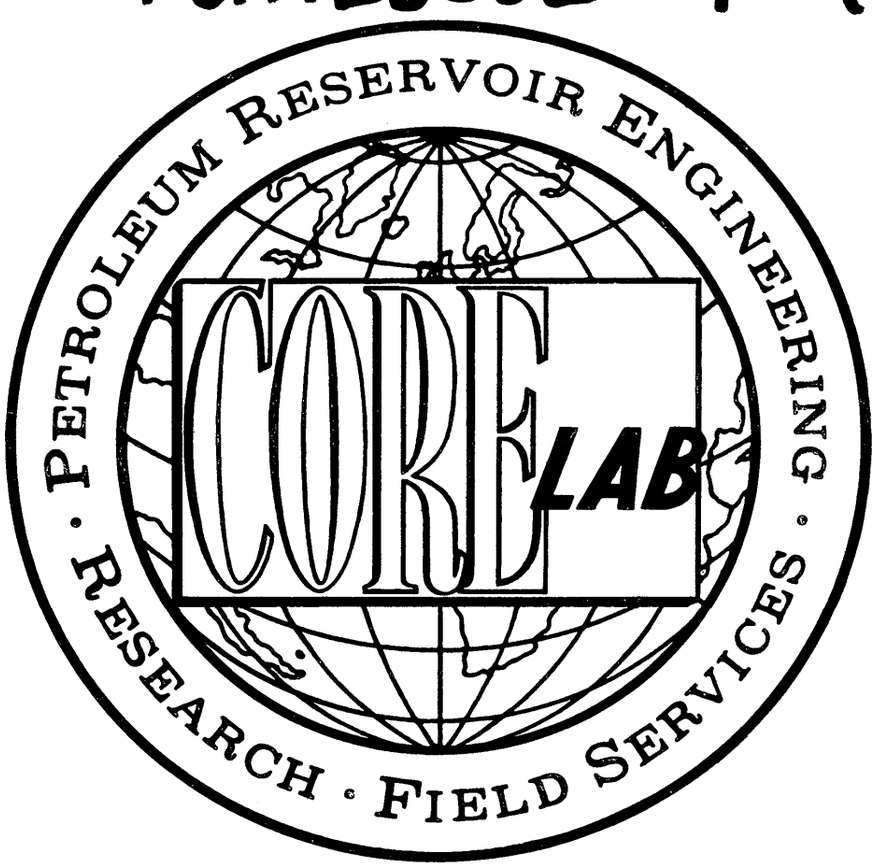
ATTACHMENT TO WCR
EXTENDED SERVICE
WELL REPORT
FORTESCUE-4 (W721)



* ES WIRELINE LOG MISSING

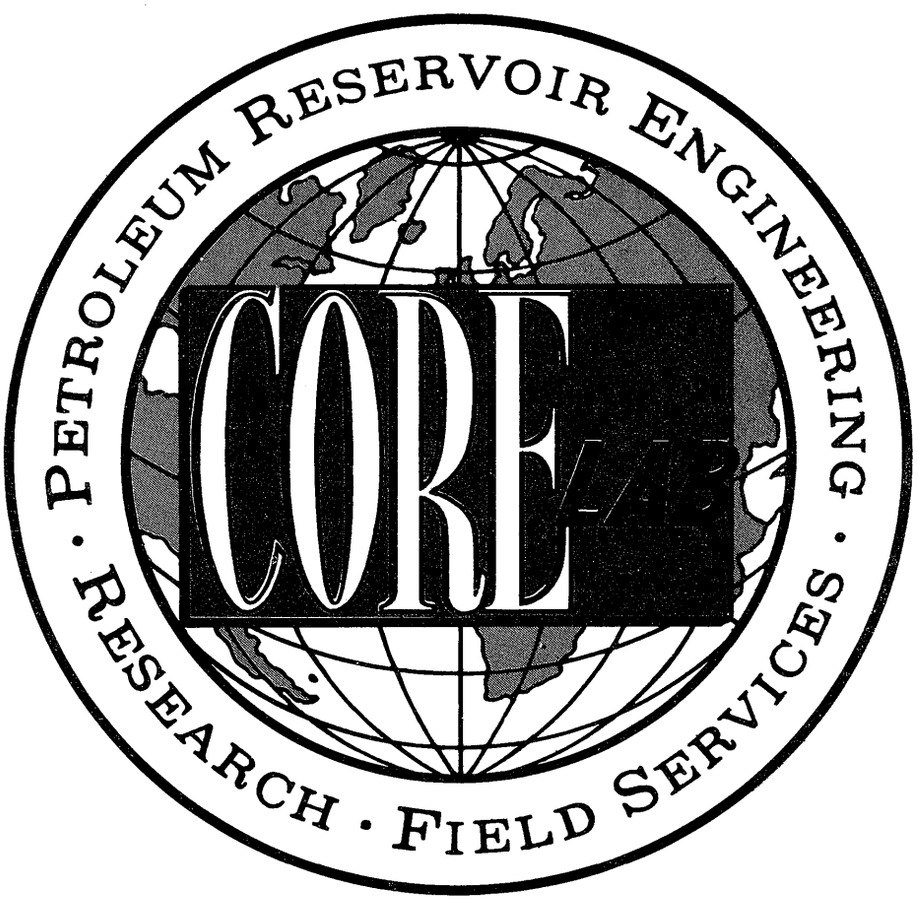
EXTENDED SERVICE

ESSO AUSTRALIA LTD.

"FORTESQUE # 4"

EXTENDED SERVICE WELL REPORT

OIL and GAS DIVISION



CORE LABORATORIES INTERNATIONAL LTD.

24A, LIM TECK BOO ROAD. SINGAPORE 19.

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CORE LABORATORIES AUSTRALIA (QLD.) LTD.

Petroleum Reservoir Engineering
PERTH, AUSTRALIA

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WESTERN AUSTRALIA 6106

CABLE ADD: CORELAB PERTH
TELEX NO: CORLAB AA 94706
TELEPHONE 451 3088

1st April, 1979.

Esso Australia Ltd.,
P.O. Box 372,
Sale, 3850,
Victoria, AUSTRALIA.

ATTENTION: Mr. D. Attaway.

Dear Sir,

Accompanying this Well report for your inspection and reference are all logs and relevent data pertaining to the drilling of FORTESQUE # 4. If you have any queries or suggestions on the presentation of this well report or the data found within, please do not hesitate to contact us.

Core Laboratories Australia (Qld) Ltd., appreciates being of assistance to Esso Australia Ltd., during the drilling of FORTESQUE # 4, and look forward to our continuing association on future exploratory work in Australia.

Yours sincerely,

For
ANDREW P. PIETSCH,
UNIT SUPERVISOR.

FORTESQUE # 4 was drilled by Esso Australia Ltd., in the Gippsland Basin of the Bass Strait. The development well was drilled by ODECO's semi-submersible drilling rig the "Ocean Endeavour". The well was spudded in a water depth of 68m on the 18th March, 1979 and total depth of 2602m was reached at 0300 hours on the 31st March, 1979.

Well location co-ordinates being,

Latitude,	38°	27'	57.88"	S
Longitude,	148°	16'	35.48"	E

A Core Laboratories Extended Service fully integrated computer unit (with back-up facilities) was located on board the "Ocean Endeavour" to monitor all drilling parameters below 508mm casing depth. All computer data found within this report is stored on magnetic tape and can be retrieved at any time, at the request of the client.

A Core Laboratories well site crew consisted of the following.

Unit Superviosr	-	Andrew Pietsch
E.S. Engineer	-	Peter Lane
	-	Chris Floyd
	-	Graham Bulner
Mud Loggers	-	Lynn Morgan
	-	Manuel Zapata
	-	Roy Smith
	-	Joel Rappoport

FORTESQUE # 4 WELL SUMMARY.

FORTESQUE # 4 was spudded on the 18th March, 1979, in a water depth of 68m. A 660.4mm hole was drilled to a depth of 244m, using lightly treated sea water as the drilling fluid with returns to the sea floor 508.0mm casing was run and set at 227.9m. Following this, 93m of marine riser was run and the blowout preventer stack positioned. A 381mm hole was then drilled to a depth of 875m.

The lithology over the section 244 to 875m consisted mainly of fine grained calcarenite, some shell fragments, forams and coral, soft calcilutite, and firm calcisiltite with ocassional fine grained sand. Drilling rates averaged from 60 to 120 m/hr while background gas varied from 0 to 20 units. Chromatographic analysis indicated that only methane was present. Higher background gas values corresponded to faster drilling rates. All of the observed drilling parameters indicated that this section of the hole was drilled in an overbalanced condition. The high correlative porosity and the erratic "d" exponents calculated for this section of the hole indicated that it was drilled by extrusion rather than the cutting action of the bit. The extrusion drilling factor encountered in extremely soft and unconsolidated formations is not, considered in the "d" exponent equation.

The following Schlumberger wireline logs were run prior to running the 273.05mm casing;

ISF - Sonic	875 to 227.9m (base of 508mm casing).
FDC - GR	875 to 93m (sea floor).

273.05mm casing was set at 857.8m. After drilling out the casing shoe and 6 m of new formation, a pressure integrity test was carried out. This resulted in a equivalent fracture pressure of 1.62 S.G. (13.5ppg). No breakdown of formation occured, therefore this figure is only a guide to the maximum usable mud weight

Drilling resumed with a 250.83mm bit to a depth of 2390m. The drillingfluid used was treated sea water/gel. The lithology over the interval 875 to 1800m consisted of firm calcilutite with forams and coral, marl and minor interbedded siltstone. From 1800 to 2000m the formation was firm siltstone and marl. From 2000 to 2290m the formation was entirely firm mudstone. Drilling from 2290 to 2390 was in firm, fissile shale.

Rates of penetration over the interval ranged from 20 to 50 m/hr with background gas of between trace and 10 units. Chromatographic analysis indicated that only methane was present. Connection gas of 2 to 5 units above background gas was recorded over the intervals 1325 to 1385m, 1730 to 1785m, and 1855 to 1915m. This can probably be attributed to minor swabbing caused by the accumulation of cuttings around drill collars in the soft and sticky formation encountered in the above section of the hole. The mud weight over this section of the hole was maintained at 1.08 S.G. The hole packed off around the collars at 2374.5m. This was alleviated by pulling of the bottom, working the pipe with low flow rates and circulating off bottom till cleared.

From 2330m the mud weight was built to 1.12 S.G. preparatory to drilling into the top of the Latrobe Formation, which was the primary objective of the well. The top of the Latrobe Formation was predicted to be at 2395m. No significant drilling breaks were seen in the lower part of the Lakes Entrance Formation, so it was decided to continuously core from 2390m to the oil/water contact.

Cores were cut at the following intervals;

Core # 1	2390.0 - 2402.4 meters	(100% recovery).
Core # 2	2402.4 - 2411.4 meters	(100$ recove y).
Core # 3	2411.4 - 2425.2 meters	(100% recovery).
Core # 4	2425.2 - 2438.8 meters	(91% recovery).
Core # 5	2438.8 - 2451.4 meters	(66% recovery).
Core # 6	2451.4 - 2464.6 meters	(77% recovery).

Descriptions of the above cores can be found at the end of the graphalog enclosed in this report. After core # 5 was cut the core rathole was reamed out using a 250.83mm bit. Good oil shows were encountered in cores between 2417 and 2457m, while Chromatographic analysis of gas over this interval indicated C1-C6 Hydrocarbons.

After Core # 6 had been cut drilling continued to a total depth of 2602m using a 250.83mm bit. The lithology over the interval 2465 to 2602m was mainly sandstone with interbedded coal and siltstone. Drilling rates ranged from 10 to 35 m/hr and the background gas was a trace to 2 units. Chromatographic analysis indicated the presence of methane, ethane and propane initally but towards the bottom of the section only methane was evident,

The hole was conditioned prior to running the following Schlumberger wireline logs:

ISF -Sonic	2602 to 875.8 meters
FDC -CNL	2602 to 875.8 meters
Dual laterlog	2602 to 875.8 meters
H T	
RFT	
CST	

A total of 7 RFT samples were taken and this included 23 pressure seats. The results of these tests are tabulated below:

RFT #	SEAT #	DEPTH (Meters)	PRESSURE (psi)
1	1	2450	3360
2	2	2563	2557.5
	3	2551	3540.1
	4	2538	3518.8
	5	2508	3477.1
	6	2498.5	3464.1
	7/1	2482.5	Tight
	7/2	2482.3	3438.4
	8	2462	3426.6
	9	2445.5	3403.2
	10	2436	3392.2
	11	2445.5	3402.3
	12	2450	3408.1
3	13	2449.5	3408.7

RFT #	SEAT #	DEPTH (Meters)	PRESSURE (psi)
4	14	2443	3398.2
5	15/1	2476	Tight
	15/2	2476.5	3438.1
	16	2469.5	Tight
	17	2470	3330
	18	2433.5	3388.4
6	19	2438	3494.9
	20	2438	3390.9
7	21	2423.5	Tight
	22	2424.5	Tight
	23	2432.5	3388.9

All pressures recorded with the Schlumberger RFT tool indicate that the Latrobe Formation in FORTESQUE # 4 is normally pressured.

Considering all data recorded for this well it is our opinion that FORTESQUE # 4 was normally pressured throughout.

BIT DATA SHEET.

FORTESQUE # 4.

BIT NUMBER	INTERVAL		METERS CUT	HOURS	CONDITION
2	244	- 875m	631	5.3	2 - 3 - I
3	875	- 1422m	547	18.3	2 - 8 - I
4	1422	- 1919m	497	16.8	3 - 8 - 1/8"
5	1919	- 2390m	471	14.8	2 - 7 - I
CB 1	2390	- 2402.4m	12.4	9.7	
CB 2	2402.4	- 2411.4m	9	3.6	
RR CB 2	2411.4	- 2425.2m	13.8	2.5	
RR CB 2	2425.2	- 2438.8m	13.5	0.8	
CB 3	2438.8	- 2451.4m	12.6	3.0	
* 6	2390	- 2451.4m	61.4	2.1	1 - 1 - I
RR CB 1	2451.4	- 2464.6m	13.2	4.0	
7	2464.6	- 2602m	137.4	9.5	2 - 4 - I

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* BIT NUMBER 6 WAS USED TO REAM THE CORE RAT HOLE.

CORE LABORATORIES EXTENDED SERVICE EQUIPMENT

A. MUDLOGGING

1 Hot Wire Gas Detector.
1 Total FID Gas Chromatograph.
1 FID Chromatograph.
1 Carbon Dioxide Detector.
1 Hydrogen Sulphide Detector.
1 Cutting Gas Analyser.
1 Shale Density Apparatus.
1 Thermal Extractor (Steam Still).
1 U-V Light, Microscope & Other Geological Testing Equipment.
6 Chart Recorders For All Drilling Parameters.

B. CORE ANALYSING

1 Complete On-Site Core Analysis Equipment For Porosity, Permeability & Fluid Saturation Measurements.
1 Core Slabbing Saw.

C. COMPUTER SYSTEM & PERIPHERALS

2 Hewlett Packard 2100A Computers.
2 Texas Instruments Keyboard-Send Receive Units.
3 Computer Digital Displays.
2 Hewlett Packard 7210A Plotters.
4 Linc Tape Magnetic Recorders.
1 Hewlett Packard HP65 Programmable Calculator.

D. EXTERNAL SENSING APPARATUS INCLUDED

2 Mud Density Sensors.

2 Mud Temperature Sensors.

2 Mud Resistivity Sensors.

1 Rotary Speed Sensor.

1 Hookload Sensor.

1 Rotary Torque Sensor.

1 Pump Pressure Sensor.

1 Casing Pressure Sensor.

1 Mud Flow Out Sensor.

1 Gas Trap.

1 Depth & Rate Of Penetration Sensor.

2 Pump Stroke Counters.

3 Pit Level Sensors.

1 Trip Tank Level Sensor.

1 Six-Extension Intercom System.

RIG DESCRIPTION

The Ocean Endeavour is a self-propelled octagonal shaped semi-submersible drilling rig, constructed for Ocean Drilling & Exploration Company by Transfield (WA) Pty. Ltd., Perth, Western Australia.

The unit is 320' long, 266' wide with 7,000 HP twin screw diesel electric propulsion. The hull consists of four parallel pontoons, each measuring 28' in diameter. Four 12" diameter and eight 24" diameter stabilising columns are connected to the four pontoons. The tops of the columns which support the main deck of the rig are 120' from the base of the pontoons. The unit has capabilities of drilling at 70' draft in water depths up to 1,000'. The Ocean Endeavour is designed to withstand waves up to 110' with 15 seconds periods, simultaneously with 3 knot current and 100 knot winds and still remain within the American Bureau of Shipping allowable stress levels.

RIG EQUIPMENT

1 Lee C. Moore 40' x 40' x 162' Cantilever Mast rated 1,400,000 API GNC.

1 Continental-Emsco C-3 Type 2 Drawworks grooved for 1.375" line, V-200 Parmac Hydromatic Brake, Emsco Catheads, Sandreel Assembly mounted on Drawworks, driven by three 1,000 HP DC Motors.

1 Continental-Emsco 37.5" Rotary Driven by 1,000 HP DC Motor with 2 speed transmission.

1 Continental-Emsco RA-60-6-1.375" Traveling Block, rated 650 ton.

1 Continental-Emsco 650 ton Swivel, L650.

1 Bryon-Jackson Hydrahook, rated 500 ton.

1 Lee C. Moore 6-60" Sheave Crown, 1-60" Fast Line Sheave.

1 Koomey Accumulator, 320 gallon, 3,000 PSI W.P., with electric Master and Remote Panels.

1 18.75" 5,000 PSI Cameron BOP System with 600' 22" Vetco Marine Riser.

4 Riser Tensioners, 80,000 lbs. units.

1 Motion Compensator, Rucker 400,000 lbs.

2 Continental-Emsco FA-1300 Triplex Pumps, 6.5" x 12", driven by 1,300 HP DC Motor, each supercharged with a 5" x 6" Mission Centrifugal Pump.

1 Sub-Sea Television System.

2 Mission 6x 8R, H30 Centrifugal Mud Mix Pumps with 10.5" Impellers and 100 HP AC Motors.

3 Milchem Triple RVS-96 Shale Shakers.

10,000' 5" O.D. 19.5 lbs./ft., Grade E Drill Pipe.

5,000' 5" O.D. 19.5 lbs./ft., G-105 Drill Pipe.

30 8" O.D. Drill Collars.

24 6.5" O.D. Spiral Drill Collars.

2 Favco Cranes with 120' Booms, rated 40 tons at 30' radius and 23 tons at 90' radius.

1 Halliburton HT 400 Cement Unit, Pioneer T-16-4 Desilter, Pioneer T-10-6 Desander, Pit-O-Graph and Swaco Degasser.

8 Clarke Chapman 1 Drum Electric Anchor Windlasses, each with one 1,000 HP DC Motors, rated 440,000 lbs. pull.

8 30,000 lbs. LWT Anchors with 3,600' of 3" Steel Link Anchor Chain.

1 International Electric Corporation Offshore Technology Corporation, Adaptive Oceanography Data Reporting System for monitoring and recording, with Hole Position Indicator Recorder and Riser Angle Indicator Recorder.

STORAGE CAPACITY

Fuel	-	6,972 bbls.
Drill Water	-	14,320 bbls.
Potable Water	-	385 bbls.
Dry Mud	-	140 s. tons.
Bulk Mud & Cement	-	9,600 cu.ft.
Liquid Mud	-	1,344 bbls.

DESCRIPTION OF LOGS

Core Laboratories Extended Service Package includes sensors, recorders and computer facilities useful in the prediction and measurement of abnormal formation pressures and in obtaining rapid, effective and safe drilling.. In addition to plots of variables important for pressure detection and drilling optimisation there are available wireline log interpretation programs for the wellsite geologist, well bore hydraulics (synthesis and analysis), well kill, bit nozzle selection, swab and surge created by drill pipe movement, drill bit performance programmes for the well-site drilling supervisors. As there are two computer systems on board, these programmes can be run while the main computer system is in the real-time drilling mode.

The E.S. Logs include the following:

E.S. Drill Log - Scale 1:5000

Information plotted on this log includes rate of penetration, 'd' exponent corrected for mud weights, total mud gas as measured by the hot wire detector, shale density of drilled cuttings, casing depth, bit runs, dates and other relevant drilling information. Both rate of penetration and total gas are plotted on a semi log scale and shale density on a linear scale. The 'd' exponent is the primary overpressure detection plot. Corrected 'd' exponent, 'dcs' is rate of penetration normalised for rotary speed, weight on bit per inch of diameter and mud weight. The modification of 'dcs' was first implemented by Rhem & McClendon, to compensate for increases in mud weight. This particular procedure involves multiplying the standard 'd' exponent value by the

inverse ratio of the mud weight increase. A multiplier of nine (9) was originally used for convenience to return the magnitude of the 'dcs' to a comparable value of its uncorrected state. In Core Lab's real-time drilling programmes a multiplier of ten (10) is used. An overlay is used on the 'dcs' to give a quantitative measurement of formation pore pressure. This method of pore pressure prediction is very accurate for homogenous shales but where the sandstone/siltstone ratio varies a great deal, inaccuracies may occur, consequently all other variables are considered in assigning a value to pore pressure.

E.S. Temperature Log

The three variables on the Core Laboratories E.S. temperature log are:-

1. Temperature differential between suction and flowline drilling fluids, is on the left of the E.S. log.
2. Flowline temperature is the middle plot.
3. The end to end normalised flowline temperature is on the right of the log.

The temperature differential plot or delta T plot emphasizes changes in flowline temperature caused by surface effects such as mud addition or cooling during trips. Accompanying the plot are notations identifying the causes for temperature irregularities. The flowline temperature plot illustrates the change in flowline temperature during a bit run. Each bit run is labelled and the temperatures are logged to correspond to mud circulated from the bottom as the foot was cut. There are also notations to explain accountable variations.

E.S. Pressure Log

Information plotted on this log includes formation pore pressure, E.C.D. (equivalent circulating density) and formation fracture pressure. The formation pore pressure plotted on this log is estimated from all formation pressure indicators. This is a conclusion log, therefore plotted data may well be modified on results from formation breakdown tests (PIT Tests), FIT's or DST's. The E.S. pressure log is the best estimation of downhole formation pressure conditions by the Core Lab well-site E.S. Engineer, based upon all relevant well data processed throughout the well drilling operations. This log is plotted on linear graph paper at a vertical scale of 1:5,000 to coincide with all other E.S. logs.

E.S. Geoplot 1

This log includes rate of penetration, corrected 'd' exponent, drilling correlative porosity, formation fracture pressure, pore pressure and equivalent circulating density. It is plotted by the computer, either during the actual drilling of the hole or after TD, from the drilling data stored on magnetic tape. Once again this log is plotted on a 1:5,000 vertical scale. The horizontal dashed lines indicate the initation of a new bit run.

E.S. Geoplot 2

This log is similar to the Geoplot 1 in that it is computer plotted. However the following variables are plotted:- weight on bit, rotary speed, pump pressure and mud density in.

Grapholog

Scale 1:500, containing drilling rate, hot wire total gas, chromatographic analysis, percentage strip lithology, lithology descriptions and remarks column, casing points, individual bit runs, dates, mud data, deviation surveys and core descriptions.

Coregraph

Scale 1:50 containing lithology, permeability, porosity, total water, oil saturation.

EXTENDED SERVICE PACKAGE

1. ONLINE REAL TIME DRILLING PROGRAMME

The following parameters are calculated monitored and/or displayed while this programme is in operation.

DEPTH
CORRECTED 'd' EXPONENT
DRILLING POROSITY
FORMATION PORE PRESSURE
ROTARY TORQUE
BIT LIFE (ON BOTTOM)
PUMP PRESSURE
MUD FLOWRATE IN (AT COMPUTED EFFICIENCY)
MUD DENSITY IN
EQUIVALENT CIRCULATING DENSITY
ROTARY R.P.M.
CUMULATIVE BIT TURNS
FORMATION FRACTURE GRADIENT
MUD DENSITY OUT
TIME OF DAY
PLASTIC VISCOSITY
YIELD POINT
BIT TIME FOR ECONOMICS CALCULATIONS
OFF BOTTOM INDICATOR
MUD TEMPERATURE IN
MUD TEMPERATURE OUT
MUD RESISTIVITY IN
MUD RESISTIVITY OUT
MUD FLOWRATE OUT
RATE OF PENETRATION (FEET/HOUR, MINUTES/FOOT)
MAXIMUM HOOKLOAD
CURRENT LOAD

HYDROSTATIC PRESSURE
CASING PRESSURE
ANNULAR PRESSURE LOSS
TRIP MARGIN
ROCK MATRIX STRENGTH
ROCK STRENGTH
COST PER FOOT
BIT LIFE REMAINING
BEARING LIFE REMAINING
STRING PRESSURE LOSS
BIT PRESSURE LOSS
JET VELOCITY
IMPACT FORCE
HYDRAULIC HORSEPOWER
PIT LEVEL (SUCTION)
PIT LEVEL (RETURN)
GAS (%)
ANNULAR VOLUME
MUD DENSITY AT BIT
OVERALL PUMP EFFICIENCY
SYSTEMS FLOW EXPONENT
STRING VOLUME
SLIPSET INDICATOR

2. ONLINE PLOTTING CAPABILITY

STANDARD PLOT OF: DEPTH, RATE OF PENETRATION, CORRECTED 'd' EXPONENT, DRILLING POROSITY, EQUIVALENT CIRCULATING DENSITY, FRACTURE GRADIENT, PORE PRESSURE
(PLOT SCALED TO SUIT CLIENT REQUIREMENTS)

OPTION TO PLOT ANY OF THE FOLLOWING PARAMETERS ON A PLOT SCALED TO SUIT CLIENT REQUIREMENTS, WHILST IN THE REALTIME DRILLING MODE.

- RATE OF PENETRATION
- CORRECTED 'd' EXPONENT
- DRILLING POROSITY
- PORE PRESSURE
- EQUIVALENT CIRCULATING DENSITY
- FRACTURE GRADIENT
- PIT VOLUME (TOTAL)
- PIT VOLUME (SUCTION OR RETURN)
- COST PER UNIT DEPTH
- PUMP PRESSURE
- STROKE RATE PUMP ONE
- STROKE RATE PUMP TWO
- ROTARY TORQUE
- R.P.M. (ROTARY)
- MUD TEMPERATURE IN
- MUD TEMPERATURE OUT
- MUD DENSITY IN
- MUD DENSITY OUT

WEIGHT ON BIT
MAXIMUM HOOKLOAD
ROCK STRENGTH
BIT TOOTH HEIGHT REMAINING
BEARING LIFE REMAINING
STRING PRESSURE LOSS
BIT PRESSURE LOSS
JET VELOCITY
IMPACT FORCE
HYDRAULIC HORSEPOWER
ROCK MATRIX STRENGTH
PRESSURE LOSS IN THE ANNULUS
CASING PRESSURE
MUD RESISTIVITY IN
MUD RESISTIVITY OUT
MUD FLOWRATE IN
MUD FLOWRATE OUT
HYDROSTATIC PRESSURE
EQUIVALENT CIRCULATING DENSITY - PORE PRESSURE (DIFFERENTIAL)
FRACTURE GRADIENT - EQUIVALENT CIRCULATING DENSITY
MUD TEMPERATURE OUT - MUD TEMPERATURE IN
MUD DENSITY OUT - MUD DENSITY IN

3. ONLINE REALTIME DRILLING COMPUTER PRINTOUTS (5 OPTIONS)

SELECTION 1 : DEPTH, TIME, RATE OF PENETRATION, WEIGHT ON BIT, ROTARY R.P.M., MUD DENSITY IN, MUD DENSITY OUT, EQUIVALENT CIRCULATING DENSITY, PORE PRESSURE, FRACTURE GRADIENT, DRILLING POROSITY, CORRECTED 'd' EXPONENT

SELECTION 2 : DEPTH, TIME, COMPUTED ROCK STRENGTH, MUD TEMPERATURE IN, MUD TEMPERATURE OUT, MUD RESISTIVITY IN, MUD RESISTIVITY OUT, YIELD POINT, PLASTIC VISCOSITY, MUD VOLUME IN, MUD DENSITY IN OVERRIDE VALUE, NUMBER OF RECORDS.

SELECTION 3 : DEPTH, STEPS, CUMULATIVE HOURS, WEIGHT ON BIT, MAXIMUM HOOKLOAD, CURRENT HOOKLOAD, WEIGHT ON BIT OVERRIDE VALUE, STROKES PER MINUTE (PUMP ONE), STROKE PER MINUTE (PUMP TWO), PUMP PRESSURE, CASING PRESSURE, HYDROSTATIC PRESSURE.

SELECTION 4 : DEPTH, RATE OF PENETRATION, ROTARY R.P.M., WEIGHT ON BIT, MUD DENSITY IN, STROKES PER MINUTE (PUMP ONE), STROKES PER MINUTE (PUMP TWO), MUD VOLUME IN, PUMP PRESSURE, PLASTIC VISCOSITY, YIELD POINT, MUD TEMPERATURE IN, MUD TEMPERATURE OUT, MUD RESISTIVITY OUT.

SELECTION 5 : (WIDE CARRIAGE PRINTER FORMAT), DEPTH, TIME, RATE OF PENETRATION, WEIGHT ON BIT, ROTARY R.P.M., MUD DENSITY IN, MUD DENSITY OUT, EQUIVALENT CIRCULATING DENSITY, MUD TEMPERATURE IN, MUD TEMPERATURE OUT, PORE PRESSURE, FRACTURE GRADIENT, DRILLING POROSITY, CORRECTED 'd' EXPONENT, CUMULATIVE HOURS, PUMP STROKE RATE (ONE), PUMP STROKE RATE (TWO), MUD VOLUME IN, PUMP PRESSURE, CASING PRESSURE.

COST PER METRE CHARTS

INTERVAL	.. .. ..	METRES
METERAGE	.. .. ..	METRES
BIT SIZE	.. .. ..	MILLIMETRES
JET SIZE	.. .. ..	MILLIMETRES
CONDITION	.. .. ..	TEETH/BEARING/GAUGE
COST	.. .. ..	DOLLARS PER METRE (AUSTRALIAN)

HOURS AND BIT TURNS ARE THE ACTUAL HOURS AND TURNS ON BOTTOM.

CORE LAB **ESP**

COST PER METRE GRAPH

UNIT NO. FL 176 BIT NO. 2

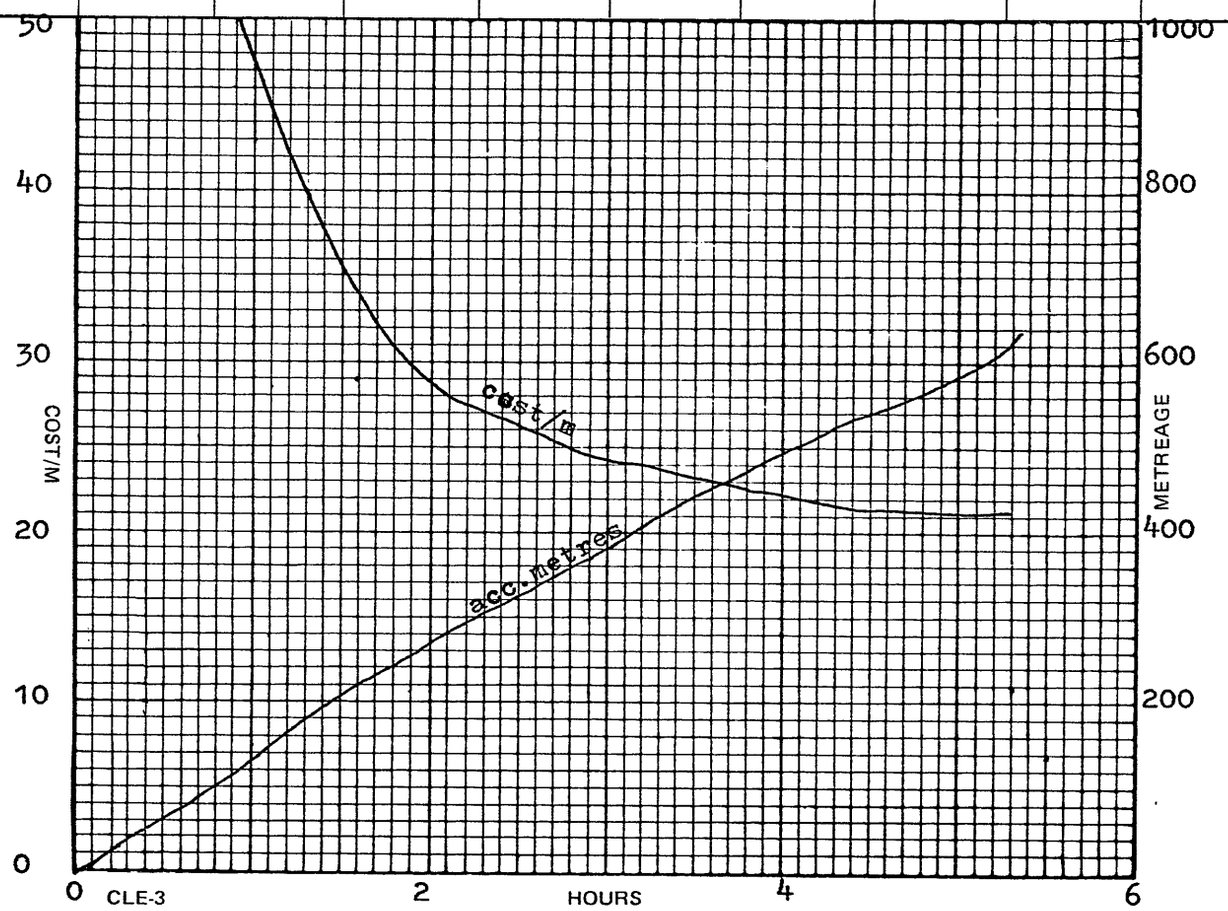
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE #4	GIPPSLAND BASIN	244 - 875m

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
	HTCOSC 3AJ	381mm	631m	50,000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	$ 962	3 x 15.88mm	5.3	2 - 3 - I

RIG COST/HR $ 1700

TRIP TIME 2 Hrs

HRS	BIT-TURNS	DEPTH	ACC M	COST M	HRS	BIT-TURNS	DEPTH	ACC M	COST M
1	5,000	368	124	49					
2	14,000	513	269	29					
3	21,000	628	384	25					
4.2	35,000	758	514	22					
5.2	46,000	836	592	21					
5.3	50,000	875	631	21					



CORE LAB **ESP**

COST PER METRE GRAPH

UNIT NO. 176 BIT NO. 3

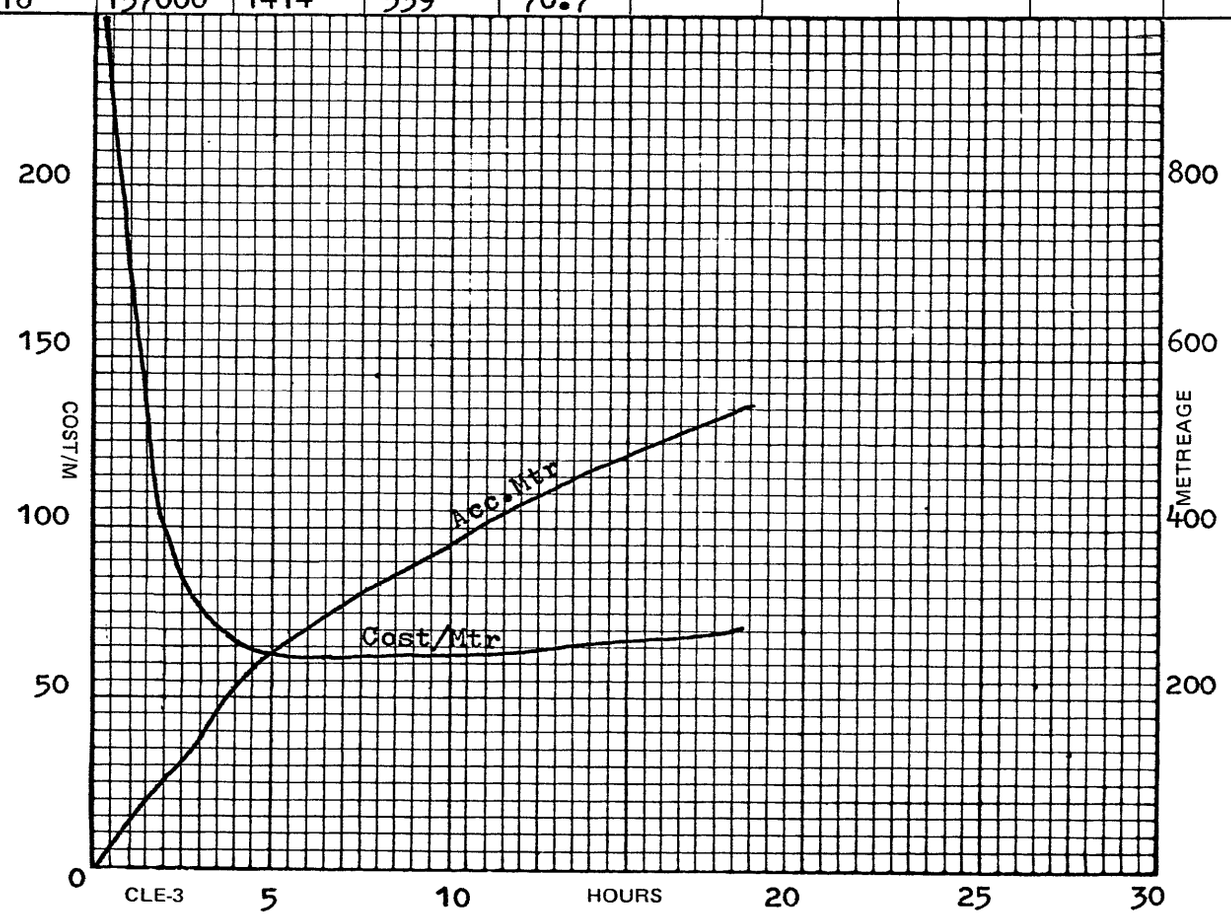
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	875 - 1422m

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
	HTC X3A	250.83mm	547m	161000
	COST	JETS 2 x 7.94mm 1 x 8.73mm	HOURS RUN	CONDITION
	$710		18.3	2.8.I.

RIG COST/HR $1700

TRIP TIME 4

HRS	BIT-TURNS	DEPTH	ACC M	COST M	HRS	BIT-TURNS	DEPTH	ACC M	COST M
1	6000	928	53	173.7	18.3	161000	1422	547	70.9
2	13000	982	107	102.0					
3.2	24000	1053	178	72.8					
4.2	33000	1097	222	66.0					
5	42000	1124	249	64.3					
6	51000	1154	279	63.5					
7	59000	1183	308	63.0					
8.2	71000	1214	339	63.3					
9.2	79000	1239	364	63.6					
10.5	91000	1270	395	65.1					
11.2	97000	1287	412	64.4					
12	105000	1306	431	64.8					
13	113000	1325	450	65.8					
14	122000	1344	469	66.8					
15	131000	1362	487	67.8					
16	140000	1380	505	68.7					
17	149000	1398	523	69.6					
18	157000	1414	539	70.7					



COST PER METRE GRAPH

CORE LAB **ESP**

UNIT NO. FL 176 BIT NO. 4

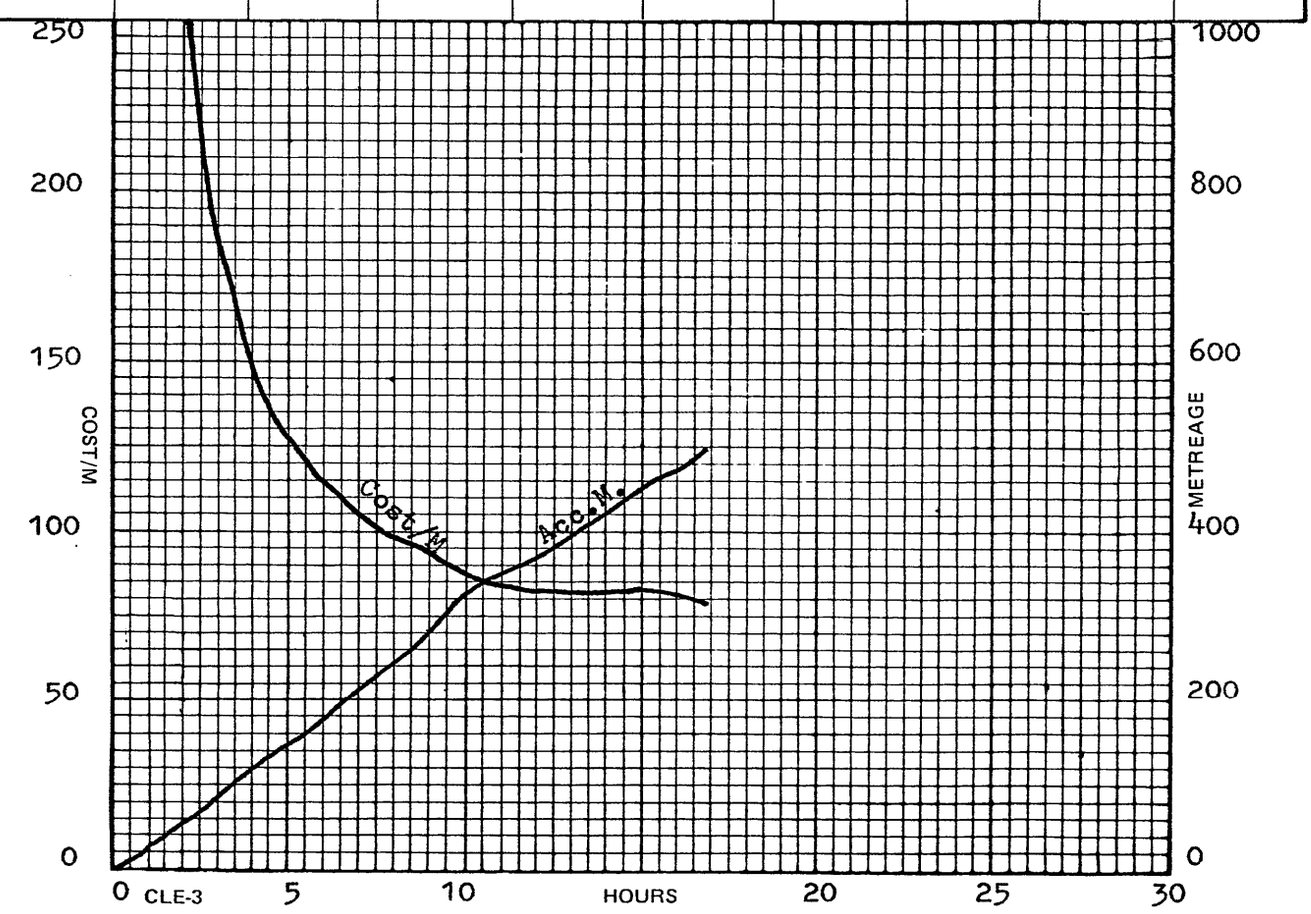
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	1422 - 1919m

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
	HTC X3A	250.83mm	497.0m	150,000
	COST	JETS 2 x 7.94mm	HOURS RUN	CONDITION
	$710	1 x 8.73mm	16.8	3.8.0 1/8"

RIG COST/HR $1700

TRIP TIME 6

HRS	BIT-TURNS	DEPTH	ACC M	COST M	HRS	BIT-TURNS	DEPTH	ACC M	COST M
1	8000	1444	22	573					
2	16000	1475	53	270					
3	26000	1508	86	186.2					
4	34000	1542	120	147.6					
5	43000	1572	150	129.4					
6	52000	1606	184	114.7					
7	62000	1638	216	105.6					
8	71000	1668	246	99.6					
9	79000	1704	282	92.9					
10	89000	1745	323	86.4					
11	98000	1770	348	85.1					
12	107000	1795	373	83.9					
13	115000	1818	396	83.4					
14	124000	1840	418	83.0					
15	133000	1866	444	82.0					
16	142000	1894	472	80.7					
16.8	150000	1919	497	79.4					



COST PER METRE GRAPH

CORE LAB **ESP**

UNIT NO. FL 176 BIT NO. 5

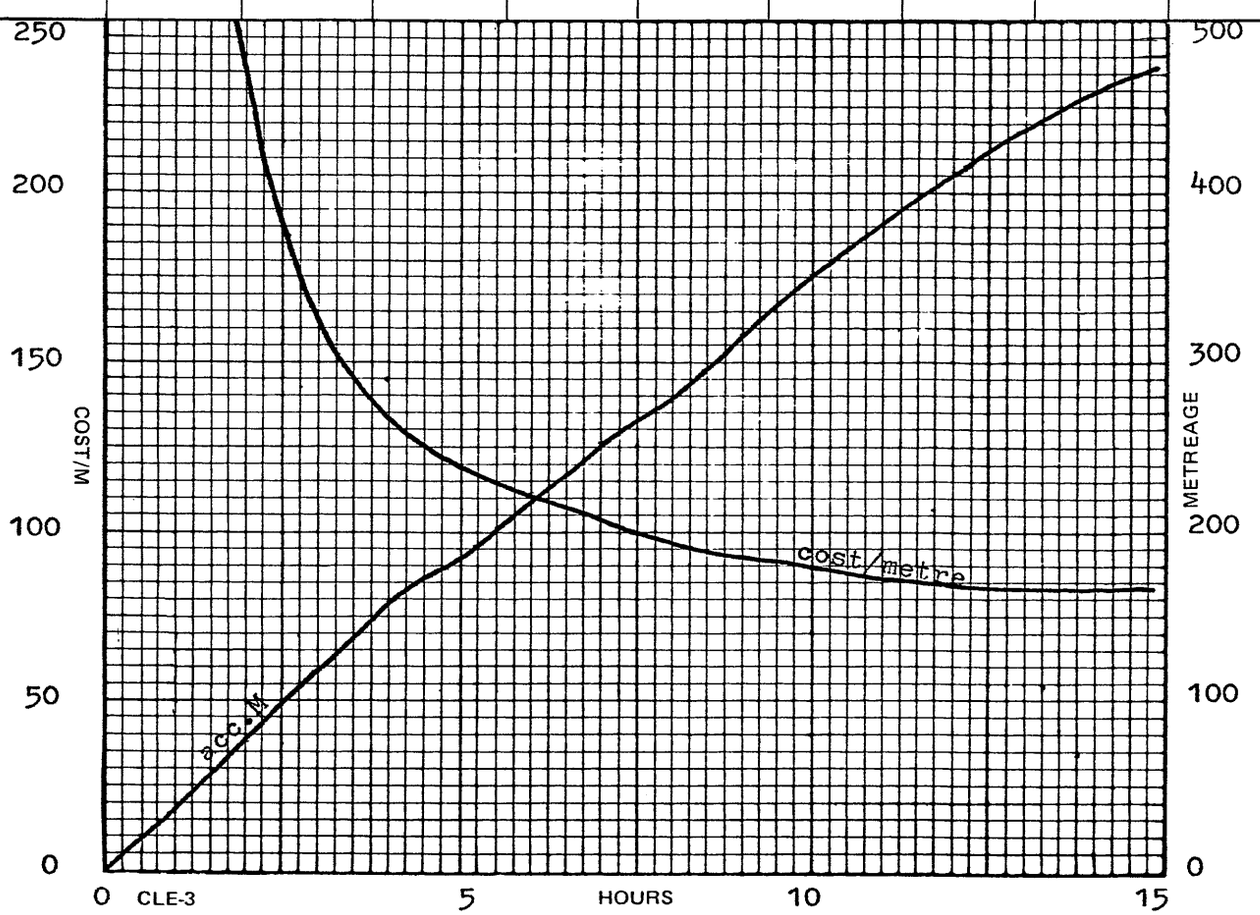
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	1919 - 2390m

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
	HTC X3A	250.83mm	471m	142,000
	COST	JETS 2 x 7.94mm 1 x 8.73mm	HOURS RUN	CONDITION
	$710		14.8	2.7.I

RIG COST/HR $1700

TRIP TIME 8 Hrs

HRS	BIT-TURNS	DEPTH	ACC M	COST M	HRS	BIT-TURNS	DEPTH	ACC M	COST M
1	8,000	1952	33	485.2					
2	19,000	1994	75	236.1					
3	28,000	2038	119	163.1					
4	37,000	2078	159	132.8					
5	48,000	2110	191	119.4					
6	59,000	2138	219	111.9					
7	69,000	2170	251	104.4					
8	80,000	2206	287	97.2					
9	88,000	2237	318	93.1					
10	98,000	2270	351	89.2					
11	107,000	2300	381	86.6					
12	116,000	2330	411	84.4					
13	126,000	2356	437	83.3					
14	135,000	2378	459	83.0					
14.8	142,000	2390	471	83.8					



CORE LAB **ESP**

COST PER METRE GRAPH

UNIT NO. FL 176 BIT NO. 7

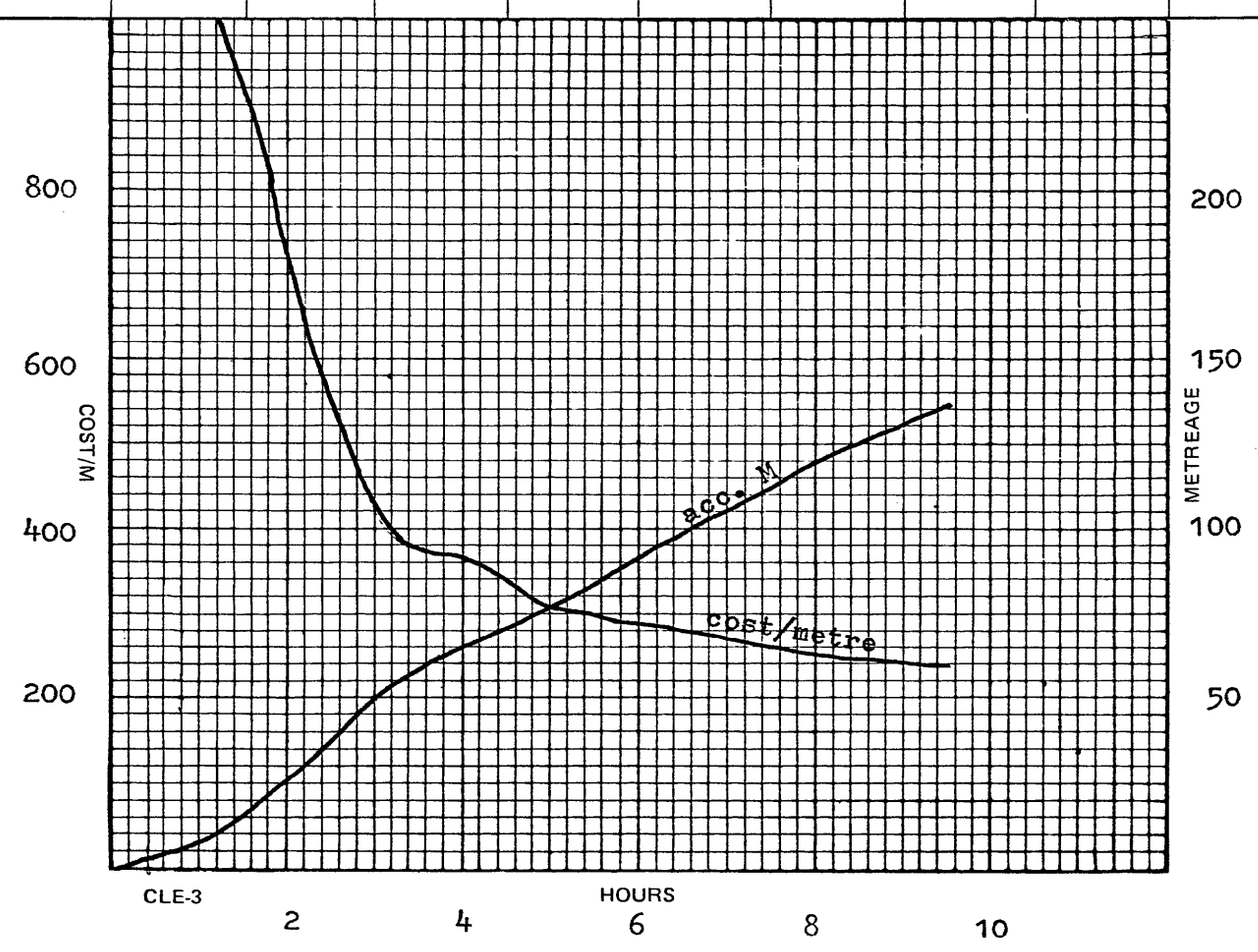
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE #4	GIPPSLAND BASIN	2464.6 - 2602m

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
	HTC J22	250.83mm	137.4m	35,000
	COST	JETS	HOURS RUN	CONDITION
	$3,000	2 x 7.94mm 1 x 8.73mm	9.5	2.4.I.

RIG COST/HR $1700

TRIP TIME 8 Hrs

HRS	BIT-TURNS	DEPTH	ACC M	COST M	HRS	BIT-TURNS	DEPTH	ACC M	COST M
1	4,000	2479	14.4	1270.8					
2	8,000	2492	27.4	729.9					
3	12,000	2519	54.4	398.9					
4	16,000	2529	64.4	363.3					
5	19,000	2544	79.4	316.1					
6	23,000	2557	92.4	290.0					
7	27,000	2571	106.4	267.9					
8	29,000	2584	119.4	252.9					
9	32,000	2595	130.4	244.6					
9.5	35,000	2602	137.4	238.4					



M U D D A T A

VARIABLE	UNITS
DEPTH	METRES
MUD WEIGHT	S.G.
FUNNEL VISCOSITY	A.P.I. SECONDS
PLASTIC VISCOSITY	CENTIPOISE
YIELD POINT	LBS./100 SQ. FT.
GEL: INITIAL/10 MIN	LBS./100 SQ. FT.
FILTRATE	CC./30 MINUTES
CAKE THICKNESS	MILLIMETRES
SALINITY	PPM
SOLIDS/SAND/OIL	PERCENTAGE

CORE LAB

MUD INFORMATION DATA SHEET

ESP

UNIT NO. FL 176 SHEET NO. 1

COMPANY	WELL	LOCATION
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN

DEPTH	875	1112	1288	1540	1569	1670	1924
DATE	18/3/79	22/3/79	22/3/79	23/3/79	23/3/79	23/3/79	24/3/79
TIME	13:15	15:20	23:10	17:20	18:30	22:25	16:40
WEIGHT S.G.	1.08	1.08	1.07	1.07	1.09	1.07	1.07
FUNNEL VISCOSITY	32	33	30	30	31	30	30
PLASTIC VISCOSITY	4	4	5	4	6	4	4
YIELD POINT	11	16	10	11	11	11	11
GEL INITIAL/10 MIN	2/8	3/12	2/9	2/6	3/6	2/6	2/6
pH	9	11.6	9.9	9.7	9.7	9.5	9.6
FILTRATE	23	50	29	29	31	30	20
CAKE	2	2	2	2	2	2	2
SALINITY	19,000	19,300	19,000	19,000	19,100	19,300	19,000
SOLIDS/SAND/OIL	5/.5/-	5/¼/-	5/tr/-	5/¼/	6/¼/-	5/tr/-	4/tr/-

REMARKS:

DEPTH	2065	2214	2390	2409	2425	2452	2453
DATE	24/3/79	25/3/79	25/3/79	26/3/79	27/3/79	28/3/79	29/3/79
TIME	20:55	03:20	13:20	23:00	24:00	21:30	16:00
WEIGHT	1.08	1.12	1.12	1.12	1.12	1.12	1.12
FUNNEL VISCOSITY	34	35	35	40	43	44	44
PLASTIC VISCOSITY	6	7	6	6	7	10	8
YIELD POINT	12	14	14	23	22	22	20
GEL INITIAL/10 MIN	3/8	5/12	6/12	6/18	6/18	6/19	6/16
pH	10.3	10.4	10.8	11	11	11.3	11.1
FILTRATE	15	12	6	5.3	5.4	5.1	5.0
CAKE	2	2	2	2	2	2	2
SALINITY	18,900	19,000	19,100	18,500	18,600	18,500	18,500
SOLIDS/SAND/OIL	4/tr/-	6/tr/-	7/tr/-	7/tr/-	6/tr/-	7/¼/-	6/tr/-

REMARKS:

CORE LAB **ESP**

MUD INFORMATION DATA SHEET

UNIT NO. FL 176 SHEET NO. 2

COMPANY	WELL	LOCATION
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN

DEPTH	2544							
DATE	30/3/79							
TIME	21:50							
WEIGHT	1.12							
FUNNEL VISCOSITY	44							
PLASTIC VISCOSITY	9							
YIELD POINT	20							
GEL INITIAL/10 MIN	5/17							
pH	11.0							
FILTRATE	4.9							
CAKE	2							
SALINITY	18,600							
SOLIDS/SAND/OIL	6/tr/-							

REMARKS:

DEPTH								
DATE								
TIME								
WEIGHT								
FUNNEL VISCOSITY								
PLASTIC VISCOSITY								
YIELD POINT								
GEL INITIAL/10 MIN								
pH								
FILTRATE								
CAKE								
SALINITY								
SOLIDS/SAND/OIL								

REMARKS:

B I T D A T A

BIT INTERVAL	.. ..	METRES
SIZE	.. ..	MILLIMETRES
JETS	.. ..	MILLIMETRES
BIT RUN	.. ..	METRES
CONDITION	.. ..	TEETH/BEARING/GAUGE
OD'S, ID'S	.. ..	MILLIMETRES
LENGTH	.. ..	METRES
DEPTH	.. ..	METRES
WOB	.. ..	1,000 POUNDS
PUMP RATE	.. ..	STROKES PER MINUTE
FLOW RATE	.. ..	GALLONS PER MINUTE
PUMP PRESSURE	.. ..	POUNDS PER SQUARE INCH
MUD WEIGHT	.. ..	S.G.
PV	.. ..	CENTIPOISE
YP	.. ..	POUNDS PER 100 SQUARE FEET
TEMPERATURE	.. ..	DEGREES CENTIGRADE
PRESSURES	.. ..	POUNDS PER SQUARE INCH
IMPACT FORCE	.. ..	FEET POUNDS PER SECOND^2
JET VELOCITY	.. ..	METRES PER SECOND
ANN. VELOCITY	.. ..	METRES PER MINUTE
ECD	.. ..	S.G.

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. FL 176 RUN NO. 2 BIT NO. 2

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	244 - 875m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	OSC 3AJ	631m	50,000
	SIZE	JETS	HOURS RUN	CONDITION
	381mm	3 x 15.88mm	5.3	2 - 3 - I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	127mm	108.6mm	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	203.2mm	76.2mm	172m
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	508mm	485.75mm		227.9m	HUNG AT.
	508mm	476.25mm		93m	

DEPTH	370	470	608	708	875	
WOB	5	10	25	32	50	
RPM	98	143	165	167	190	
PUMP RATE	110/110	107/114	106/113	108/114	113/107	
FLOW RATE	1126	1087	1100	1105	1156	
PUMP PRESS	1984	2076	2150	2220	2335	
MW S.G	1.01	1.02	1.02	1.06	1.08	
PV	5	5	4	5	6	
YP	10	10	11	11	12	
SAND %	Tr	Tr	Tr	0.5	0.5	
TEMP.	23	27	31	31	31	
Psurface	30	30	30	30	30	
Pstring	867	651	723	777	904	
Pbit	1122	1429	1433	1435	1515	
Pannulus	4	4	5	5	7	
Ptotal	2056	2113	2191	2247	2456	
HHP	726	1043	1023	1030	1100	
IMPACTFORCE	1962	2499	2506	2527	2456	
JET VEL	123	140	137	137	139	
DC/OH	51.0	51.2	50.7	51.5	51.0	
DP/OH	41.0	41.2	40.8	41.4	41.0	
DP/CSG	24.0	24.2	24.0	24.3	24.1	
ECD	1.04	1.04	1.09	1.10	1.12	

REMARKS;

DRILL WITH SEAWATER FROM 244 METRES TO 305 METRES.
DRILL WITH SEAWATER/GEL FROM 305 METRES TO 875 METRES.
JET PLUGGED AT 260 METRES, PUMP PRESSURE UP FROM 1675psi TO 2475psi.
RUN WIPER TRIP, PULL OUT OF HOLE TO RUN E-LOGS.
DEVIATION SURVEY ½°.

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. 176 RUN NO. 3 BIT NO. 3

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	875 - 1422m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	X3A	547m	161000
	SIZE	JETS	HOURS RUN	CONDITION
	250.83mm	2 x 7.94mm 1 x 8.73mm	18.3	2.8.I.

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127mm	108.6mm	
	HW DRILL PIPE			
	DRILL COLLARS	196.85mm	73.03mm	163.94m
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	273.05mm	252.73mm	45.5#/ft	857.8m	
RISER	508mm	476.25mm		L=93m	

DEPTH	920	1032	1120	1224	1308	
WOB	27	36	39	42	50	
RPM	100	155	164	151	145	
PUMP RATE	94	95	91	92	95	
FLOWRATE	515	479	456	469	460	
PUMP PRESS	2990	3060	2865	2840	2940	
MW S.G.	1.08	1.08	1.08	1.08	1.07	
PV	5	5	5	5	5	
YP	16	16	12	12	10	
SAND %	½	½	½	tr	tr	
TEMP. °C	39	37	38	32	32	
Psurface	20	20	20	20	20	
Pstring	174	190	188	197	215	
Pbit	2762	2844	2636	2611	2744	
Pannulus	34	38	40	42	44	
Ptotal	2990	3092	2884	2870	3023	
HHP	730	737	675	666	675	
IMPACTFORCE	1299	1330	1233	1222	1330	
JET VEL	187	191	184	183	195	
DC/OH	94	95	91	92	95	
DP/OH	48	49	47	47	49	
DP/CSG	47	48	46	46	48	
ECD	1.1	1.1	1.1	1.1	1.09	

REMARKS;

PIT conducted at 881m to an equivalent mud wt.of 1.62S.G. without formation breakdown.

Drilling with one pump only. From 910 metres on riser flushed every 5 singles using second pump.

DS 1° 1422m

CORE LAB **ESP**

BIT RUN DATA SHEET.

UNIT NO. FL 176 RUN NO. 4 BIT NO. 4

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	1422 - 1919m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	X3A	497m	150,000
	SIZE	JETS 2 x 7.94mm 1 x 8.73mm	HOURS RUN	CONDITION
	250.83mm		16.8	3.8.01/8"

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127.00mm	108.60mm	
	HW DRILL PIPE			
	DRILL COLLARS	196.85mm	73.03mm	163.94m
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	273.05mm	252.73mm	45.5LBS/FT	857.8m	
RISER	508.00mm	476.25mm		L= 93.0m	

DEPTH	1505	1614	1709	1790	1897	
WOB	49	47	49	49	54	
RPM	149	148	135	150	155	
PUMP RATE	93	94	94	94	91	
FLOWRATE	475	479	460	475	450	
PUMP PRESS	2783	2847	2845	2900	2920	
MW S.G	1.07	1.07	1.07	1.07	1.08	
PV	5	5	5	4	4	
YP	10	10	10	11	11	
SAND %	0.5	0.5	0.5	tr	tr	
TEMP.	33	35	34	34	37	
Psurface	20	20	20	20	20	
Pstring	225	241	249	229	239	
Pbit	2505	2569	2558	2623	2632	
Pannulus	41	43	45	53	46	
Ptotal	2791	2873	2558	2925	2937	
HHP	629	653	649	674	677	
IMPACTFORCE	1172	1202	1197	1227	1231	
JET VEL	180	182	182	184	184	
DC/OH	92.7	93.7	93.7	93.7	91.0	
DP/OH	47.9	48.4	48.4	48.4	47.0	
DP/CSG	47.0	47.5	47.5	47.5	46.0	
ECD	1.09	1.09	1.09	1.09	1.09	

REMARKS;

DRILLING WITH ONE PUMP FROM 1422m.
FLUSH RISER WITH SECOND PUMP EVERY 3 SINGLES.
DS ¼°

TWO LOCKED CONES ON BIT.

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. FL 176 RUN NO. 5 BIT NO. 5

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE #4	GIPPSLAND BASIN	1919 - 2390m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	X3A	471m	142,000
	SIZE	JETS	HOURS RUN	CONDITION
	250.83mm	2 x 7.94mm 1 x 8.73mm	14.8	2.7.I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127.00mm	108.60mm	
	HW DRILL PIPE			
	DRILL COLLARS	196.85mm	73.03mm	163.94mm
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
RISER	273.05mm 508.00mm	252.73mm 476.25mm	45.5 #/ft	857.8m	L = 93.0m

DEPTH	1968	1975	2140	2238	2333	
WOB	45	40	35	40	40	
RPM	162	172	181	150	160	
PUMP RATE	89	88	88	88	86	
FLOW RATE	444	440	441	464	429	
PUMP PRESS	2846	2835	2940	2955	2960	
MW S.G.	1.08	1.08	1.08	1.12	1.12	
PV	4	4	4	4	4	
YP	11	10	10	10	10	
SAND %	tr	tr	tr	tr	tr	
TEMP.	38	38	37	38	41	
Psurface	20	20	19	19	18	
Pstring	242	253	266	273	283	
Pbit	2578	2535	2644	2613	2632	
Pannulus	51	54	55	57	59	
Ptotal	2891	2862	2984	2962	2632	
HHP	660	637	678	678	673	
IMPACTFORCE	1215	1186	1237	1222	1231	
JET VEL	182	180	184	183	183	
DC/OH	88.7	88.7	87.7	87.7	85.7	
DP/OH	45.9	45.3	45.3	45.3	44.3	
DP/CSG	45.0	44.5	44.5	44.5	43.4	
ECD	1.10	1.10	1.10	1.13	1.13	

REMARKS;

FLUSH RISER EVERY 4 SINGLES.

HOLE PACKED OFF AROUND COLLARS AT 2374.4 METRES,

CIRCULATE OFF BOTTOM TO CLEAR COLLARS.

DS 3/4°

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. 176 RUN NO. 6 BIT NO. CB 1

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCCUE # 4	GIPPSLAND BASIN	2390 - 2402.4m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIS	C22	12.4m	55000
	SIZE	JETS	HOURS RUN	CONDITION
	215.14mm	1 x 18.13equiv	9.7	

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127mm	108.6mm	
	HW DRILL PIPE			
	DRILL COLLARS	196.85mm	73.03mm	183.46m
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	273.05mm	252.73mm		857.8m	
RISER	508mm	476.25mm		L=93m	

DEPTH						
WOB						
RPM						
PUMP RATE						
FLOWRATE						
PUMP PRESS						
MW						
PV						
YP						
SAND %						
TEMP.						
Psurface						
Pstring						
Pbit						
Pannulus						
Ptotal						
HHP						
IMPACTFORCE						
JET VEL						
DC/OH						
DP/OH						
DP/CSG						
ECD						

REMARKS;

CORE # 1 Interval 2390 - 2402.4m

Cut 12.4m

Rec.12.4m

Flush riser continuously while coring.

CORE LAB **ESP**

BIT RUN DATA SHEET.

UNIT NO. 176 RUN NO. 7 BIT NO. CB 2

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	2402.4 - 2411.4m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIS	C20	9.0m	31000
	SIZE	JETS	HOURS RUN	CONDITION
	215.14mm	17.46mm equiv	3.6	

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127mm	108.6mm	
	HW DRILL PIPE			
	DRILL COLLARS	165.1mm	71.5mm	9.4m
	HW DRILL COLLARS	196.85mm	73.03mm	183.4m

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
RISER	273.05mm	252.73mm		857.8m	
	508mm	476.25mm		L=93m	

DEPTH	2405					
WOB	20					
RPM	160					
PUMP RATE	62					
FLOWRATE	309					
PUMP PRESS	1600					
MW S.G.	1.12					
PV	6					
YP	14					
SAND %	tr					
TEMP. °C	41					
Psurface	20					
Pstring	286					
Pbit	887					
Pannulus	388					
Ptotal	1581					
HHP	195					
IMPACTFORCE	625					
JET VEL	105					
DC/OH	62					
DP/OH	32					
DP/CSG	31					
ECD	1.22					

REMARKS;

CORE # 2 INTERVAL 2402.4 - 2411.4m

Cut 9.0m

Rec. 9.0m

CORE LAB **ESP**

BIT RUN DATA SHEET.

UNIT NO. FL 176 RUN NO. 8 BIT NO. RR CB 2

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	2411.4-2425.2

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIS	C 20	13.8m	20,000
	SIZE	JETS	HOURS RUN	CONDITION
	215.14mm	0.38 EQ	2.5	

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	127.00mm	108.60mm	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	165.10mm	71.50mm	18.66m
	HW DRILL COLLARS	196.85mm	73.03mm	183.4m

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	273.05mm	252.73mm	45.5 #/ft	857.8m	
RISER	508.00mm	476.25mm		L = 93.0m	

DEPTH	2412					
WOB	23					
RPM	110					
PUMP RATE	57					
FLOW RATE	284					
PUMP PRESS	1310					
MW S.G.	1.12					
PV	6					
YP	23					
SAND %	tr					
TEMP.	34					
Psurface	10					
Pstring	235					
Pbit	723					
Pannulus	382					
Ptotal	1340					
HHP	94					
IMPACTFORCE	143					
JET VEL	94					
DC/OH	56.8					
DP/OH	29.4					
DP/CSG	28.8					
ECD						

REMARKS;

CORE # 3 INTERVAL 2411.4 - 2425.2m
Cut 13.8m
Rec. 13.8m

CORE LAB **ESP**

BIT RUN DATA SHEET.

UNIT NO. FL 176 RUN NO. 9 BIT NO. RR CB 2

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	2425.2-2438.8 m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIS	C 20	13.5m	6,000
	SIZE	JETS	HOURS RUN	CONDITION
	215.14mm	17.46mm EQ	0.8	

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE			LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	165.10mm	71.50mm	28.17m
	HW DRILL COLLARS	196.85mm	73.03mm	183.4m

CASING & LINER	OD	ID	GRADE	SET AT	
	273.05mm	252.73mm	45.5 #/ft	857.8m	HUNG AT.
RISER	508.00mm	476.25mm		93.0m	

DEPTH	2425					
WOB	22					
RPM	140					
PUMP RATE	50					
FLOW RATE	249					
PUMP PRESS	1300					
MW S.G.	1.12					
PV	10					
YP	22					
SAND %	6					
TEMP.	38					
Psurface						
Pstring						
Pbit						
Pannulus						
Ptotal						
HHP						
IMPACTFORCE						
JET VEL						
DC/OH						
DP/OH						
DP/CSG						
ECD						

REMARKS;

CORE # 4 INTERVAL 2425.2 - 2438.8m

Cut 13.6m

Rec. 12.4m (91%)

CLE-12

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. FL 176 RUN NO. 10 BIT NO. CB # 3

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	2438.8-2451.4m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIS	C 18	12.6m	21,000
	SIZE	JETS	HOURS RUN	CONDITION
	215.14mm	19.05mm EQ	3	

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	127.00mm	108.6mm	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	165.10mm	71.50mm	37.64m
	HW DRILL COLLARS	196.85mm	73.03mm	183.46m

CASING & LINER	OD	ID	GRADE	SET AT	
	273.05mm	252.73mm	45.5 #/ft	857.8m	HUNG AT.
RISER	508.00mm	476.25mm		L= 93.0m	

DEPTH	2439					
WOB	17					
RPM	125					
PUMP RATE	52					
FLOW RATE	259					
PUMP PRESS	750					
MW	1.12					
PV	10					
YP	22					
SAND %	7					
TEMP.	39					
Psurface						
Pstring						
Pbit						
Pannulus						
Ptotal						
HHP						
IMPACTFORCE						
JET VEL						
DC/OH						
DP/OH						
DP/CSG						
ECD						

REMARKS;

CORE # 5 INTERVAL 2438.8 - 2451.4m

Cut 12.6m

Rec. 8.3m (66%)

CLE-12

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. FL 176 RUN NO. 11 BIT NO. 6

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	2390-2451.4m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	XDG	61.4m	
	SIZE	JETS	HOURS RUN	CONDITION
	250.83mm	2 x 7.94mm 1 x 8.73mm	2.1	1 - 1 - I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE			
	HW DRILL PIPE			
	DRILL COLLARS	196.85mm	73.03mm	163.94m
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	273.05mm	252.73mm	45.5 #/ft	857.8m	
RISER	508.00mm	476.25mm		L= 93.0m	

DEPTH						
WOB						
RPM						
PUMP RATE						
FLOWRATE						
PUMP PRESS						
MW						
PV						
YP						
SAND %						
TEMP.						
Psurface						
Pstring						
Pbit						
Pannulus						
Ptotal						
HHP						
IMPACTFORCE						
JET VEL						
DC/OH						
DP/OH						
DP/CSG						
ECD						

REMARKS;

REAM CORE RAT HOLE 2390.0 - 2451.4m

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. FL 176 RUN NO. 12 BIT NO. RR CB 1

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	FORTESCUE # 4	GIPPSLAND BASIN	2451.4-2464.6m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIS	C 22	13.2m	28,000
	SIZE	JETS	HOURS RUN	CONDITION
	215.14mm	1 x 19.05 EQ	4.0	

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	127mm	108.6mm	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	196.85mm	73.03mm	183.4m
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	273.05mm	252.73mm	45.5 #/ft	857.8m	HUNG AT.
RISER	508.00mm	476.25mm		L= 93m	

DEPTH	2456					
WOB	22					
RPM	120					
PUMP RATE	58					
FLOW RATE	287					
PUMP PRESS	1230					
MW S.G.	1.12					
PV	6					
YP	19					
SAND %	tr					
TEMP. °C	40					
Psurface						
Pstring						
Pbit						
Pannulus						
Ptotal						
HHP						
IMPACTFORCE						
JET VEL						
DC/OH						
DP/OH						
DP/CSG						
ECD						

REMARKS;

CORE # 6 Interval : 2451.4 - 2464.6m

Cut : 13.2m

Rec. : 10.1m (77%)

CLE-12

CORE LAB **ESP**

BIT RUN DATA SHEET.

UNIT NO. FL 176 RUN NO. 13 BIT NO. 7

COMPANY	WELL	LOCATION	INTERVAL
	FORTESCUE # 4	GIPPSLAND BASIN	2464.6-2602m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	J 22	137.4m	35,000
	SIZE	JETS 2 x 7.94mm 1 x 8.73mm	HOURS RUN	CONDITION
	250.83mm		9.5	2.4.I.

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127.0 mm	108.6 mm	
	HW DRILL PIPE			
	DRILL COLLARS	196.85mm	73.03mm	163.94m
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	273.05mm	252.73mm	45.5 #/ft	857.8m	
	508mm	476.25mm		L= 93m	

DEPTH	2480					
WOB	47					
RPM	67					
PUMP RATE	90					
FLOWRATE	442					
PUMP PRESS	2800					
MW S.G.	1.12					
PV	6					
YP	20					
SAND %	tr					
TEMP. °C	43					
Psurface	20					
Pstring	298					
Pbit	2367					
Pannulus	127					
Ptotal	2792					
HHP	565					
IMPACTFORCE	1107					
JET VEL	171					
DC/OH	89.7					
DP/OH	46.3					
DP/CSG	45.4					
ECD	1.15					

REMARKS;

Tight hole problems, ream hole to bottom.
Flush riser every three singles.
Flow check @ : 2536m
: 2564m

DUMP A

DEPTH - Well depth in metres.

TIME - Time of day, in hours and minutes.

ROP - Rate of penetration, in metres per hour.

WOB - Weight on bit, in thousands of pounds.

RPM - Rotary speed in revolutions per minute.

MDI - Mud density in, in pounds per gallon.

MDO - Mud density out, in pounds per gallon.

ECD - Equivalent circulating density of the drilling fluid at the bottom of the hole. The sum of the hydrostatic pressure and the annular pressure drop, measured in pounds per gallon.

PP - Pore pressure gradient, in pounds per gallon, is the pressure exerted by the fluids in the pore spaces of the formation. It is determined by analysing deviations from the trend line of the drilling porosity.

FG - Fracture gradient is the pressure required to fracture the formation, expressed in ppg. It is derived from the pore pressure, calculated by the program using the Matthews and Kelly equation and an appropriate matrix stress curve.

POR - Drilling porosity. This is the calculated porosity of the formation being drilled, derived from the general drilling equation. It is a function of the drilling variables: WOB, ROP, RPM, tooth wear, differential pressure and rock strength.

DEXP - Calculated 'd' exponent. The 'd' exponent is a function of WOB, ROP, RPM and DEPTH. A correction is made to the 'd' exponent for variations in mud density to give the corrected 'd' exponent.

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
68											
250.0	22:22	348.9	5	60	8.4	8.4	8.5	8.65	10.7	86.9	.23
254.0	22:23	256.7	7	80	8.4	8.4	8.6	8.65	10.8	75.9	.40
256.0	22:23	237.9	10	80	8.4	8.4	8.7	8.65	10.8	59.3	.43
260.0	22:32	383.8	8	80	8.4	8.4	8.5	8.65	10.8	72.6	.35
262.0	22:32	169.5	4	80	8.4	8.4	8.6	8.65	10.8	106.9	.44
266.0	22:34	202.2	6	80	8.4	8.4	8.6	8.65	10.8	85.3	.44
270.0	22:40	413.5	6	80	8.4	8.4	8.7	8.65	10.9	86.8	.28
280.0	0:11	390.0	9	80	8.4	8.4	8.5	8.65	10.9	61.0	.32
282.0	0:11	279.1	8	80	8.4	8.4	8.6	8.65	11.0	59.8	.38
284.0	0:11	439.0	8	80	8.4	8.4	8.6	8.65	11.0	65.9	.28
88											
286.0	0:12	350.3	8	80	8.4	8.4	8.6	8.65	11.0	61.8	.36
290.0	0:50	284.6	9	90	8.4	8.5	8.4	8.65	11.0	55.0	.46
292.0	0:54	145.3	9	92	8.4	8.5	8.5	8.65	11.0	48.1	.59
294.0	0:58	172.5	6	92	8.4	8.5	8.5	8.65	11.0	65.0	.50
296.0	0:59	155.5	9	93	8.4	8.5	8.6	8.65	11.0	53.8	.56
298.0	1: 0	103.1	8	93	8.4	8.5	8.6	8.65	11.0	50.6	.65
300.0	1: 1	137.4	12	92	8.4	8.5	8.6	8.65	11.1	44.9	.63
302.0	1: 2	144.5	17	89	8.4	8.5	8.7	8.65	11.1	37.7	.66
304.0	1: 2	335.5	14	91	8.4	8.5	8.7	8.65	11.1	54.5	.41
306.0	1: 9	135.2	11	91	8.4	8.5	8.7	8.65	11.1	47.4	.64
108											
308.0	1:10	279.3	12	92	8.4	8.5	8.7	8.65	11.1	55.9	.46
310.0	1:10	284.9	14	92	8.4	8.5	8.7	8.65	11.1	53.0	.45
312.0	1:11	227.6	12	91	8.4	8.5	8.7	8.65	11.1	55.4	.49
314.0	1:17	196.6	10	100	8.4	8.5	8.6	8.65	11.1	54.3	.54
316.0	1:18	294.2	12	99	8.4	8.5	8.6	8.65	11.1	54.4	.45
318.0	1:18	346.5	13	97	8.4	8.5	8.7	8.65	11.2	57.0	.41
320.0	1:19	148.2	8	101	8.4	8.5	8.7	8.65	11.2	59.9	.57
322.0	1:26	86.9	4	96	8.4	8.5	8.6	8.65	11.2	80.9	.60
324.0	1:27	147.6	8	106	8.4	8.5	8.7	8.65	11.2	61.4	.59
326.0	1:27	190.6	9	107	8.4	8.5	8.7	8.65	11.2	56.5	.55
127											
328.0	1:28	196.1	11	106	8.4	8.5	8.7	8.65	11.2	54.5	.55
330.0	1:29	230.0	13	105	8.4	8.5	8.7	8.65	11.2	52.0	.53
332.0	1:37	63.6	7	102	8.4	8.5	8.7	8.65	11.2	52.0	.78
334.0	1:38	249.4	10	95	8.4	8.5	8.6	8.65	11.2	57.8	.48
336.0	1:39	137.1	12	97	8.4	8.5	8.6	8.65	11.3	45.6	.66
338.0	1:40	104.2	11	96	8.4	8.5	8.6	8.65	11.3	44.5	.71
340.0	1:41	93.5	12	96	8.4	8.5	8.6	8.65	11.3	42.2	.74
342.0	1:48	113.7	11	103	8.4	8.5	8.6	8.65	11.3	44.7	.75
344.0	1:48	205.3	13	107	8.4	8.5	8.6	8.65	11.3	49.1	.58
346.0	1:49	198.2	12	109	8.4	8.5	8.6	8.65	11.3	52.7	.59
147											
348.0	1:49	259.8	17	106	8.4	8.5	8.7	8.65	11.3	46.0	.54
350.0	1:51	83.5	9	109	8.4	8.5	8.7	8.65	11.3	51.3	.76
352.0	1:57	144.7	12	100	8.4	8.5	8.7	8.65	11.3	50.5	.63
354.0	1:58	156.2	12	100	8.4	8.5	8.7	8.65	11.4	49.9	.61
356.0	1:59	175.9	14	96	8.4	8.5	8.7	8.65	11.4	47.5	.59
358.0	2: 1	61.7	8	98	8.4	8.5	8.6	8.65	11.4	49.7	.80
360.0	2: 6	229.1	12	100	8.4	8.5	8.6	8.65	11.4	56.5	.52
362.0	2: 7	172.3	11	102	8.4	8.5	8.7	8.65	11.4	54.0	.58
364.0	2: 8	172.7	12	98	8.4	8.5	8.7	8.65	11.4	51.6	.58
366.0	2: 9	129.2	12	94	8.4	8.5	8.7	8.65	11.4	49.9	.64
167											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
167											
368.0	2:16	76.8	8	95	8.4	8.5	8.7	8.65	11.4	56.3	.73
370.0	2:16	188.4	13	99	8.4	8.5	8.7	8.65	11.4	51.4	.58
372.0	2:17	202.9	14	103	8.4	8.5	8.7	8.65	11.4	48.9	.58
374.0	2:17	202.3	15	116	8.4	8.5	8.7	8.65	11.4	46.4	.61
376.0	2:18	193.7	15	119	8.4	8.5	8.7	8.65	11.5	45.7	.63
380.0	2:25	134.7	10	128	8.4	8.5	8.7	8.65	11.5	52.9	.69
382.0	2:26	176.4	14	129	8.4	8.5	8.7	8.65	11.5	46.4	.67
384.0	2:26	212.5	16	128	8.4	8.5	8.8	8.65	11.5	47.0	.63
386.0	2:27	244.9	16	128	8.4	8.5	8.8	8.65	11.5	48.1	.59
388.0	2:28	139.0	9	133	8.4	8.5	8.8	8.65	11.5	56.8	.69
188											
390.0	2:35	141.0	12	119	8.4	8.5	8.7	8.65	11.5	48.0	.70
392.0	2:35	153.3	13	115	8.4	8.5	8.7	8.65	11.5	47.0	.67
394.0	2:36	123.3	13	112	8.4	8.5	8.7	8.65	11.5	46.5	.70
396.0	2:43	68.1	9	111	8.4	8.5	8.6	8.65	11.6	47.5	.80
398.0	2:45	126.6	14	97	8.4	8.5	8.6	8.65	11.6	44.3	.68
400.0	2:45	137.1	12	122	8.4	8.5	8.6	8.65	11.6	46.5	.70
402.0	2:46	119.7	11	123	8.4	8.5	8.6	8.65	11.6	46.7	.73
404.0	2:55	79.3	15	110	8.4	8.5	8.6	8.65	11.6	36.2	.85
406.0	3: 9	97.5	15	110	8.4	8.5	8.5	8.65	11.6	35.3	.81
408.0	3:11	86.5	12	113	8.4	8.5	8.5	8.65	11.6	40.8	.81
208											
410.0	3:12	114.1	15	113	8.4	8.5	8.5	8.65	11.6	37.3	.77
412.0	3:13	123.7	18	113	8.4	8.5	8.6	8.65	11.6	35.5	.77
418.0	3:20	167.3	15	113	8.4	8.5	8.7	8.65	11.6	44.5	.68
420.0	3:20	151.0	18	113	8.4	8.5	8.7	8.65	11.7	39.9	.71
422.0	3:21	151.0	15	115	8.4	8.5	8.7	8.65	11.7	44.7	.68
424.0	3:22	160.8	12	116	8.4	8.5	8.8	8.65	11.7	52.2	.63
426.0	3:23	101.5	8	119	8.4	8.5	8.8	8.65	11.7	59.3	.70
428.0	3:30	92.6	9	116	8.4	8.5	8.7	8.65	11.7	52.7	.74
430.0	3:31	145.3	12	112	8.4	8.5	8.7	8.65	11.7	48.3	.66
432.0	3:32	148.8	12	113	8.4	8.5	8.7	8.65	11.7	50.2	.65
229											
434.0	3:32	163.8	11	114	8.4	8.5	8.7	8.65	11.7	54.2	.61
436.0	3:38	105.0	12	109	8.4	8.5	8.6	8.65	11.7	41.9	.79
438.0	3:39	189.3	14	100	8.4	8.5	8.7	8.65	11.7	48.0	.59
440.0	3:39	176.0	12	115	8.4	8.5	8.7	8.65	11.7	50.3	.62
442.0	3:40	227.7	12	148	8.4	8.5	8.7	8.65	11.8	52.9	.61
444.0	3:40	204.7	11	152	8.4	8.5	8.8	8.65	11.8	53.8	.63
446.0	3:47	117.3	13	150	8.4	8.5	8.7	8.65	11.8	43.3	.81
448.0	3:48	167.1	14	138	8.4	8.5	8.7	8.65	11.8	43.8	.71
450.0	3:48	193.0	14	142	8.4	8.5	8.7	8.65	11.8	46.6	.67
452.0	3:49	157.4	14	145	8.4	8.5	8.7	8.65	11.8	43.7	.73
249											
460.0	3:58	156.5	15	148	8.4	8.5	8.7	8.65	11.8	41.1	.75
466.0	4: 6	168.8	11	127	8.4	8.5	8.7	8.65	11.9	50.7	.65
468.0	4: 7	117.3	9	145	8.4	8.5	8.7	8.65	11.9	52.1	.73
470.0	4: 8	164.6	14	142	8.4	8.5	8.7	8.65	11.9	45.2	.71
472.0	4: 9	143.6	11	145	8.4	8.5	8.8	8.65	11.9	49.1	.71
478.0	4:10	108.5	10	147	8.4	8.5	8.8	8.65	11.9	51.2	.75
480.0	4:18	258.7	15	150	8.4	8.5	8.7	8.65	11.9	48.3	.61
482.0	4:19	119.4	15	146	8.4	8.5	8.7	8.65	11.9	39.5	.81
484.0	4:20	88.4	13	150	8.4	8.5	8.7	8.65	11.9	38.7	.87
486.0	4:27	89.0	12	155	8.4	8.5	8.6	8.65	11.9	39.9	.87
268											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
268											
488.0	4:28	99.0	14	166	8.4	8.5	8.6	8.65	11.9	36.0	.90
490.0	4:29	112.8	14	167	8.4	8.5	8.6	8.65	12.0	38.3	.86
492.0	4:30	106.4	16	167	8.4	8.5	8.7	8.65	12.0	35.3	.89
494.0	4:37	61.3	10	168	8.4	8.5	8.7	8.65	12.0	41.0	.94
496.0	4:38	104.1	14	162	8.4	8.5	8.6	8.65	12.0	37.8	.87
498.0	4:40	111.5	13	164	8.4	8.5	8.7	8.65	12.0	41.4	.83
500.0	4:41	104.7	15	162	8.4	8.5	8.7	8.65	12.0	36.9	.88
502.0	4:42	103.0	10	165	8.4	8.5	8.7	8.65	12.0	47.3	.81
504.0	4:48	118.8	14	168	8.4	8.5	8.6	8.65	12.0	40.0	.84
506.0	4:49	121.9	18	165	8.4	8.5	8.7	8.65	12.0	34.7	.87
288											
508.0	4:50	125.5	17	166	8.4	8.5	8.7	8.65	12.0	35.8	.86
510.0	4:51	113.6	16	168	8.4	8.5	8.7	8.65	12.0	37.1	.87
512.0	4:52	97.2	15	168	8.4	8.5	8.7	8.65	12.0	36.2	.90
514.0	4:58	101.7	13	168	8.4	8.5	8.6	8.65	12.0	38.8	.88
516.0	4:59	135.1	16	173	8.4	8.5	8.7	8.65	12.1	38.4	.84
518.0	5: 0	106.2	14	175	8.4	8.5	8.7	8.65	12.1	39.1	.88
520.0	5: 1	119.1	17	174	8.4	8.5	8.7	8.65	12.1	36.4	.88
522.0	5: 7	96.5	15	179	8.4	8.5	8.7	8.65	12.1	34.2	.96
524.0	5: 8	145.7	14	172	8.4	8.5	8.6	8.65	12.1	41.3	.80
526.0	5: 9	230.8	25	164	8.4	8.5	8.7	8.65	12.1	34.9	.76
308											
528.0	5:10	176.9	24	165	8.4	8.5	8.7	8.65	12.1	32.2	.83
530.0	5:10	174.1	26	165	8.4	8.5	8.7	8.65	12.1	31.1	.85
532.0	5:18	137.6	19	141	8.4	8.5	8.7	8.65	12.1	37.2	.80
534.0	5:18	134.4	26	167	8.4	8.5	8.6	8.65	12.1	27.1	.94
536.0	5:19	193.4	28	166	8.4	8.5	8.7	8.65	12.1	29.4	.85
538.0	5:20	206.0	31	171	8.4	8.5	8.7	8.65	12.1	28.7	.85
540.0	5:20	169.8	27	172	8.4	8.5	8.8	8.65	12.1	29.8	.88
544.0	5:27	148.1	21	164	8.6	8.6	8.8	8.65	12.2	35.6	.84
546.0	5:27	165.9	28	163	8.8	8.9	8.8	8.65	12.2	30.3	.87
548.0	5:28	224.2	27	164	8.8	8.9	8.8	8.65	12.2	35.3	.77
329											
550.0	5:29	129.5	22	168	8.8	8.9	9.0	8.65	12.2	34.3	.88
552.0	5:37	100.8	16	145	8.8	8.9	9.0	8.65	12.2	40.9	.83
554.0	5:38	143.6	27	166	8.8	8.9	9.0	8.65	12.2	31.8	.89
556.0	5:39	130.5	22	171	8.8	8.9	9.0	8.65	12.2	36.1	.87
558.0	5:40	106.2	30	167	8.8	8.9	9.1	8.65	12.2	27.1	1.00
560.0	5:41	136.2	26	168	8.8	8.9	9.1	8.65	12.2	33.2	.89
562.0	5:42	140.3	24	171	8.8	8.9	9.1	8.65	12.2	35.8	.87
564.0	5:47	141.8	20	164	8.8	8.9	9.1	8.65	12.2	37.6	.86
566.0	5:48	186.7	25	165	8.8	8.9	9.1	8.65	12.2	38.1	.79
568.0	5:48	199.7	23	166	8.8	8.9	9.1	8.65	12.2	40.5	.75
349											
570.0	5:49	206.7	23	167	8.8	8.9	9.1	8.65	12.2	41.7	.74
572.0	5:55	144.2	17	163	8.8	8.9	9.1	8.65	12.3	43.9	.78
574.0	5:56	181.9	22	165	8.8	8.9	9.1	8.65	12.3	41.2	.77
576.0	5:57	220.1	25	164	8.8	8.9	9.1	8.65	12.3	40.0	.74
578.0	5:57	195.9	26	162	8.8	8.9	9.1	8.65	12.3	37.7	.78
580.0	6: 4	198.8	25	146	8.8	8.9	9.1	8.65	12.3	38.9	.75
582.0	6: 4	221.5	25	164	8.8	8.9	9.0	8.65	12.3	39.6	.74
584.0	6: 5	161.8	27	166	8.8	8.9	9.0	8.65	12.3	33.7	.85
586.0	6: 6	135.3	22	170	8.8	8.9	9.1	8.65	12.3	36.2	.87
588.0	6: 7	118.1	22	171	8.8	8.9	9.1	8.65	12.3	35.3	.91
369											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
369											
590.0	6:14	101.5	24	161	8.8	8.9	9.0	8.65	12.3	31.7	.95
592.0	6:15	112.9	24	163	8.8	8.9	9.0	8.65	12.3	32.5	.92
594.0	6:16	132.1	30	161	8.8	8.9	9.1	8.65	12.3	30.2	.93
596.0	6:17	80.4	32	162	8.8	8.9	9.1	8.65	12.3	22.9	1.10
598.0	6:23	104.2	27	150	8.8	8.9	9.0	8.65	12.3	30.3	.95
600.0	6:24	156.3	25	164	8.8	8.9	9.0	8.65	12.4	34.1	.87
602.0	6:25	100.4	26	165	8.8	8.9	9.0	8.65	12.4	30.3	.97
604.0	6:26	102.8	26	165	8.8	8.9	9.1	8.65	12.4	30.5	.97
606.0	6:28	102.9	26	165	8.8	8.9	9.1	8.65	12.4	30.6	.97
608.0	6:29	123.7	25	166	8.8	8.9	9.1	8.65	12.4	34.4	.90
389											
610.0	6:41	106.0	23	152	8.8	8.9	9.0	8.65	12.4	34.0	.91
612.0	6:42	88.6	29	162	8.9	9.0	9.0	8.65	12.4	25.7	1.04
614.0	6:43	103.0	28	163	8.9	9.0	9.0	8.65	12.4	28.0	.99
616.0	6:44	105.5	26	165	8.9	9.0	9.0	8.65	12.4	29.8	.97
618.0	6:46	78.7	28	165	8.9	9.0	9.0	8.65	12.4	25.7	1.07
620.0	6:53	110.0	24	168	8.9	9.0	9.1	8.65	12.4	33.2	.93
622.0	6:54	132.3	26	170	8.9	9.0	9.1	8.65	12.4	33.5	.90
624.0	6:55	135.4	25	171	8.9	9.0	9.1	8.65	12.4	35.4	.88
626.0	6:56	123.7	22	173	8.9	9.0	9.2	8.65	12.4	37.3	.88
628.0	7:19	98.3	24	161	8.9	9.0	9.1	8.65	12.4	32.5	.96
409											
630.0	7:20	111.7	20	166	8.9	9.0	9.0	8.65	12.5	36.6	.89
632.0	7:21	102.1	20	164	8.9	9.0	9.0	8.65	12.5	35.9	.92
634.0	7:23	95.2	20	166	8.9	9.0	9.0	8.65	12.5	35.5	.93
636.0	7:32	85.8	20	159	8.9	9.0	9.1	8.65	12.5	35.0	.95
638.0	7:33	96.6	28	164	8.9	9.0	9.1	8.65	12.5	28.6	1.01
640.0	7:34	107.2	35	161	8.9	9.0	9.1	8.65	12.5	25.5	1.03
642.0	7:35	117.5	35	172	8.9	9.0	9.1	8.65	12.5	26.8	1.01
644.0	7:36	137.8	36	192	8.9	9.0	9.2	8.65	12.5	27.7	1.00
646.0	7:42	108.9	31	158	8.9	9.0	9.1	8.65	12.5	29.6	.97
648.0	7:43	137.8	34	196	8.9	9.0	9.1	8.65	12.5	27.7	1.00
429											
650.0	7:44	144.6	37	205	8.9	9.0	9.1	8.65	12.5	26.9	1.01
652.0	7:44	149.3	35	210	8.9	9.0	9.2	8.65	12.5	28.3	1.00
654.0	7:45	143.9	36	196	8.9	9.0	9.2	8.65	12.5	28.3	.99
656.0	7:52	110.9	27	172	8.9	9.0	9.2	8.65	12.5	32.2	.96
658.0	7:52	144.9	40	189	8.9	9.0	9.2	8.65	12.5	26.7	1.00
660.0	7:53	157.9	39	212	8.9	9.0	9.2	8.65	12.6	27.1	1.02
662.0	7:54	143.9	41	184	8.9	9.0	9.2	8.65	12.6	26.1	1.01
664.0	7:55	149.7	40	176	8.9	9.0	9.2	8.65	12.6	26.6	1.00
666.0	8: 1	102.7	32	133	8.9	9.0	9.2	8.65	12.6	29.3	.96
668.0	8: 2	143.1	35	165	8.9	9.0	9.2	8.65	12.6	30.1	.93
449											
670.0	8: 3	151.9	33	166	8.9	9.0	9.2	8.65	12.6	31.9	.91
672.0	8: 4	104.5	36	166	8.9	9.0	9.2	8.65	12.6	25.6	1.05
674.0	8: 9	108.3	30	158	8.9	9.0	9.2	8.65	12.6	30.9	.96
678.0	8:11	132.6	33	166	8.9	9.0	9.2	8.65	12.6	29.7	.96
680.0	8:12	127.5	35	165	8.9	9.0	9.2	8.65	12.6	29.0	.97
682.0	8:13	120.9	34	166	8.9	9.0	9.2	8.65	12.6	29.0	.98
684.0	8:14	115.6	32	168	8.9	9.0	9.2	8.65	12.6	29.5	.98
686.0	8:21	113.2	28	157	8.9	9.0	9.2	8.65	12.6	32.3	.94
688.0	8:22	150.2	29	165	8.9	9.0	9.2	8.65	12.6	34.9	.87
690.0	8:23	132.5	31	165	8.9	9.0	9.2	8.65	12.6	31.5	.93
470											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
470											
692.0	8:24	131.9	30	165	8.9	9.0	9.2	8.65	12.7	32.6	.92
694.0	8:30	119.3	31	166	8.9	9.0	9.1	8.65	12.7	30.5	.96
696.0	8:31	113.4	31	167	8.9	9.0	9.1	8.65	12.7	29.8	.98
698.0	8:32	136.7	34	166	8.9	9.0	9.1	8.65	12.7	30.1	.95
700.0	8:33	107.2	34	168	8.9	9.0	9.1	8.65	12.7	27.4	1.02
702.0	8:34	103.0	34	168	8.9	9.0	9.2	8.65	12.7	27.0	1.04
704.0	8:41	117.2	30	154	8.9	9.0	9.2	8.65	12.7	32.6	.93
706.0	8:42	115.5	32	166	8.9	9.0	9.1	8.65	12.7	29.9	.98
708.0	8:43	113.1	34	164	8.9	9.0	9.1	8.65	12.7	28.4	1.00
710.0	8:44	109.7	32	166	8.9	9.0	9.2	8.65	12.7	29.3	.99
490											
712.0	8:45	76.3	34	167	8.9	9.0	9.3	8.65	12.7	25.0	1.11
714.0	8:52	69.9	25	160	8.9	9.0	9.1	8.65	12.7	29.6	1.05
716.0	8:53	67.5	31	161	8.9	9.0	9.1	8.65	12.7	24.2	1.13
718.0	8:55	82.0	34	159	8.9	9.0	9.1	8.65	12.7	24.9	1.09
720.0	8:56	87.9	33	158	8.9	9.0	9.2	8.65	12.7	26.6	1.06
722.0	9: 3	97.5	31	154	8.9	9.0	9.1	8.65	12.7	29.2	1.00
724.0	9: 4	116.9	33	158	8.9	9.0	9.1	8.65	12.7	29.5	.97
726.0	9: 5	136.0	33	158	8.9	9.0	9.1	8.65	12.8	31.1	.93
728.0	9: 6	119.7	40	189	8.9	9.0	9.1	8.65	12.8	24.7	1.08
730.0	9: 6	141.8	40	190	8.9	9.0	9.2	8.65	12.8	27.2	1.02
510											
732.0	9:11	101.2	37	168	8.9	9.0	9.2	8.65	12.8	25.2	1.08
734.0	9:14	61.2	30	178	9.0	9.1	9.2	8.65	12.8	23.5	1.19
736.0	9:15	93.2	26	176	9.0	9.1	9.2	8.65	12.8	31.9	1.00
738.0	9:16	84.2	31	166	9.0	9.1	9.2	8.65	12.8	27.4	1.06
740.0	9:18	115.0	30	169	9.0	9.1	9.2	8.65	12.8	31.7	.97
742.0	9:25	113.3	31	131	9.0	9.1	9.2	8.65	12.8	33.2	.89
744.0	9:26	115.4	40	194	9.0	9.1	9.2	8.65	12.8	25.2	1.08
746.0	9:27	99.3	39	199	9.0	9.1	9.2	8.65	12.8	23.6	1.14
748.0	9:28	118.1	39	199	9.0	9.1	9.2	8.65	12.8	25.9	1.08
750.0	9:29	105.2	41	201	9.0	9.1	9.2	8.65	12.8	23.8	1.13
530											
752.0	9:35	76.5	38	177	9.0	9.1	9.3	8.65	12.8	22.8	1.16
754.0	9:36	97.3	40	198	9.0	9.1	9.2	8.65	12.8	23.8	1.14
756.0	9:37	92.7	39	198	9.0	9.1	9.2	8.65	12.8	24.0	1.15
758.0	9:38	109.5	40	197	9.0	9.1	9.2	8.65	12.9	25.0	1.11
760.0	9:44	109.1	35	165	9.0	9.1	9.3	8.65	12.9	29.4	1.00
762.0	9:45	108.5	37	199	9.0	9.1	9.3	8.65	12.9	26.8	1.08
764.0	9:46	96.9	39	198	9.0	9.1	9.3	8.65	12.9	24.5	1.13
766.0	9:47	140.0	36	202	9.0	9.1	9.3	8.65	12.9	30.4	.99
768.0	9:48	93.7	38	185	9.0	9.1	9.3	8.65	12.9	25.2	1.11
772.0	9:56	83.4	37	179	9.0	9.1	9.3	8.65	12.9	24.8	1.13
551											
774.0	9:58	82.3	39	197	9.0	9.1	9.3	8.65	12.9	23.0	1.18
776.0	9:59	87.6	38	188	9.0	9.1	9.3	8.65	12.9	24.4	1.14
778.0	10: 1	67.8	39	174	9.0	9:1	9.3	8.65	12.9	21.9	1.20
780.0	10: 7	60.0	37	173	9.0	9.1	9.3	8.65	12.9	21.1	1.23
782.0	10: 9	73.0	38	188	9.0	9.1	9.2	8.65	12.9	21.9	1.21
784.0	10:10	66.4	38	186	9.0	9.1	9.2	8.65	12.9	21.0	1.23
786.0	10:12	61.5	39	189	9.0	9.1	9.2	8.65	12.9	20.2	1.26
788.0	10:14	78.9	38	188	9.0	9.1	9.3	8.65	12.9	23.4	1.17
790.0	10:20	73.9	35	161	9.0	9.1	9.2	8.65	12.9	24.9	1.12
792.0	10:22	90.4	41	190	9.0	9.1	9.2	8.65	12.9	22.8	1.17
570											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
570											
794.0	10:23	91.7	49	189	9.0	9.1	9.2	8.65	13.0	19.5	1.23
796.0	10:24	117.6	50	188	9.0	9.1	9.2	8.65	13.0	22.2	1.14
798.0	10:25	106.5	49	188	9.0	9.1	9.3	8.65	13.0	21.6	1.17
800.0	10:31	93.5	44	173	9.0	9.1	9.3	8.65	13.0	23.3	1.14
802.0	10:32	103.7	31	180	9.0	9.1	9.2	8.65	13.0	31.3	1.01
804.0	10:33	85.5	49	183	9.0	9.1	9.3	8.65	13.0	19.4	1.23
806.0	10:34	96.8	47	182	9.0	9.1	9.3	8.65	13.0	22.0	1.17
808.0	10:36	84.0	49	183	9.0	9.1	9.3	8.65	13.0	19.5	1.24
810.0	10:42	89.3	40	169	9.0	9.1	9.3	8.65	13.0	24.8	1.12
812.0	10:43	92.6	36	186	9.0	9.1	9.3	8.65	13.0	26.7	1.10
590											
814.0	10:45	69.9	50	184	9.0	9.1	9.3	8.65	13.0	17.0	1.31
816.0	10:47	75.7	49	184	9.0	9.1	9.3	8.65	13.0	18.2	1.28
818.0	10:48	88.1	49	183	9.0	9.1	9.3	8.65	13.0	20.0	1.22
820.0	10:54	79.6	43	167	9.0	9.1	9.2	8.65	13.0	22.1	1.18
822.0	10:55	104.1	40	192	9.0	9.1	9.2	8.65	13.0	25.5	1.11
824.0	10:57	96.3	37	195	9.0	9.1	9.2	8.65	13.0	26.0	1.12
826.0	10:59	53.1	39	198	9.0	9.1	9.2	8.65	13.0	18.7	1.33
828.0	11: 5	46.5	39	186	9.0	9.1	9.2	8.65	13.0	17.4	1.35
830.0	11: 7	66.5	42	204	9.0	9.1	9.2	8.65	13.1	19.2	1.30
832.0	11: 8	93.1	39	203	9.0	9.1	9.2	8.65	13.1	24.7	1.15
610											
834.0	11:10	102.6	46	191	9.0	9.1	9.2	8.65	13.1	22.8	1.16
836.0	11:11	97.4	49	181	9.0	9.1	9.2	8.65	13.1	21.3	1.18
838.0	11:16	130.1	38	159	9.0	9.1	9.3	8.65	13.1	30.3	.97
840.0	11:17	73.1	45	183	9.0	9.1	9.3	8.65	13.1	20.1	1.25
842.0	11:19	62.4	49	185	9.0	9.1	9.2	8.65	13.1	16.6	1.34
844.0	11:22	42.3	50	188	9.0	9.1	9.2	8.65	13.1	12.0	1.49
848.0	11:29	72.8	45	184	9.0	9.1	9.3	8.65	13.1	19.4	1.28
850.0	11:31	77.3	40	191	9.0	9.1	9.3	8.65	13.1	22.7	1.21
852.0	11:32	99.1	41	191	9.0	9.1	9.3	8.65	13.1	25.1	1.13
854.0	11:33	104.2	50	191	9.0	9.1	9.3	8.65	13.1	21.7	1.19
630											
856.0	11:34	111.1	52	190	9.0	9.1	9.3	8.65	13.1	22.0	1.17
858.0	11:43	84.7	48	178	9.0	9.1	9.2	8.65	13.1	20.9	1.22
860.0	11:45	89.6	47	190	9.0	9.1	9.2	8.65	13.1	21.3	1.22
862.0	11:46	94.8	47	189	9.0	9.1	9.2	8.65	13.1	22.1	1.19
868.0	11:52	114.8	42	169	9.0	9.1	9.2	8.65	13.1	27.3	1.05
870.0	11:53	96.9	47	186	9.0	9.1	9.3	8.65	13.2	23.0	1.18
872.0	11:55	93.8	48	186	9.0	9.1	9.3	8.65	13.2	22.0	1.20
874.0	11:56	95.9	50	185	9.0	9.1	9.3	8.65	13.2	21.4	1.20
875.0	11:57	96.5	50	184	9.0	9.1	9.3	8.65	13.2	21.8	1.20
NEW BIT ID: 3											
876.0	5: 2	40.9	17	96	9.0	9.1	9.3	8.65	13.2	29.2	1.07
652											
878.0	5: 5	40.5	14	100	9.0	9.1	9.3	8.65	13.2	32.0	1.04
880.0	7:26	66.5	17	83	9.0	9.1	9.3	8.65	13.2	34.9	.90
882.0	7:28	74.3	21	97	9.0	9.1	9.3	8.65	13.2	30.6	.97
884.0	7:30	55.0	21	100	9.0	9.1	9.3	8.65	13.2	28.4	1.05
888.0	7:37	59.6	21	94	9.0	9.1	9.4	8.65	13.2	29.4	1.01
890.0	7:40	48.2	22	98	9.0	9.1	9.4	8.65	13.2	26.7	1.09
892.0	8:51	44.5	23	99	9.0	9.1	9.4	8.65	13.2	24.6	1.14

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
666											
894.0	8:54	39.4	23	100	9.0	9.1	9.3	8.65	13.2	22.6	1.19
896.0	9: 2	43.2	23	93	9.0	9.1	9.3	8.65	13.2	24.4	1.14
898.0	9: 4	55.8	30	97	9.0	9.1	9.4	8.65	13.2	21.8	1.15
900.0	9: 6	56.0	31	98	9.0	9.1	9.4	8.65	13.2	21.4	1.16
902.0	9: 8	55.8	33	98	9.0	9.1	9.4	8.65	13.2	20.6	1.18
904.0	9:10	50.3	30	101	9.0	9.1	9.4	8.65	13.2	21.5	1.18
906.0	9:20	45.2	24	92	9.0	9.1	9.4	8.65	13.3	24.8	1.13
908.0	9:28	33.4	20	89	9.0	9.1	9.4	8.65	13.3	26.1	1.15
910.0	9:31	43.0	24	94	9.0	9.1	9.4	8.65	13.3	24.7	1.14
912.0	9:34	43.8	25	96	9.0	9.1	9.4	8.65	13.3	24.1	1.15
685											
914.0	9:38	46.2	25	96	9.0	9.1	9.4	8.65	13.3	24.1	1.15
916.0	9:45	52.8	24	88	9.0	9.1	9.4	8.65	13.3	27.0	1.07
918.0	9:48	46.6	25	93	9.0	9.1	9.4	8.65	13.3	25.0	1.13
920.0	9:50	50.4	26	95	9.0	9.1	9.4	8.65	13.3	24.6	1.13
922.0	9:53	50.3	28	96	9.0	9.1	9.4	8.65	13.3	23.4	1.15
924.0	9:55	52.9	30	101	9.0	9.1	9.5	8.65	13.3	22.6	1.17
926.0	10: 3	50.6	26	106	9.0	9.1	9.4	8.65	13.3	24.3	1.15
928.0	10: 5	52.5	22	115	9.0	9.1	9.4	8.65	13.3	27.6	1.11
930.0	10: 7	60.8	33	117	9.0	9.1	9.5	8.65	13.3	21.2	1.20
932.0	10: 9	59.5	32	119	9.0	9.1	9.5	8.65	13.3	21.4	1.21
705											
934.0	10:11	53.7	33	120	9.0	9.1	9.5	8.65	13.3	19.9	1.25
936.0	10:18	51.8	29	123	9.0	9.1	9.5	8.65	13.3	21.6	1.23
938.0	10:21	53.5	29	127	9.0	9.1	9.5	8.65	13.3	21.7	1.23
940.0	10:23	59.6	29	129	9.0	9.1	9.5	8.65	13.3	22.3	1.20
942.0	10:24	62.7	29	131	9.0	9.1	9.5	8.65	13.3	23.4	1.18
944.0	10:27	58.9	29	132	9.0	9.1	9.5	8.65	13.3	22.9	1.20
946.0	10:34	54.4	29	124	9.0	9.1	9.5	8.65	13.3	22.1	1.22
948.0	10:37	52.4	29	124	9.0	9.1	9.5	8.65	13.4	21.7	1.23
950.0	10:39	49.9	28	126	9.0	9.1	9.5	8.65	13.4	21.7	1.24
952.0	10:41	61.8	28	126	9.0	9.1	9.5	8.65	13.4	24.1	1.17
725											
954.0	10:43	61.4	28	127	9.0	9.1	9.5	8.65	13.4	24.1	1.17
956.0	10:49	52.5	27	125	9.0	9.1	9.5	8.65	13.4	23.3	1.21
958.0	10:52	53.6	33	126	9.0	9.1	9.5	8.65	13.4	19.7	1.27
960.0	10:53	69.5	36	126	9.0	9.1	9.5	8.65	13.4	20.9	1.22
962.0	10:55	66.9	37	125	9.0	9.1	9.5	8.65	13.4	19.9	1.24
964.0	11: 1	60.5	38	125	9.0	9.1	9.5	8.65	13.4	18.5	1.29
966.0	11: 3	60.0	39	127	9.0	9.1	9.5	8.65	13.4	17.9	1.30
968.0	11: 5	65.0	39	128	9.0	9.1	9.5	8.65	13.4	18.4	1.28
970.0	11: 7	65.0	40	129	9.0	9.1	9.5	8.65	13.4	18.2	1.29
972.0	11: 8	68.5	39	129	9.0	9.1	9.5	8.65	13.4	19.4	1.26
745											
974.0	11:14	64.8	37	132	9.0	9.1	9.5	8.65	13.4	19.4	1.27
976.0	11:16	63.2	37	139	9.0	9.1	9.5	8.65	13.4	18.9	1.29
978.0	11:18	67.6	37	136	9.0	9.1	9.5	8.65	13.4	19.9	1.26
980.0	11:20	61.4	37	137	9.0	9.1	9.5	8.65	13.4	18.9	1.30
982.0	11:22	53.4	37	137	9.0	9.1	9.5	8.65	13.4	17.4	1.35
984.0	11:37	53.2	37	137	9.0	9.1	9.4	8.65	13.4	16.5	1.37
986.0	11:39	58.3	39	146	9.0	9.1	9.4	8.65	13.4	16.7	1.37
988.0	11:41	70.2	38	147	9.0	9.1	9.4	8.65	13.4	19.1	1.29
990.0	11:43	76.0	40	147	9.0	9.1	9.5	8.65	13.5	19.0	1.28
992.0	11:44	68.8	39	147	9.0	9.1	9.5	8.65	13.5	18.6	1.31
765											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDD	ECD	PP	FG	POR	DEXP
765											
994.0	11:53	48.9	37	144	9.0	9.1	9.4	8.65	13.5	15.8	1.41
996.0	11:54	69.9	39	144	9.0	9.1	9.4	8.65	13.5	18.6	1.30
998.0	11:56	70.4	39	146	9.0	9.1	9.4	8.65	13.5	18.7	1.30
1000.0	11:58	70.3	38	147	9.0	9.1	9.5	8.65	13.5	19.5	1.29
1002.0	11:59	68.1	38	146	9.0	9.1	9.5	8.65	13.5	19.3	1.30
1004.0	12: 6	58.0	36	150	9.0	9.1	9.5	8.65	13.5	18.1	1.35
1006.0	12: 8	70.6	38	150	9.0	9.1	9.5	8.65	13.5	19.5	1.29
1008.0	12:10	62.4	36	152	9.0	9.1	9.5	8.65	13.5	19.3	1.32
1010.0	12:12	66.7	35	152	9.0	9.1	9.5	8.65	13.5	20.3	1.29
1014.0	12:20	66.5	34	147	9.0	9.1	9.5	8.65	13.5	21.4	1.26
785											
1016.0	12:22	65.3	34	152	9.0	9.1	9.5	8.65	13.5	21.2	1.27
1018.0	12:25	37.3	35	153	9.0	9.1	9.5	8.65	13.5	14.4	1.49
1020.0	12:28	43.0	35	152	9.0	9.1	9.5	8.65	13.5	16.0	1.44
1022.0	12:36	57.1	31	151	9.0	9.1	9.5	8.65	13.5	21.2	1.29
1024.0	12:38	70.7	37	154	9.0	9.1	9.5	8.65	13.5	19.8	1.30
1026.0	12:39	70.8	40	160	9.0	9.1	9.5	8.65	13.5	18.5	1.34
1028.0	12:41	63.5	39	156	9.0	9.1	9.5	8.65	13.5	18.2	1.36
1030.0	12:49	40.5	34	149	9.0	9.1	9.5	8.65	13.5	16.4	1.44
1032.0	12:52	47.5	38	152	9.0	9.1	9.4	8.65	13.5	15.4	1.45
1034.0	12:54	51.2	37	152	9.0	9.1	9.4	8.65	13.6	16.9	1.41
805											
1036.0	12:56	57.2	38	151	9.0	9.1	9.5	8.65	13.6	17.5	1.38
1038.0	12:58	55.2	33	154	9.0	9.1	9.5	8.65	13.6	19.7	1.34
1040.0	13: 4	68.4	35	140	9.0	9.1	9.5	8.65	13.6	21.7	1.25
1042.0	13: 6	57.7	38	160	9.0	9.1	9.5	8.65	13.6	17.3	1.40
1044.0	13: 9	45.4	39	161	9.0	9.1	9.5	8.65	13.6	14.5	1.50
1046.0	13:12	40.7	39	159	9.0	9.1	9.5	8.65	13.6	13.4	1.53
1048.0	13:15	41.3	38	157	9.0	9.1	9.5	8.65	13.6	14.3	1.51
1050.0	13:22	38.1	34	150	9.0	9.1	9.5	8.65	13.6	16.0	1.47
1052.0	13:24	54.5	37	162	9.0	9.1	9.5	8.65	13.6	17.9	1.41
1054.0	13:27	54.1	42	160	9.0	9.1	9.5	8.65	13.6	15.5	1.46
824											
1056.0	13:29	45.9	42	158	9.0	9.1	9.5	8.65	13.6	14.1	1.51
1058.0	13:32	44.7	41	158	9.0	9.1	9.5	8.65	13.6	14.4	1.51
1060.0	13:39	40.9	34	155	9.0	9.1	9.4	8.65	13.6	16.7	1.45
1062.0	13:42	45.6	42	168	9.0	9.1	9.4	8.65	13.6	13.7	1.54
1064.0	13:44	44.9	42	168	9.0	9.1	9.4	8.65	13.6	13.5	1.55
1066.0	13:47	41.6	38	167	9.0	9.1	9.5	8.65	13.6	14.3	1.53
1068.0	13:56	37.0	36	158	9.0	9.1	9.5	8.65	13.6	14.1	1.53
1070.0	13:59	38.2	39	158	9.0	9.1	9.4	8.65	13.6	13.2	1.56
1072.0	14: 2	41.6	42	160	9.0	9.1	9.4	8.65	13.6	13.0	1.56
1074.0	14: 5	41.0	45	159	9.0	9.1	9.4	8.65	13.6	12.0	1.61
844											
1076.0	14: 8	40.1	44	160	9.0	9.1	9.4	8.65	13.6	12.3	1.60
1078.0	14:14	42.0	43	148	9.0	9.1	9.4	8.65	13.7	13.3	1.55
1080.0	14:17	43.0	38	160	9.0	9:1	9.4	8.65	13.7	15.2	1.50
1082.0	14:19	44.3	40	163	9.0	9.1	9.4	8.65	13.7	14.5	1.52
1084.0	14:21	60.0	38	163	9.0	9.1	9.4	8.65	13.7	18.5	1.39
1086.0	14:24	57.3	34	164	9.0	9.1	9.5	8.65	13.7	20.3	1.35
1088.0	14:26	54.9	34	164	9.0	9.1	9.5	8.65	13.7	20.2	1.36
1090.0	14:33	45.1	38	150	9.0	9.1	9.5	8.65	13.7	16.3	1.46
1092.0	14:36	45.8	42	161	9.0	9.1	9.5	8.65	13.7	14.5	1.53
1094.0	14:39	41.6	43	162	9.0	9.1	9.5	8.65	13.7	13.4	1.57
863											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
	863										
1096.0	14:42	41.7	42	162	9.0	9.1	9.5	8.65	13.7	13.7	1.56
1098.0	14:51	32.2	38	153	9.0	9.1	9.5	8.65	13.7	13.0	1.59
1100.0	14:53	51.0	38	163	9.0	9.1	9.4	8.65	13.7	17.1	1.45
1102.0	14:56	37.8	38	164	9.0	9.1	9.4	8.65	13.7	14.1	1.56
1104.0	14:59	42.5	37	164	9.0	9.1	9.4	8.65	13.7	15.8	1.50
1106.0	15: 2	34.9	34	163	9.0	9.1	9.5	8.65	13.7	15.5	1.53
1108.0	15:11	27.5	31	150	9.0	9.1	9.4	8.65	13.7	15.2	1.54
1110.0	15:15	31.6	37	155	9.0	9.1	9.4	8.65	13.7	13.3	1.59
1112.0	15:19	29.4	38	161	9.0	9.1	9.4	8.65	13.7	12.1	1.64
1114.0	15:23	29.8	39	164	9.0	9.1	9.4	8.65	13.7	11.5	1.66
	883										
1116.0	15:27	27.8	39	163	9.0	9.1	9.4	8.65	13.7	10.7	1.69
1118.0	15:35	33.5	36	148	9.0	9.1	9.4	8.65	13.7	14.7	1.54
1120.0	15:38	39.2	36	164	9.0	9.1	9.4	8.65	13.7	15.7	1.52
1122.0	15:42	29.5	36	165	9.0	9.1	9.4	8.65	13.7	13.1	1.62
1124.0	15:45	37.0	36	165	9.0	9.1	9.4	8.65	13.7	15.6	1.54
1126.0	15:53	35.9	37	159	9.0	9.1	9.4	8.65	13.7	14.9	1.55
1128.0	15:56	34.5	37	159	9.0	9.1	9.4	8.65	13.8	14.4	1.57
1130.0	16: 0	31.9	37	165	9.0	9.1	9.4	8.65	13.8	13.5	1.61
1132.0	16: 4	32.9	37	164	9.0	9.1	9.4	8.65	13.8	13.9	1.59
1134.0	16: 8	28.7	37	165	9.0	9.1	9.4	8.65	13.8	12.7	1.64
	903										
1136.0	16:16	30.4	37	158	9.0	9.1	9.4	8.65	13.8	13.2	1.62
1138.0	16:20	33.1	39	171	9.0	9.1	9.4	8.65	13.8	12.8	1.64
1140.0	16:23	33.7	39	173	9.0	9.1	9.4	8.65	13.8	13.0	1.63
1142.0	16:27	33.0	39	170	9.0	9.1	9.4	8.65	13.8	12.8	1.64
1144.0	16:31	27.9	40	159	9.0	9.1	9.4	8.65	13.8	11.4	1.68
1146.0	16:40	25.7	39	152	9.0	9.1	9.4	8.65	13.8	11.1	1.69
1148.0	16:45	28.9	38	157	9.0	9.1	9.4	8.65	13.8	12.4	1.65
1150.0	16:48	34.3	38	158	9.0	9.1	9.4	8.65	13.8	14.5	1.58
1152.0	16:52	29.3	38	159	9.0	9.1	9.4	8.65	13.8	12.8	1.64
1154.0	17: 2	28.0	40	151	9.0	9.1	9.4	8.65	13.8	11.9	1.66
	923										
1156.0	17: 5	31.7	39	145	9.0	9.1	9.4	8.65	13.8	13.7	1.59
1158.0	17: 9	30.4	39	153	9.0	9.1	9.4	8.65	13.8	13.1	1.63
1160.0	17:13	30.8	46	153	9.0	9.1	9.4	8.65	13.8	11.2	1.71
1162.0	17:18	25.7	46	155	9.0	9.1	9.4	8.65	13.8	9.4	1.78
1164.0	17:27	29.3	43	144	9.0	9.1	9.4	8.65	13.8	11.8	1.67
1166.0	17:31	31.4	40	149	9.0	9.1	9.4	8.65	13.8	13.2	1.62
1168.0	17:36	27.6	40	153	9.0	9.1	9.4	8.65	13.8	11.9	1.67
1170.0	17:40	27.6	40	154	9.0	9.1	9.4	8.65	13.8	11.9	1.68
1172.0	17:45	26.0	40	157	9.0	9.1	9.4	8.65	13.8	11.2	1.71
1174.0	17:53	29.1	39	147	9.0	9.1	9.4	8.65	13.8	13.4	1.62
	943										
1176.0	17:57	33.1	36	162	9.0	9.1	9.4	8.65	13.8	15.2	1.58
1178.0	18: 1	30.8	39	164	9.0	9.1	9.3	8.65	13.9	12.7	1.65
1180.0	18: 5	28.5	39	165	9.0	9.1	9.3	8.65	13.9	12.3	1.67
1182.0	18: 9	32.8	39	164	9.0	9.1	9.3	8.65	13.9	13.6	1.62
1184.0	18:17	47.7	39	136	9.0	9.1	9.3	8.65	13.9	18.4	1.42
1186.0	18:21	28.2	39	161	9.0	9.1	9.3	8.65	13.9	12.3	1.67
1188.0	18:25	28.7	38	164	9.0	9.1	9.3	8.65	13.9	12.7	1.66
1190.0	18:29	29.1	38	163	9.0	9.1	9.3	8.65	13.9	12.9	1.65
1192.0	18:36	19.1	39	166	9.0	9.1	9.3	8.65	13.9	8.0	1.83
1194.0	18:46	20.5	35	152	9.0	9.1	9.3	8.65	13.9	11.4	1.71
	962										

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
962											
1196.0	18:51	25.4	40	160	9.0	9.1	9.3	8.65	13.9	11.0	1.72
1198.0	18:56	25.2	39	160	9.0	9.1	9.3	8.65	13.9	11.2	1.71
1200.0	19: 0	26.7	39	161	9.0	9.1	9.3	8.65	13.9	11.9	1.69
1202.0	19: 5	27.2	38	161	9.0	9.1	9.3	8.65	13.9	12.4	1.68
1204.0	19:14	26.3	34	148	9.0	9.1	9.3	8.65	13.9	14.7	1.60
1206.0	19:18	26.3	34	153	9.0	9.1	9.3	8.65	13.9	14.4	1.62
1208.0	19:22	33.1	36	149	9.0	9.1	9.3	8.65	13.9	15.8	1.56
1210.0	19:26	30.0	36	150	9.0	9.1	9.3	8.65	13.9	15.0	1.58
1212.0	19:31	24.8	39	151	9.0	9.1	9.3	8.65	13.9	12.0	1.69
1214.0	19:40	22.3	39	141	9.0	9.1	9.3	8.65	13.9	11.0	1.72
982											
1216.0	19:46	21.9	43	148	9.0	9.1	9.3	8.65	13.9	9.5	1.79
1218.0	19:51	24.2	47	148	9.0	9.1	9.3	8.65	13.9	9.6	1.81
1220.0	19:56	24.0	49	146	9.0	9.1	9.3	8.65	13.9	9.4	1.83
1222.0	20: 5	24.2	49	142	9.0	9.1	9.3	8.65	13.9	9.6	1.82
1224.0	20:10	26.0	41	144	9.0	9.1	9.3	8.65	13.9	11.8	1.70
1226.0	20:15	25.4	40	151	9.0	9.1	9.3	8.65	13.9	11.6	1.71
1228.0	20:20	24.3	38	151	9.0	9.1	9.3	8.65	13.9	12.5	1.69
1230.0	20:24	27.5	38	149	9.0	9.1	9.3	8.65	13.9	13.9	1.64
1232.0	20:33	28.1	41	146	9.0	9.1	9.3	8.65	14.0	12.8	1.68
1234.0	20:38	26.1	49	155	9.0	9.1	9.3	8.65	14.0	10.1	1.82
1002											
1236.0	20:42	28.1	49	151	9.0	9.1	9.3	8.65	14.0	11.0	1.78
1238.0	20:47	25.2	48	151	9.0	9.1	9.3	8.65	14.0	10.1	1.81
1240.0	20:51	28.6	47	150	9.0	9.1	9.3	8.65	14.0	11.5	1.76
1242.0	21: 0	21.6	46	148	9.0	9.1	9.3	8.65	14.0	9.1	1.84
1244.0	21: 6	23.3	47	151	9.0	9.1	9.3	8.65	14.1	9.6	1.83
1246.0	21:10	25.6	48	151	9.0	9.1	9.3	8.65	14.1	10.4	1.81
1248.0	21:15	25.3	47	150	9.0	9.1	9.3	8.65	14.1	10.5	1.80
1250.0	21:20	22.3	46	151	9.0	9.1	9.3	8.65	14.1	9.4	1.84
1252.0	21:31	21.1	48	148	9.0	9.1	9.3	8.65	14.1	8.7	1.88
1254.0	21:36	24.7	48	158	9.0	9.1	9.3	8.65	14.1	9.9	1.84
1022											
1256.0	21:41	23.7	48	155	9.0	9.1	9.3	8.65	14.1	9.7	1.85
1258.0	21:46	25.1	49	154	9.0	9.1	9.3	8.65	14.1	10.2	1.84
1260.0	21:55	25.3	46	148	9.0	9.1	9.3	8.65	14.1	11.0	1.78
1262.0	22: 0	25.3	42	155	9.0	9.1	9.3	8.65	14.1	11.7	1.74
1264.0	22: 4	25.5	42	154	9.0	9.1	9.3	8.65	14.1	11.8	1.74
1266.0	22:10	23.8	42	153	9.0	9.1	9.3	8.65	14.1	11.3	1.76
1268.0	22:14	26.9	41	153	9.0	9.1	9.3	8.65	14.1	12.7	1.71
1270.0	22:18	28.7	48	154	9.0	9.1	9.3	8.65	14.1	11.9	1.78
1272.0	22:26	28.0	50	153	9.0	9.1	9.3	8.65	14.1	11.5	1.81
1274.0	22:31	26.5	50	153	9.0	9.1	9.3	8.65	14.1	11.0	1.83
1042											
1276.0	22:36	24.9	52	154	9.0	9.1	9.3	8.65	14.1	10.3	1.88
1278.0	22:40	24.8	53	154	9.0	9.1	9.3	8.65	14.1	10.2	1.89
1280.0	22:49	28.1	52	152	9.0	9.1	9.3	8.65	14.1	11.6	1.82
1282.0	22:55	19.1	53	154	8.9	9.0	9.3	8.65	14.1	7.6	2.00
1284.0	23: 1	20.7	54	156	8.9	9.0	9.3	8.65	14.1	8.3	1.98
1286.0	23: 7	20.9	51	157	8.9	9.0	9.3	8.65	14.1	8.5	1.96
1288.0	23:12	21.5	53	155	8.9	9.0	9.3	8.65	14.1	8.6	1.97
1290.0	23:21	23.7	50	148	8.9	9.0	9.2	8.65	14.1	9.9	1.88
1292.0	23:27	22.5	54	158	8.9	9.0	9.2	8.65	14.1	8.7	1.98
1294.0	23:32	21.2	49	159	8.9	9.0	9.2	8.65	14.1	8.6	1.94
1062											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1062											
1296.0	23:37	26.1	48	159	8.9	9.0	9.2	8.65	14.1	10.7	1.85
1298.0	23:45	28.5	49	156	8.9	9.0	9.2	8.65	14.1	11.6	1.81
1300.0	23:50	24.8	48	144	8.9	9.0	9.2	8.65	14.2	11.0	1.83
1302.0	23:56	21.5	50	145	8.9	9.0	9.2	8.65	14.2	9.3	1.91
1304.0	0: 2	20.3	49	146	8.9	9.0	9.2	8.65	14.2	8.9	1.91
1306.0	0: 8	19.4	49	146	8.9	9.0	9.2	8.65	14.2	8.4	1.93
1308.0	0:19	20.1	48	141	8.9	9.0	9.2	8.65	14.2	9.1	1.90
1310.0	0:24	20.5	52	145	8.9	9.0	9.2	8.65	14.2	8.8	1.95
1312.0	0:31	19.5	50	146	8.9	9.0	9.2	8.65	14.2	8.4	1.95
1314.0	0:37	19.8	49	146	8.9	9.0	9.2	8.65	14.2	8.8	1.93
1082											
1316.0	0:43	19.0	48	145	8.9	9.0	9.2	8.65	14.2	8.5	1.93
1318.0	0:53	19.4	48	142	8.9	9.0	9.2	8.65	14.2	8.9	1.92
1320.0	0:59	19.5	49	149	8.9	9.0	9.2	8.65	14.2	8.5	1.94
1322.0	1: 5	20.2	49	150	8.9	9.0	9.2	8.65	14.2	8.8	1.93
1324.0	1:11	20.6	48	151	8.9	9.0	9.1	8.65	14.2	9.1	1.92
1326.0	1:17	21.5	48	151	8.9	9.0	9.1	8.65	14.2	9.5	1.91
1328.0	1:27	19.6	47	148	8.9	9.0	9.1	8.65	14.2	9.0	1.92
1330.0	1:33	20.5	50	151	8.9	9.0	9.1	8.65	14.2	9.0	1.94
1332.0	1:39	19.7	52	149	8.9	9.0	9.2	8.65	14.2	8.6	1.98
1334.0	1:45	20.0	53	150	8.9	9.0	9.2	8.65	14.2	8.6	2.00
1102											
1336.0	1:56	20.9	52	150	8.9	9.0	9.1	8.65	14.2	9.1	1.96
1338.0	2: 2	19.8	49	151	8.9	9.0	9.2	8.65	14.2	8.9	1.95
1340.0	2: 8	19.9	50	153	8.9	9.0	9.2	8.65	14.2	8.9	1.96
1342.0	2:14	18.3	49	151	8.9	9.0	9.2	8.65	14.2	8.3	1.98
1344.0	2:21	18.0	49	152	8.9	9.0	9.1	8.65	14.2	8.2	1.98
1346.0	2:31	18.6	45	150	8.9	9.0	9.2	8.65	14.2	9.2	1.92
1348.0	2:38	17.6	48	146	8.9	9.0	9.1	8.65	14.2	8.4	1.97
1350.0	2:45	18.0	48	146	8.9	9.0	9.1	8.65	14.2	8.6	1.96
1352.0	2:52	17.7	48	146	8.9	9.0	9.1	8.65	14.2	8.5	1.97
1354.0	2:58	18.1	48	147	8.9	9.0	9.1	8.65	14.2	8.7	1.96
1122											
1356.0	3:10	18.0	47	143	8.9	9.0	9.1	8.65	14.3	9.0	1.94
1358.0	3:16	18.6	49	148	8.9	9.0	9.1	8.65	14.3	8.9	1.97
1360.0	3:23	17.1	49	150	8.9	9.0	9.1	8.65	14.3	8.1	2.00
1362.0	3:30	17.5	49	152	8.9	9.0	9.1	8.65	14.3	8.3	2.00
1364.0	3:36	18.9	48	151	8.9	9.0	9.1	8.65	14.3	9.2	1.96
1366.0	3:43	38.4	45	143	8.9	9.0	9.2	8.65	14.3	16.9	1.61
1368.0	3:50	18.1	46	151	8.9	9.0	9.2	8.65	14.3	9.3	1.93
1370.0	3:56	17.9	49	152	8.9	9.0	9.2	8.65	14.3	8.7	1.99
1372.0	4: 3	19.1	49	149	8.9	9.0	9.2	8.65	14.3	9.5	1.95
1374.0	4: 9	19.1	49	148	8.9	9.0	9.2	8.65	14.3	9.6	1.95
1141											
1376.0	4:20	17.0	47	146	8.9	9.0	9.1	8.65	14.3	8.8	1.97
1378.0	4:26	19.1	48	154	8.9	9.0	9.1	8.65	14.3	9.5	1.96
1380.0	4:33	17.4	48	152	8.9	9.0	9.1	8.65	14.3	8.8	1.99
1382.0	4:40	17.0	48	152	8.9	9.0	9.1	8.65	14.3	8.6	1.99
1384.0	4:47	17.3	48	153	8.9	9.0	9.1	8.65	14.3	8.8	1.99
1386.0	4:59	16.0	48	145	8.9	9.0	9.1	8.65	14.3	8.4	2.00
1388.0	5: 6	16.3	48	147	8.9	9.0	9.1	8.65	14.3	8.5	2.00
1390.0	5:14	15.4	48	147	8.9	9.0	9.1	8.65	14.3	7.9	2.03
1392.0	5:22	16.2	48	146	8.9	9.0	9.1	8.65	14.3	8.5	2.00
1394.0	5:35	15.7	46	147	8.9	9.0	9.1	8.65	14.3	8.5	1.99
1161											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1161											
1396.0	5:41	18.0	51	149	8.9	9.0	9.1	8.65	14.3	9.1	2.02
1398.0	5:49	16.3	50	151	8.9	9.0	9.1	8.65	14.3	8.3	2.04
1400.0	5:56	15.9	50	151	8.9	9.0	9.1	8.65	14.3	8.1	2.05
1402.0	6: 3	17.4	50	151	8.9	9.0	9.1	8.65	14.3	9.0	2.01
1404.0	6:16	15.8	48	144	8.9	9.0	9.1	8.65	14.3	8.6	2.01
1406.0	6:24	15.9	49	152	8.9	9.0	9.1	8.65	14.3	8.3	2.04
1408.0	6:30	17.6	49	151	8.9	9.0	9.1	8.65	14.3	9.3	2.00
1410.0	6:37	17.0	49	152	8.9	9.0	9.1	8.65	14.3	9.0	2.01
1412.0	6:45	17.3	49	152	8.9	9.0	9.1	8.65	14.3	9.3	2.00
1414.0	6:57	17.8	47	145	8.9	9.0	9.1	8.65	14.4	10.1	1.94
1181											
1416.0	7: 3	18.0	47	150	8.9	9.0	9.1	8.65	14.4	10.1	1.95
1418.0	7:10	17.1	47	151	8.9	9.0	9.1	8.65	14.4	9.6	1.98
1420.0	7:17	17.1	49	152	8.9	9.0	9.1	8.65	14.4	9.3	2.01
1421.0	7:21	19.3	49	153	8.9	9.0	9.1	8.65	14.4	10.5	1.96
NEW BIT ID: 4											
1424.0	12:34	11.2	26	85	8.9	9.0	9.1	8.65	14.4	16.6	1.61
1426.0	12:41	17.1	30	115	8.9	9.0	9.1	8.65	14.4	16.1	1.62
1428.0	12:46	21.8	34	132	8.9	9.0	9.1	8.65	14.4	15.1	1.66
1430.0	12:52	21.4	34	141	8.9	9.0	9.1	8.65	14.4	14.8	1.68
1432.0	12:57	22.7	34	142	8.9	9.0	9.1	8.65	14.4	15.3	1.66
1434.0	13:11	25.9	40	145	8.9	9.0	9.2	8.65	14.4	14.2	1.70
1204											
1436.0	13:15	30.0	44	146	8.9	9.0	9.2	8.65	14.4	14.2	1.71
1438.0	13:19	30.0	45	147	8.9	9.0	9.2	8.65	14.4	14.0	1.72
1440.0	13:24	27.4	44	147	8.9	9.0	9.2	8.65	14.4	13.4	1.74
1442.0	13:33	22.8	44	143	8.9	9.0	9.2	8.65	14.4	11.8	1.80
1444.0	13:37	28.5	43	149	8.9	9.0	9.2	8.65	14.4	14.0	1.72
1446.0	13:41	27.7	48	148	8.9	9.0	9.2	8.65	14.4	13.0	1.79
1448.0	13:45	29.1	49	147	8.9	9.0	9.2	8.65	14.4	13.5	1.78
1450.0	13:49	30.2	50	145	8.9	9.0	9.2	8.65	14.4	13.8	1.78
1452.0	13:58	25.8	47	136	8.9	9.0	9.2	8.65	14.4	13.3	1.77
1454.0	14: 3	25.9	49	148	8.9	9.0	9.2	8.65	14.4	12.4	1.84
1224											
1456.0	14: 7	28.4	50	149	8.9	9.0	9.2	8.65	14.4	13.3	1.80
1458.0	14:11	30.2	51	149	8.9	9.0	9.2	8.65	14.4	13.7	1.80
1460.0	14:15	31.4	52	149	8.9	9.0	9.2	8.65	14.4	14.1	1.79
1462.0	14:23	31.1	51	146	8.9	9.0	9.2	8.65	14.4	14.2	1.78
1464.0	14:27	31.7	49	146	8.9	9.0	9.2	8.65	14.4	14.5	1.75
1466.0	14:31	32.0	49	147	8.9	9.0	9.2	8.65	14.4	14.7	1.75
1468.0	14:34	33.0	49	147	8.9	9.0	9.2	8.65	14.4	15.0	1.73
1470.0	14:38	35.0	50	148	8.9	9.0	9.2	8.65	14.4	15.5	1.73
1472.0	14:46	33.5	49	152	8.9	9.0	9.2	8.65	14.4	15.1	1.73
1474.0	14:49	35.7	49	150	8.9	9.0	9.2	8.65	14.5	15.8	1.71
1244											
1476.0	14:53	34.6	49	151	8.9	9.0	9.2	8.65	14.5	15.6	1.72
1478.0	14:56	34.3	50	152	8.9	9.0	9.2	8.65	14.5	15.4	1.73
1480.0	15: 4	34.9	46	154	8.9	9.0	9.2	8.65	14.5	16.1	1.69
1482.0	15: 7	31.6	47	157	8.9	9.0	9.2	8.65	14.5	15.0	1.75
1484.0	15:11	33.8	48	158	8.9	9.0	9.2	8.65	14.5	15.4	1.73
1486.0	15:15	33.7	48	153	8.9	9.0	9.2	8.65	14.5	15.6	1.72
1488.0	15:18	33.5	48	153	8.9	9.0	9.2	8.65	14.5	15.6	1.73

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1258											
1490.0	15:26	34.5	46	154	8.9	9.0	9.2	8.65	14.5	16.2	1.69
1492.0	15:29	33.4	48	154	8.9	9.0	9.2	8.65	14.5	15.6	1.73
1494.0	15:33	33.1	50	152	8.9	9.0	9.2	8.65	14.5	15.4	1.76
1496.0	15:37	32.2	51	152	8.9	9.0	9.2	8.65	14.5	15.1	1.77
1498.0	15:40	32.9	53	152	8.9	9.0	9.2	8.65	14.5	15.2	1.79
1500.0	15:49	29.6	49	154	8.9	9.0	9.2	8.65	14.5	14.6	1.78
1502.0	15:53	30.8	49	149	8.9	9.0	9.2	8.65	14.5	15.2	1.75
1504.0	15:57	29.1	48	149	8.9	9.0	9.2	8.65	14.5	14.8	1.77
1506.0	16: 1	30.7	49	149	8.9	9.0	9.2	8.65	14.5	15.2	1.76
1508.0	16: 5	29.9	47	150	8.9	9.0	9.2	8.65	14.5	15.3	1.74
1278											
1510.0	16:12	32.3	46	158	8.9	9.0	9.2	8.65	14.5	15.8	1.73
1512.0	16:16	32.6	47	151	8.9	9.0	9.2	8.65	14.5	16.1	1.71
1514.0	16:19	32.2	46	152	8.9	9.0	9.2	8.65	14.5	16.1	1.71
1516.0	16:23	32.8	46	153	8.9	9.0	9.2	8.65	14.5	16.3	1.71
1518.0	16:31	29.4	45	146	8.9	9.0	9.2	8.65	14.5	15.8	1.72
1520.0	16:34	33.2	47	151	8.9	9.0	9.2	8.65	14.5	16.4	1.72
1522.0	16:38	34.5	48	152	8.9	9.0	9.2	8.65	14.5	16.7	1.71
1524.0	16:42	34.0	46	152	8.9	9.0	9.2	8.65	14.5	16.8	1.70
1526.0	16:45	35.2	47	152	8.9	9.0	9.2	8.65	14.5	17.0	1.70
1528.0	16:55	30.6	48	150	8.9	9.0	9.2	8.65	14.5	15.8	1.75
1298											
1530.0	16:58	32.4	49	155	8.9	9.0	9.2	8.65	14.5	16.0	1.76
1532.0	17: 2	34.0	51	155	8.9	9.0	9.2	8.65	14.5	16.2	1.76
1534.0	17: 5	37.1	54	154	8.9	9.0	9.2	8.65	14.6	16.7	1.76
1536.0	17: 9	31.9	54	154	8.9	9.0	9.2	8.65	14.6	15.6	1.82
1538.0	17:16	28.6	51	152	8.9	9.0	9.2	8.65	14.6	15.0	1.82
1540.0	17:20	28.0	50	141	8.9	9.0	9.2	8.65	14.6	15.3	1.79
1542.0	17:25	28.3	50	149	8.9	9.0	9.2	8.65	14.6	15.2	1.80
1544.0	17:29	30.0	51	149	8.9	9.0	9.2	8.65	14.6	15.7	1.79
1546.0	17:32	31.3	51	148	8.9	9.0	9.2	8.65	14.6	16.1	1.78
1548.0	17:40	32.0	47	152	8.9	9.0	9.2	8.65	14.6	16.6	1.73
1317											
1550.0	17:44	33.6	46	156	8.9	9.0	9.2	8.65	14.6	17.2	1.70
1552.0	17:47	34.0	47	154	8.9	9.0	9.2	8.65	14.6	17.1	1.72
1554.0	17:51	30.7	47	155	8.9	9.0	9.2	8.65	14.6	16.3	1.75
1556.0	17:55	29.9	47	155	8.9	9.0	9.2	8.65	14.6	16.1	1.76
1558.0	18: 4	29.8	46	147	8.9	9.0	9.2	8.65	14.6	16.6	1.73
1560.0	18: 8	31.3	46	156	8.9	9.0	9.2	8.65	14.6	16.8	1.73
1562.0	18:12	31.6	46	155	8.9	9.0	9.2	8.65	14.6	16.9	1.73
1564.0	18:15	30.8	46	154	8.9	9.0	9.2	8.65	14.6	16.7	1.74
1566.0	18:24	30.7	48	148	8.9	9.0	9.2	8.65	14.6	16.8	1.74
1568.0	18:28	32.4	45	153	8.9	9.0	9.2	8.65	14.6	17.4	1.70
1337											
1570.0	18:31	33.6	48	152	8.9	9.0	9.2	8.65	14.6	17.4	1.72
1572.0	18:35	34.2	48	153	8.9	9.0	9.2	8.65	14.6	17.6	1.72
1574.0	18:38	34.1	46	154	8.9	9.0	9.2	8.65	14.6	17.8	1.70
1576.0	18:46	33.6	46	143	8.9	9.0	9.2	8.65	14.6	18.2	1.67
1578.0	18:49	34.0	45	149	8.9	9.0	9.2	8.65	14.6	18.3	1.67
1580.0	18:52	35.5	46	149	8.9	9.0	9.2	8.65	14.6	18.6	1.67
1582.0	18:56	34.3	45	150	8.9	9.0	9.2	8.65	14.6	18.4	1.67
1584.0	18:59	36.6	47	149	8.9	9.0	9.2	8.65	14.6	18.7	1.67
1586.0	19: 7	33.1	46	142	8.9	9.0	9.2	8.65	14.6	18.4	1.67
1588.0	19:11	31.8	46	154	8.9	9.0	9.2	8.65	14.6	17.5	1.73
1357											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1357											
1590.0	19:15	30.4	46	156	8.9	9.0	9.2	8.65	14.6	17.2	1.74
1592.0	19:19	33.0	47	155	8.9	9.0	9.2	8.65	14.6	17.9	1.72
1596.0	19:29	28.3	46	150	8.9	9.0	9.2	8.65	14.7	17.0	1.75
1598.0	19:33	29.4	46	149	8.9	9.0	9.2	8.65	14.7	17.3	1.73
1600.0	19:37	32.1	48	149	8.9	9.0	9.2	8.65	14.7	17.8	1.72
1602.0	19:41	29.0	46	152	8.9	9.0	9.2	8.65	14.7	17.1	1.75
1604.0	19:45	29.4	44	153	8.9	9.0	9.2	8.65	14.7	17.6	1.72
1606.0	19:54	28.6	45	149	8.9	9.0	9.2	8.65	14.7	17.3	1.73
1608.0	19:58	32.3	47	149	8.9	9.0	9.2	8.65	14.7	18.0	1.72
1610.0	20: 1	32.7	48	149	8.9	9.0	9.2	8.65	14.7	18.1	1.72
1378											
1612.0	20: 5	31.0	47	150	8.9	9.0	9.2	8.65	14.7	17.7	1.74
1614.0	20:15	29.5	47	145	8.9	9.0	9.2	8.65	14.7	17.5	1.74
1616.0	20:19	31.9	46	149	8.9	9.0	9.2	8.65	14.7	18.3	1.71
1618.0	20:23	31.5	47	151	8.9	9.0	9.2	8.65	14.7	17.9	1.74
1620.0	20:27	31.4	47	152	8.9	9.0	9.2	8.65	14.7	17.9	1.74
1622.0	20:30	33.4	47	151	8.9	9.0	9.2	8.65	14.7	18.5	1.71
1624.0	20:38	29.1	46	150	8.9	9.0	9.2	8.65	14.7	17.5	1.75
1626.0	20:43	28.9	49	149	8.9	9.0	9.2	8.65	14.7	17.2	1.78
1628.0	20:47	28.7	50	149	8.9	9.0	9.2	8.65	14.7	17.0	1.80
1630.0	20:51	29.9	49	150	8.9	9.0	9.2	8.65	14.7	17.4	1.78
1398											
1632.0	20:54	34.3	49	150	8.9	9.0	9.2	8.65	14.7	18.6	1.73
1634.0	21: 1	40.6	49	150	8.9	9.0	9.2	8.65	14.7	20.3	1.66
1636.0	21: 4	43.0	48	157	8.9	9.0	9.2	8.65	14.7	20.6	1.64
1638.0	21: 7	35.5	48	150	8.9	9.0	9.2	8.65	14.7	19.3	1.69
1640.0	21:11	35.6	48	149	8.9	9.0	9.2	8.65	14.7	19.4	1.69
1642.0	21:15	31.1	48	149	8.9	9.0	9.2	8.65	14.7	18.3	1.74
1644.0	21:23	27.7	48	149	8.9	9.0	9.2	8.65	14.7	17.3	1.79
1646.0	21:27	30.9	48	157	8.9	9.0	9.2	8.65	14.7	18.0	1.76
1648.0	21:31	32.0	47	155	8.9	9.0	9.2	8.65	14.7	18.6	1.73
1650.0	21:34	35.0	47	155	8.9	9.0	9.2	8.65	14.7	19.4	1.69
1418											
1652.0	21:42	32.7	48	149	8.9	9.0	9.2	8.65	14.7	18.7	1.73
1654.0	21:46	30.5	49	151	8.9	9.0	9.2	8.65	14.7	18.1	1.77
1656.0	21:49	30.8	49	151	8.9	9.0	9.2	8.65	14.8	18.2	1.76
1658.0	21:54	29.0	49	153	8.9	9.0	9.2	8.65	14.8	17.6	1.79
1660.0	21:58	29.6	49	152	8.9	9.0	9.2	8.65	14.8	17.8	1.79
1662.0	22: 5	39.0	49	144	8.9	9.0	9.2	8.65	14.8	20.7	1.65
1664.0	22: 9	27.0	48	152	8.9	9.0	9.2	8.65	14.8	17.3	1.81
1666.0	22:13	29.6	48	151	8.9	9.0	9.2	8.65	14.8	18.2	1.76
1668.0	22:17	31.8	47	151	8.9	9.0	9.2	8.65	14.8	18.9	1.73
1670.0	22:21	29.8	48	152	8.9	9.0	9.2	8.65	14.8	18.2	1.77
1437											
1672.0	22:30	26.0	46	151	8.9	9.0	9.2	8.65	14.8	17.4	1.80
1674.0	22:35	24.7	48	154	8.9	9.0	9.2	8.65	14.8	16.6	1.85
1676.0	22:40	26.1	48	154	8.9	9.0	9.2	8.65	14.8	17.1	1.83
1678.0	22:43	36.9	47	154	8.9	9.0	9.2	8.65	14.8	20.3	1.68
1680.0	22:48	27.7	47	155	8.9	9.0	9.2	8.65	14.8	17.8	1.80
1682.0	22:54	45.1	47	150	8.9	9.0	9.2	8.65	14.8	22.1	1.60
1684.0	22:57	41.9	50	154	8.9	9.0	9.2	8.65	14.8	21.2	1.66
1686.0	23: 0	47.4	48	151	8.9	9.0	9.2	8.65	14.8	22.7	1.58
1688.0	23: 3	44.4	48	150	8.9	9.0	9.2	8.65	14.8	22.1	1.61
1690.0	23: 6	37.1	48	150	8.9	9.0	9.2	8.65	14.8	20.6	1.68
1457											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1457											
1692.0	23:12	45.6	44	151	8.9	9.0	9.2	8.65	14.8	23.0	1.56
1694.0	23:15	46.6	47	152	8.9	9.0	9.2	8.65	14.8	22.8	1.58
1696.0	23:18	41.9	47	152	8.9	9.0	9.2	8.65	14.8	22.0	1.62
1698.0	23:21	37.1	47	153	8.9	9.0	9.2	8.65	14.8	20.9	1.67
1700.0	23:27	43.5	47	150	8.9	9.0	9.2	8.65	14.8	22.5	1.60
1702.0	23:30	45.7	47	147	8.9	9.0	9.2	8.65	14.8	23.0	1.57
1704.0	23:32	52.2	46	147	8.9	9.0	9.2	8.65	14.8	24.3	1.52
1706.0	23:35	40.9	48	148	8.9	9.0	9.2	8.65	14.8	22.1	1.62
1708.0	23:38	52.1	48	147	8.9	9.0	9.3	8.65	14.8	24.2	1.53
1710.0	23:46	45.5	48	139	8.9	9.0	9.3	8.65	14.8	23.4	1.56
1477											
1712.0	23:49	41.7	47	136	8.9	9.0	9.2	8.65	14.8	22.9	1.58
1714.0	23:52	37.6	47	137	8.9	9.0	9.2	8.65	14.8	22.0	1.62
1716.0	23:55	44.5	47	138	8.9	9.0	9.2	8.65	14.8	23.5	1.56
1718.0	23:58	37.4	47	141	8.9	9.0	9.3	8.65	14.8	21.9	1.63
1720.0	0: 5	33.4	42	139	8.9	9.0	9.2	8.65	14.9	22.7	1.61
1722.0	0: 8	44.1	35	170	8.9	9.0	9.2	8.65	14.9	26.3	1.49
1724.0	0:10	42.4	36	173	8.9	9.0	9.2	8.65	14.9	25.6	1.51
1726.0	0:13	42.2	37	173	8.9	9.0	9.2	8.65	14.9	24.9	1.53
1728.0	0:17	33.0	32	176	8.9	9.0	9.2	8.65	14.9	25.1	1.55
1730.0	0:25	35.9	28	172	8.9	9.0	9.2	8.65	14.9	27.9	1.47
1497											
1732.0	0:29	33.7	28	181	8.9	9.0	9.2	8.65	14.9	27.2	1.50
1734.0	0:32	34.1	29	179	8.9	9.0	9.2	8.65	14.9	27.1	1.50
1736.0	0:35	44.4	30	174	8.9	9.0	9.2	8.65	14.9	28.7	1.43
1738.0	0:43	38.6	30	171	8.9	9.0	9.2	8.65	14.9	27.7	1.46
1740.0	0:46	32.0	28	166	8.9	9.0	9.2	8.65	14.9	27.2	1.49
1742.0	0:49	39.4	31	169	8.9	9.0	9.2	8.65	14.9	27.5	1.47
1744.0	0:53	31.1	32	170	8.9	9.0	9.2	8.65	14.9	24.7	1.57
1746.0	0:57	35.6	32	170	8.9	9.0	9.2	8.65	14.9	25.9	1.53
1748.0	1: 5	37.3	31	163	8.9	9.0	9.2	8.65	14.9	27.2	1.48
1750.0	1: 8	38.8	31	175	8.9	9.0	9.2	8.65	14.9	26.9	1.50
1517											
1752.0	1:12	33.2	32	176	8.9	9.0	9.2	8.65	14.9	25.4	1.56
1754.0	1:16	28.1	31	178	8.9	9.0	9.2	8.65	14.9	23.9	1.62
1756.0	1:25	17.0	35	171	8.9	9.0	9.2	8.65	14.9	17.7	1.85
1758.0	1:35	24.1	44	149	8.9	9.0	9.2	8.65	14.9	18.5	1.80
1760.0	1:39	30.0	46	151	8.9	9.0	9.2	8.65	14.9	20.3	1.74
1762.0	1:43	31.2	46	152	8.9	9.0	9.2	8.65	14.9	19.7	1.77
1764.0	1:48	26.5	46	145	8.9	9.0	9.2	8.65	14.9	19.5	1.77
1766.0	1:51	34.1	46	143	8.9	9.0	9.2	8.65	14.9	21.8	1.67
1768.0	2: 0	27.9	44	146	8.9	9.0	9.2	8.65	14.9	20.4	1.73
1770.0	2: 5	25.5	48	149	8.9	9.0	9.2	8.65	14.9	18.9	1.82
1537											
1772.0	2: 9	29.5	47	151	8.9	9.0	9.2	8.65	14.9	20.2	1.76
1774.0	2:14	25.9	47	151	8.9	9.0	9.2	8.65	14.9	19.1	1.81
1776.0	2:23	26.7	45	145	8.9	9.0	9.2	8.65	14.9	20.1	1.75
1778.0	2:27	29.4	45	143	8.9	9.0	9.2	8.65	14.9	21.0	1.71
1780.0	2:31	31.0	47	147	8.9	9.0	9.2	8.65	14.9	20.9	1.73
1782.0	2:35	30.3	47	147	8.9	9.0	9.2	8.65	14.9	20.8	1.74
1784.0	2:39	27.3	47	147	8.9	9.0	9.2	8.65	15.0	19.8	1.78
1786.0	2:47	33.2	45	143	8.9	9.0	9.2	8.65	15.0	22.1	1.67
1788.0	2:52	24.7	46	147	8.9	9.0	9.2	8.65	15.0	19.3	1.80
1790.0	2:57	24.8	46	149	8.9	9.0	9.2	8.65	15.0	19.2	1.81
1557											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1557											
1792.0	3: 2	23.6	4[illegible]	150	8.9	9.0	9.2	8.65	15.0	18.8	1.83
1794.0	3: 8	19.0	47	149	8.9	9.0	9.2	8.65	15.0	16.9	1.92
1796.0	3:16	28.7	44	142	8.9	9.0	9.2	8.65	15.0	21.2	1.71
1798.0	3:22	22.2	47	144	8.9	9.0	9.2	8.65	15.0	18.5	1.85
1800.0	3:29	16.0	47	145	8.9	9.0	9.2	8.65	15.0	15.6	1.99
1802.0	3:34	24.8	47	145	8.9	9.0	9.2	8.65	15.0	19.5	1.81
1806.0	3:45	20.1	4[illegible]	145	8.9	9.0	9.2	8.65	15.0	17.9	1.88
1808.0	3:51	20.7	44	144	8.9	9.0	9.2	8.65	15.0	18.6	1.83
1810.0	3:57	21.3	45	145	8.9	9.0	9.2	8.65	15.0	18.7	1.84
1812.0	4: 4	17.4	45	148	8.9	9.0	9.2	8.65	15.0	16.8	1.93
1577											
1814.0	4: 9	22.3	44	147	8.9	9.0	9.2	8.65	15.0	19.2	1.81
1816.0	4:21	19.3	42	145	8.9	9.0	9.2	8.65	15.0	18.4	1.85
1818.0	4:27	19.3	45	145	8.9	9.0	9.2	8.65	15.0	17.9	1.88
1820.0	4:32	27.7	46	145	8.9	9.0	9.2	8.65	15.0	20.8	1.76
1822.0	4:38	20.2	47	145	8.9	9.0	9.2	8.65	15.0	17.9	1.90
1824.0	4:44	19.4	47	145	8.9	9.0	9.2	8.65	15.0	17.5	1.92
1826.0	4:53	25.6	47	144	8.9	9.0	9.2	8.65	15.0	20.0	1.80
1828.0	4:58	26.1	45	148	8.9	9.0	9.2	8.65	15.0	20.5	1.78
1830.0	5: 3	22.6	47	149	8.9	9.0	9.2	8.65	15.0	18.9	1.86
1832.0	5: 8	23.4	48	147	8.9	9.0	9.2	8.65	15.0	19.1	1.86
1597											
1834.0	5:13	25.6	47	148	8.9	9.0	9.2	8.65	15.0	20.1	1.81
1836.0	5:25	24.9	45	134	8.9	9.0	9.2	8.65	15.0	20.8	1.76
1838.0	5:30	24.1	48	148	8.9	9.0	9.2	8.65	15.0	19.5	1.85
1840.0	5:34	26.0	47	150	8.9	9.0	9.2	8.65	15.0	20.3	1.81
1842.0	5:40	23.1	48	150	8.9	9.0	9.2	8.65	15.0	19.4	1.86
1844.0	5:48	33.2	47	147	8.9	9.0	9.2	8.65	15.0	22.7	1.70
1846.0	5:52	27.7	45	149	8.9	9.0	9.2	8.65	15.0	21.4	1.76
1848.0	5:57	28.1	50	149	8.9	9.0	9.2	8.65	15.0	20.9	1.81
1850.0	6: 1	26.9	50	149	8.9	9.0	9.2	8.65	15.1	20.6	1.83
1852.0	6: 6	25.7	49	150	8.9	9.0	9.2	8.65	15.1	20.2	1.84
1617											
1854.0	6:15	28.1	49	148	8.9	9.0	9.2	8.65	15.1	21.2	1.79
1856.0	6:19	26.3	50	149	8.9	9.0	9.2	8.65	15.1	20.4	1.84
1858.0	6:24	24.5	51	150	8.9	9.0	9.2	8.65	15.1	19.8	1.88
1860.0	6:30	22.1	51	151	8.9	9.0	9.2	8.65	15.1	18.8	1.93
1862.0	6:34	25.7	50	150	8.9	9.0	9.2	8.65	15.1	20.3	1.85
1864.0	6:46	26.4	50	147	9.0	9.1	9.2	8.65	15.1	20.6	1.83
1866.0	6:51	26.0	50	152	9.0	9.1	9.2	8.65	15.1	20.2	1.86
1868.0	6:55	32.2	50	152	9.0	9.1	9.2	8.65	15.1	22.2	1.77
1870.0	6:59	27.8	50	153	9.0	9.1	9.2	8.65	15.1	21.1	1.82
1872.0	7: 3	31.7	50	152	9.0	9.1	9.2	8.65	15.1	22.3	1.77
1637											
1874.0	7:12	29.5	52	145	9.0	9.1	9.2	8.65	15.1	21.9	1.79
1876.0	7:16	29.3	54	146	9.0	9.1	9.3	8.65	15.1	21.7	1.82
1878.0	7:20	27.2	55	147	9.0	9.1	9.3	8.65	15.1	21.1	1.87
1880.0	7:24	28.9	57	146	9.0	9.1	9.3	8.65	15.1	21.6	1.86
1882.0	7:29	25.6	55	148	9.0	9.1	9.3	8.65	15.1	20.7	1.89
1884.0	7:38	26.1	54	143	9.0	9.1	9.3	8.65	15.1	21.1	1.86
1886.0	7:42	27.3	55	143	9.0	9.1	9.3	8.65	15.1	21.5	1.84
1888.0	7:47	23.3	54	142	9.0	9.1	9.3	8.65	15.1	20.3	1.90
1890.0	7:52	25.8	54	141	9.0	9.1	9.3	8.65	15.1	21.2	1.85
1892.0	8: 1	30.5	53	143	9.0	9.1	9.3	8.65	15.1	22.5	1.79
1657											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1657											
1894.0	8: 7	23.2	51	144	9.0	9.1	9.3	8.65	15.1	20.2	1.88
1896.0	8:10	30.9	54	146	9.0	9.1	9.3	8.65	15.1	22.5	1.80
1898.0	8:15	27.5	54	154	9.0	9.1	9.3	8.65	15.1	21.4	1.86
1900.0	8:19	28.9	54	153	9.0	9.1	9.3	8.65	15.1	21.8	1.84
1902.0	8:30	24.8	54	152	9.0	9.1	9.3	8.65	15.1	20.6	1.90
1904.0	8:34	35.0	54	152	9.0	9.1	9.3	8.65	15.1	23.5	1.76
1906.0	8:37	38.3	53	157	9.0	9.1	9.3	8.65	15.1	24.2	1.72
1908.0	8:40	38.1	55	156	9.0	9.1	9.3	8.65	15.1	24.1	1.75
1910.0	8:43	38.6	55	156	9.0	9.1	9.3	8.65	15.1	24.2	1.75
1912.0	8:53	34.2	43	152	9.0	9.1	9.3	8.65	15.1	25.3	1.63
1677											
1914.0	8:57	30.1	32	161	9.0	9.1	9.3	8.65	15.1	27.9	1.55
1916.0	9: 2	23.7	42	173	9.0	9.1	9.3	8.65	15.2	21.6	1.80
1918.0	9: 7	25.5	41	174	9.0	9.1	9.3	8.65	15.2	22.5	1.76
1919.0	9: 9	30.8	41	173	9.0	9.1	9.3	8.65	15.2	23.9	1.70
NEW BIT ID: 5											
1920.0	16:32	16.6	41	144	9.0	9.1	9.2	8.65	15.2	17.9	1.88
1922.0	16:37	23.6	42	145	9.0	9.1	9.2	8.65	15.2	20.6	1.76
1924.0	16:42	25.8	43	155	9.0	9.1	9.2	8.65	15.2	20.9	1.76
1926.0	16:46	29.6	42	161	9.0	9.1	9.2	8.65	15.2	22.1	1.71
1928.0	16:50	31.6	43	159	9.0	9.1	9.2	8.65	15.2	22.6	1.69
1930.0	17: 0	28.0	42	160	9.0	9.1	9.2	8.65	15.2	21.9	1.72
1699											
1932.0	17: 5	25.7	41	163	9.0	9.1	9.2	8.65	15.2	21.3	1.75
1934.0	17: 8	36.6	43	163	9.0	9.1	9.2	8.65	15.2	23.8	1.65
1936.0	17:12	32.4	43	161	9.0	9.1	9.3	8.65	15.2	23.0	1.68
1938.0	17:15	43.4	43	160	9.0	9.1	9.3	8.65	15.2	25.5	1.57
1940.0	17:24	38.8	43	164	9.0	9.1	9.3	8.65	15.2	24.1	1.64
1942.0	17:26	52.3	43	168	9.0	9.1	9.3	8.65	15.2	27.0	1.52
1944.0	17:29	40.8	43	171	9.0	9.1	9.3	8.65	15.2	24.8	1.62
1946.0	17:32	40.0	43	164	9.0	9.1	9.3	8.65	15.2	24.9	1.61
1948.0	17:41	36.8	43	163	9.0	9.1	9.3	8.65	15.2	24.2	1.64
1950.0	17:43	43.5	45	167	9.0	9.1	9.3	8.65	15.2	25.3	1.60
1719											
1952.0	17:46	45.0	45	171	9.0	9.1	9.3	8.65	15.2	25.5	1.60
1954.0	17:49	39.2	43	170	9.0	9.1	9.3	8.65	15.2	24.8	1.62
1956.0	17:52	43.6	46	162	9.0	9.1	9.3	8.65	15.2	25.5	1.60
1958.0	18: 5	31.3	45	162	9.0	9.1	9.3	8.65	15.2	23.0	1.72
1960.0	18: 9	31.4	44	161	9.0	9.1	9.3	8.65	15.2	23.1	1.70
1962.0	18:12	43.0	46	161	9.0	9.1	9.3	8.65	15.2	25.5	1.61
1964.0	18:15	38.8	45	162	9.0	9.1	9.3	8.65	15.2	24.8	1.63
1966.0	18:18	45.8	44	162	9.0	9.1	9.3	8.65	15.2	26.3	1.56
1968.0	18:25	42.1	41	161	9.0	9.1	9.3	8.65	15.2	26.4	1.55
1970.0	18:28	47.9	44	162	9.0	9.1	9.3	8.65	15.2	26.8	1.54
1739											
1972.0	18:31	40.8	44	164	9.0	9.1	9.3	8.65	15.2	25.4	1.61
1974.0	18:34	40.0	44	165	9.0	9.1	9.3	8.65	15.2	25.3	1.61
1976.0	18:36	49.0	44	165	9.0	9.1	9.3	8.65	15.2	27.0	1.54
1978.0	18:45	34.2	45	161	9.0	9.1	9.3	8.65	15.2	24.0	1.68
1980.0	18:48	42.8	44	165	9.0	9.1	9.3	8.65	15.2	25.9	1.59
1982.0	18:50	44.7	44	163	9.0	9.1	9.3	8.65	15.2	26.4	1.57
1984.0	18:53	40.3	44	163	9.0	9.1	9.3	8.65	15.3	25.5	1.61

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1753											
1988.0	19: 1	67.1	45	154	9.0	9.1	9.3	8.65	15.3	29.7	1.42
1990.0	19: 4	47.1	46	150	9.0	9.1	9.3	8.65	15.3	27.3	1.53
1992.0	19: 7	34.6	46	152	9.0	9.1	9.3	8.65	15.3	24.6	1.66
1994.0	19:10	42.6	45	152	9.0	9.1	9.3	8.65	15.3	26.5	1.57
1996.0	19:13	40.1	44	153	9.0	9.1	9.3	8.65	15.3	26.2	1.58
1998.0	19:20	44.4	44	159	9.0	9.1	9.3	8.65	15.3	26.8	1.56
2000.0	19:22	50.7	46	160	9.0	9.1	9.3	8.65	15.3	27.7	1.53
2002.0	19:25	46.9	47	160	9.0	9.1	9.3	8.65	15.3	26.9	1.57
2004.0	19:27	46.5	46	163	9.0	9.1	9.3	8.65	15.3	26.9	1.57
2006.0	19:30	38.9	44	163	9.0	9.1	9.3	8.65	15.3	25.8	1.61
1774											
2008.0	19:38	38.6	43	166	9.0	9.1	9.3	8.65	15.3	25.9	1.61
2010.0	19:41	43.9	46	165	9.0	9.1	9.3	8.65	15.3	26.4	1.60
2012.0	19:43	52.7	45	164	9.0	9.1	9.3	8.65	15.3	28.1	1.52
2014.0	19:46	40.3	45	162	9.0	9.1	9.3	8.65	15.3	26.1	1.61
2016.0	19:53	43.7	43	151	9.0	9.1	9.3	8.65	15.3	27.5	1.54
2018.0	19:55	60.7	48	167	9.0	9.1	9.3	8.65	15.3	29.0	1.50
2020.0	19:58	45.7	45	171	9.0	9.1	9.3	8.65	15.3	27.0	1.59
2022.0	20: 0	45.6	46	166	9.0	9.1	9.3	8.65	15.3	27.0	1.59
2024.0	20: 3	48.9	46	165	9.0	9.1	9.3	8.65	15.3	27.6	1.56
2026.0	20:11	38.5	46	164	9.0	9.1	9.3	8.65	15.3	25.6	1.65
1794											
2028.0	20:14	40.7	46	160	9.0	9.1	9.3	8.65	15.3	26.2	1.62
2030.0	20:17	41.5	46	159	9.0	9.1	9.3	8.65	15.3	26.4	1.61
2032.0	20:20	39.0	48	158	9.0	9.1	9.3	8.65	15.3	25.8	1.65
2034.0	20:22	46.7	51	156	9.0	9.1	9.3	8.65	15.3	27.0	1.62
2036.0	20:30	43.5	46	160	9.0	9.1	9.3	8.65	15.3	26.9	1.60
2038.0	20:32	52.8	50	161	9.0	9.1	9.3	8.65	15.3	28.0	1.57
2040.0	20:35	39.3	48	160	9.0	9.1	9.3	8.65	15.3	25.9	1.66
2042.0	20:39	38.4	49	158	9.0	9.1	9.3	8.65	15.3	25.6	1.67
2044.0	20:41	44.3	46	156	9.0	9.1	9.3	8.65	15.3	27.3	1.58
2046.0	20:54	41.3	45	149	9.0	9.1	9.3	8.65	15.3	27.2	1.58
1814											
2048.0	20:56	43.7	46	165	9.0	9.1	9.3	8.65	15.3	26.9	1.61
2050.0	20:59	41.6	47	160	9.0	9.1	9.3	8.65	15.3	26.6	1.63
2052.0	21: 2	39.3	50	161	9.0	9.1	9.3	8.65	15.4	25.9	1.68
2054.0	21: 5	45.5	48	156	9.0	9.1	9.3	8.65	15.4	27.4	1.60
2056.0	21:12	51.1	47	145	9.0	9.1	9.3	8.65	15.4	28.8	1.52
2058.0	21:15	44.0	47	156	9.0	9.1	9.3	8.65	15.4	27.2	1.60
2060.0	21:17	45.6	49	155	9.0	9.1	9.3	8.65	15.4	27.4	1.60
2062.0	21:20	47.7	48	155	9.0	9.1	9.3	8.65	15.4	28.0	1.57
2064.0	21:29	32.7	46	132	9.0	9.1	9.3	8.65	15.4	26.5	1.62
2066.0	21:31	49.7	48	155	9.0	9.1	9.3	8.65	15.4	28.6	1.56
1834											
2068.0	21:34	46.3	49	160	9.0	9.1	9.3	8.65	15.4	27.8	1.61
2070.0	21:37	42.0	47	161	9.0	9.1	9.3	8.65	15.4	27.2	1.63
2072.0	21:39	47.9	49	160	9.0	9.1	9.3	8.65	15.4	28.0	1.60
2074.0	21:47	41.4	48	146	9.0	9.1	9.3	8.65	15.4	27.3	1.62
2076.0	21:51	27.7	42	167	9.0	9.1	9.3	8.65	15.4	24.8	1.72
2078.0	21:55	28.1	40	179	9.0	9.1	9.3	8.65	15.4	25.0	1.72
2080.0	21:59	31.2	40	182	9.0	9.1	9.3	8.65	15.4	26.0	1.68
2082.0	22: 3	27.9	40	183	9.0	9.1	9.3	8.65	15.4	25.0	1.73
2084.0	22:12	29.6	38	175	9.0	9.1	9.3	8.65	15.4	26.3	1.67
2086.0	22:17	29.0	39	182	9.0	9.1	9.3	8.65	15.4	25.9	1.70
1854											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1854											
2088.0	22:20	30.5	39	181	9.0	9.1	9.3	8.65	15.4	26.3	1.68
2090.0	22:25	26.3	38	182	9.0	9.1	9.3	8.65	15.4	25.4	1.72
2092.0	22:29	31.2	38	181	9.0	9.1	9.3	8.65	15.4	26.8	1.66
2094.0	22:37	37.1	31	169	9.0	9.1	9.3	8.65	15.4	31.6	1.47
2096.0	22:41	30.6	28	182	9.0	9.1	9.3	8.65	15.4	31.1	1.52
2098.0	22:45	31.8	36	178	9.0	9.1	9.3	8.65	15.4	28.0	1.62
2100.0	22:49	34.6	37	176	9.0	9.1	9.3	8.65	15.4	27.9	1.61
2102.0	22:57	32.3	38	166	9.0	9.1	9.3	8.65	15.4	27.6	1.62
2104.0	23: 1	31.6	39	181	9.0	9.1	9.3	8.65	15.4	26.6	1.67
2106.0	23: 4	33.1	39	184	9.0	9.1	9.3	8.65	15.4	27.2	1.65
1874											
2108.0	23: 9	29.0	39	184	9.0	9.1	9.3	8.65	15.4	26.0	1.71
2110.0	23:13	28.3	37	183	9.0	9.1	9.3	8.65	15.4	26.7	1.68
2112.0	23:21	29.9	37	183	9.0	9.1	9.3	8.65	15.4	27.0	1.67
2114.0	23:26	24.7	38	182	9.0	9.1	9.3	8.65	15.4	25.1	1.75
2116.0	23:30	26.8	38	183	9.0	9.1	9.3	8.65	15.4	26.0	1.72
2118.0	23:35	24.5	37	185	9.0	9.1	9.3	8.65	15.4	25.6	1.74
2120.0	23:40	27.5	36	182	9.0	9.1	9.3	8.65	15.4	26.8	1.68
2122.0	23:49	28.1	36	183	9.0	9.1	9.3	8.65	15.5	26.9	1.68
2124.0	23:53	28.8	38	180	9.0	9.1	9.3	8.65	15.5	26.3	1.70
2126.0	23:58	27.1	40	178	9.0	9.1	9.3	8.65	15.5	25.4	1.74
1894											
2128.0	0: 2	28.2	39	177	9.0	9.1	9.3	8.65	15.5	26.0	1.71
2130.0	0: 6	29.0	39	177	9.1	9.1	9.3	8.65	15.5	26.3	1.70
2132.0	0:15	30.5	33	180	9.1	9.1	9.3	8.65	15.5	29.1	1.60
2134.0	0:19	31.7	34	181	9.1	9.1	9.3	8.65	15.5	29.0	1.60
2136.0	0:22	34.5	35	181	9.1	9.1	9.3	8.65	15.5	29.5	1.58
2138.0	0:26	31.9	34	181	9.1	9.1	9.3	8.65	15.5	29.2	1.59
2140.0	0:35	28.1	34	174	9.0	9.1	9.3	8.65	15.5	28.3	1.63
2142.0	0:40	25.9	34	170	9.0	9.1	9.3	8.65	15.5	28.0	1.64
2144.0	0:44	32.0	36	171	9.0	9.1	9.3	8.65	15.5	28.8	1.60
2146.0	0:48	27.5	36	171	9.0	9.1	9.3	8.65	15.5	27.9	1.64
1914											
2148.0	0:52	30.2	35	173	9.0	9.1	9.3	8.65	15.5	28.9	1.60
2150.0	0:59	51.2	34	175	9.0	9.1	9.3	8.65	15.5	33.6	1.41
2152.0	1: 3	28.2	35	176	9.0	9.1	9.3	8.65	15.5	28.2	1.64
2154.0	1: 7	33.4	35	176	9.0	9.1	9.3	8.65	15.5	29.6	1.58
2156.0	1:11	29.2	34	174	9.0	9.1	9.3	8.65	15.5	28.8	1.61
2158.0	1:15	28.9	35	175	9.0	9.1	9.3	8.65	15.5	28.5	1.63
2160.0	1:23	36.8	35	177	9.0	9.1	9.3	8.65	15.5	30.4	1.55
2162.0	1:26	33.3	36	179	9.0	9.1	9.3	8.65	15.5	29.0	1.61
2164.0	1:30	33.6	36	175	9.0	9.1	9.3	8.65	15.5	29.2	1.60
2166.0	1:33	34.3	36	175	9.0	9.1	9.3	8.65	15.5	29.6	1.58
1933											
2168.0	1:37	35.1	35	174	9.0	9.1	9.3	8.65	15.5	30.0	1.57
2170.0	1:46	28.9	34	174	9.0	9.1	9.3	8.65	15.5	29.1	1.62
2172.0	1:49	33.1	32	176	9.0	9.1	9.3	8.65	15.5	30.7	1.56
2174.0	1:54	28.0	33	174	9.0	9.1	9.3	8.65	15.5	29.2	1.62
2176.0	1:57	33.0	33	172	9.0	9.1	9.3	8.65	15.5	30.8	1.55
2178.0	2: 1	37.1	34	171	9.0	9.1	9.3	8.65	15.5	31.4	1.52
2180.0	2: 9	32.7	35	174	9.0	9.1	9.3	8.65	15.5	29.8	1.59
2182.0	2:12	43.2	35	168	9.0	9.1	9.3	8.65	15.5	32.2	1.48
2184.0	2:15	40.1	35	161	9.0	9.1	9.3	8.65	15.5	31.7	1.49
2186.0	2:18	41.2	39	160	9.0	9.1	9.3	8.65	15.5	30.8	1.52
1953											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1953											
2188.0	2:26	39.1	38	159	9.0	9.1	9.3	8.65	15.5	30.7	1.53
2190.0	2:29	34.9	38	158	9.0	9.1	9.3	8.65	15.5	29.6	1.58
2192.0	2:33	35.2	37	158	9.0	9.1	9.3	8.65	15.5	30.3	1.56
2194.0	2:35	42.3	37	158	9.0	9.1	9.3	8.65	15.6	31.6	1.50
2196.0	2:39	36.7	40	158	9.0	9.1	9.3	8.65	15.6	29.7	1.57
2198.0	2:46	35.5	40	158	9.0	9.1	9.3	8.65	15.6	29.3	1.59
2200.0	2:50	33.9	40	163	9.0	9.1	9.3	8.65	15.6	28.7	1.63
2202.0	2:53	36.8	40	158	9.0	9.1	9.3	8.65	15.6	29.6	1.58
2204.0	2:56	40.0	40	159	9.0	9.1	9.3	8.65	15.6	30.4	1.55
2206.0	2:59	40.1	39	160	9.0	9.1	9.3	8.65	15.6	30.8	1.54
1973											
2208.0	3: 3	42.3	34	160	9.0	9.1	9.3	8.65	15.6	33.1	1.46
2210.0	3: 7	39.8	38	161	9.0	9.1	9.3	8.65	15.6	31.2	1.52
2212.0	3:10	36.2	37	161	9.0	9.1	9.3	8.65	15.6	30.7	1.55
2214.0	3:13	46.2	38	162	9.0	9.1	9.3	8.65	15.6	32.3	1.48
2216.0	3:16	31.5	38	162	9.0	9.1	9.3	8.65	15.6	29.3	1.62
2218.0	3:24	31.3	35	160	9.0	9.1	9.3	8.65	15.6	30.7	1.57
2220.0	3:28	30.0	34	164	9.0	9.1	9.3	8.65	15.6	30.6	1.58
2222.0	3:32	30.8	36	160	9.0	9.1	9.3	8.65	15.6	30.0	1.59
2224.0	3:36	33.3	38	160	9.0	9.1	9.3	8.65	15.6	29.8	1.59
2226.0	3:40	26.2	40	160	9.1	9.1	9.3	8.65	15.6	27.3	1.71
1992											
2228.0	3:50	29.4	40	161	9.1	9.1	9.3	8.65	15.6	28.2	1.67
2230.0	3:54	28.5	41	159	9.1	9.1	9.3	8.65	15.6	27.8	1.68
2232.0	3:59	28.5	42	157	9.2	9.2	9.3	8.65	15.6	27.5	1.70
2234.0	4: 2	33.3	43	155	9.2	9.2	9.4	8.65	15.6	28.7	1.64
2236.0	4:11	31.1	42	154	9.2	9.2	9.4	8.65	15.6	28.6	1.65
2238.0	4:16	29.4	38	159	9.3	9.3	9.4	8.65	15.6	29.2	1.63
2240.0	4:20	29.1	42	156	9.3	9.3	9.4	8.65	15.6	28.1	1.67
2242.0	4:23	35.9	42	157	9.3	9.3	9.4	8.65	15.6	29.8	1.60
2244.0	4:27	28.7	43	159	9.3	9.3	9.4	8.65	15.6	27.8	1.70
2246.0	4:35	33.7	44	158	9.3	9.3	9.5	8.65	15.6	29.1	1.64
2012											
2248.0	4:40	30.0	47	154	9.3	9.3	9.5	8.65	15.6	27.9	1.70
2250.0	4:43	34.9	47	155	9.3	9.3	9.5	8.65	15.6	29.2	1.65
2252.0	4:46	44.9	47	155	9.3	9.3	9.5	8.65	15.6	31.3	1.55
2254.0	4:49	36.7	48	154	9.3	9.3	9.5	8.65	15.6	29.7	1.63
2256.0	4:58	30.4	44	154	9.3	9.3	9.6	8.65	15.6	28.8	1.65
2258.0	5: 1	45.3	47	156	9.3	9.3	9.6	8.65	15.6	31.5	1.54
2260.0	5: 4	35.5	47	157	9.3	9.3	9.6	8.65	15.6	29.6	1.63
2262.0	5: 8	34.2	46	156	9.3	9.3	9.6	8.65	15.6	29.6	1.63
2264.0	5:11	33.8	43	156	9.3	9.3	9.6	8.65	15.6	29.9	1.60
2266.0	5:22	30.9	42	144	9.3	9.3	9.6	8.65	15.6	30.0	1.60
2032											
2268.0	5:25	33.9	44	162	9.3	9.3	9.6	8.65	15.7	29.9	1.62
2270.0	5:29	33.2	45	162	9.3	9.3	9.6	8.65	15.7	29.7	1.64
2272.0	5:37	28.2	45	149	9.3	9.3	9.6	8.65	15.7	28.7	1.68
2274.0	5:44	34.0	48	150	9.3	9.3	9.6	8.65	15.7	29.6	1.65
2276.0	5:48	30.2	49	152	9.3	9.3	9.6	8.65	15.7	28.7	1.70
2278.0	5:52	32.8	48	154	9.3	9.3	9.6	8.65	15.7	29.4	1.67
2280.0	5:56	31.8	49	155	9.3	9.3	9.6	8.65	15.7	29.2	1.68
2282.0	6: 0	30.7	48	154	9.3	9.3	9.6	8.65	15.7	29.0	1.69
2284.0	6: 8	30.7	47	153	9.3	9.3	9.6	8.65	15.7	29.2	1.68
2286.0	6:11	33.3	49	160	9.3	9.3	9.6	8.65	15.7	29.4	1.68
2052											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2052											
2288.0	6:15	34.2	49	160	9.3	9.3	9.6	8.65	15.7	29.6	1.68
2290.0	6:19	32.2	48	158	9.3	9.3	9.6	8.65	15.7	29.3	1.68
2292.0	6:23	28.6	47	156	9.3	9.3	9.6	8.65	15.7	28.6	1.71
2294.0	6:32	26.7	47	157	9.3	9.3	9.6	8.65	15.7	28.1	1.74
2296.0	6:36	25.8	46	159	9.3	9.3	9.6	8.65	15.7	27.9	1.74
2298.0	6:40	31.3	50	157	9.3	9.3	9.6	8.65	15.7	29.1	1.71
2300.0	6:44	31.1	50	156	9.3	9.3	9.6	8.65	15.7	29.0	1.71
2302.0	6:48	31.1	51	156	9.3	9.3	9.6	8.65	15.7	29.0	1.73
2304.0	6:56	28.7	47	153	9.3	9.3	9.6	8.65	15.7	28.8	1.70
2306.0	7: 1	28.3	48	157	9.3	9.3	9.6	8.65	15.7	28.5	1.73
2072											
2308.0	7: 5	30.1	45	157	9.3	9.3	9.6	8.65	15.7	29.5	1.67
2310.0	7: 9	26.7	43	157	9.3	9.3	9.6	8.65	15.7	28.8	1.69
2312.0	7:19	28.6	46	154	9.3	9.3	9.6	8.65	15.7	29.1	1.69
2314.0	7:23	27.5	44	157	9.3	9.3	9.6	8.65	15.7	29.0	1.68
2316.0	7:27	30.5	47	158	9.3	9.3	9.6	8.65	15.7	29.3	1.69
2318.0	7:32	27.2	50	152	9.3	9.3	9.6	8.65	15.7	28.3	1.76
2320.0	7:36	27.8	49	150	9.3	9.3	9.6	8.65	15.7	28.6	1.74
2322.0	7:45	32.8	45	152	9.3	9.3	9.6	8.65	15.7	30.4	1.63
2326.0	7:51	27.8	46	158	9.3	9.3	9.6	8.65	15.7	28.9	1.71
2328.0	7:56	29.7	46	157	9.3	9.3	9.6	8.65	15.7	29.5	1.68
2092											
2330.0	7:59	31.4	47	155	9.3	9.3	9.6	8.65	15.7	29.8	1.67
2332.0	8: 4	25.8	48	156	9.3	9.3	9.6	8.65	15.7	28.3	1.75
2334.0	8:12	29.5	43	155	9.3	9.3	9.6	8.65	15.7	30.1	1.64
2336.0	8:16	30.3	50	157	9.3	9.3	9.6	8.65	15.7	29.3	1.72
2338.0	8:21	30.4	49	155	9.3	9.3	9.6	8.65	15.7	29.4	1.71
2340.0	8:25	27.1	49	154	9.3	9.3	9.6	8.65	15.7	28.6	1.75
2342.0	8:36	21.0	46	157	9.3	9.3	9.6	8.65	15.8	26.7	1.82
2344.0	8:41	23.2	48	162	9.3	9.3	9.6	8.65	15.8	27.3	1.82
2346.0	8:46	24.3	50	156	9.3	9.3	9.6	8.65	15.8	27.7	1.81
2348.0	8:51	24.2	49	153	9.3	9.3	9.6	8.65	15.8	27.9	1.79
2112											
2350.0	8:55	25.1	47	153	9.3	9.3	9.6	8.65	15.8	28.3	1.76
2352.0	9: 5	25.2	46	158	9.3	9.3	9.6	8.65	15.8	28.4	1.75
2354.0	9:10	26.3	45	159	9.3	9.3	9.6	8.65	15.8	28.9	1.72
2356.0	9:14	25.8	45	158	9.3	9.3	9.6	8.65	15.8	28.8	1.73
2358.0	9:19	25.4	44	153	9.3	9.3	9.6	8.65	15.8	29.0	1.71
2360.0	9:28	24.6	41	150	9.3	9.3	9.6	8.65	15.8	29.5	1.68
2362.0	9:33	24.8	42	158	9.3	9.3	9.6	8.65	15.8	29.2	1.70
2364.0	9:38	25.5	43	155	9.3	9.3	9.6	8.65	15.8	29.4	1.69
2366.0	9:42	28.1	44	154	9.3	9.3	9.6	8.65	15.8	29.9	1.67
2368.0	9:47	26.4	42	154	9.3	9.3	9.6	8.65	15.8	29.8	1.67
2132											
2370.0	9:56	23.6	43	153	9.3	9.3	9.6	8.65	15.8	28.8	1.72
2372.0	10: 1	26.3	42	157	9.3	9.3	9.6	8.65	15.8	29.8	1.68
2374.0	10: 5	28.0	42	155	9.3	9:3	9.6	8.65	15.8	30.5	1.64
2376.0	11:49	16.1	30	150	9.3	9.3	9.5	8.65	15.8	30.5	1.67
2378.0	11:56	17.1	30	165	9.3	9.3	9.5	8.65	15.8	30.7	1.68
2380.0	12:14	13.2	30	147	9.3	9.3	9.5	8.65	15.8	28.9	1.74
2382.0	12:22	16.6	29	154	9.3	9.3	9.5	8.65	15.8	31.3	1.65
2384.0	12:28	18.1	29	161	9.3	9.3	9.5	8.65	15.8	31.8	1.63
2386.0	12:35	17.8	29	160	9.3	9.3	9.5	8.65	15.8	31.8	1.63
2388.0	12:41	19.1	27	160	9.3	9.3	9.5	8.65	15.8	33.2	1.58
2152											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
2154											
				NEW BIT ID: -1							
2391.0	1:25	1.2	13	75	9.3	9.3	10.0	8.65	15.8	25.1	1.87
2392.0	2:12	1.3	17	93	9.3	9.3	10.1	8.65	15.8	19.8	2.07
2393.0	2:51	1.5	19	105	9.3	9.3	10.1	8.65	15.8	19.4	2.10
2394.0	3:28	1.6	19	106	9.3	9.3	10.1	8.65	15.8	19.8	2.09
2395.0	4: 4	1.7	19	106	9.3	9.3	10.1	8.65	15.8	20.3	2.07
2396.0	4:43	1.5	19	106	9.3	9.3	10.1	8.65	15.8	19.7	2.10
2397.0	5:24	1.4	19	108	9.3	9.3	10.1	8.65	15.8	19.1	2.12
2398.0	6:15	1.2	19	111	9.3	9.3	10.1	8.65	15.8	17.1	2.21
2399.0	7: 4	1.3	20	90	9.3	9.3	10.1	8.65	15.8	18.1	2.16
2400.0	8: 4	1.0	19	86	9.3	9.3	10.1	8.65	15.8	17.7	2.17
2207											
2401.0	8:59	1.1	20	86	9.3	9.3	10.1	8.65	15.8	17.8	2.17
2402.0	9:54	1.1	19	87	9.3	9.3	10.1	8.65	15.8	18.1	2.16
2402.4	10:13	1.3	21	97	9.3	9.3	10.1	8.65	15.8	17.7	2.20
				NEW BIT ID: -2							
2403.0	20:33	1.9	19	109	9.3	9.3	10.1	8.65	15.8	22.3	2.05
2404.0	21: 6	1.8	26	144	9.3	9.3	10.2	8.65	15.8	15.1	2.38
2405.0	21:36	2.0	28	145	9.3	9.3	10.2	8.65	15.8	14.8	2.40
2406.0	21:59	2.6	26	159	9.3	9.3	10.2	8.65	15.8	17.7	2.29
2407.0	22:19	3.0	31	162	9.3	9.3	10.2	8.65	15.8	16.5	2.36
2408.0	22:46	2.2	32	164	9.3	9.3	10.3	8.65	15.8	13.6	2.51
2409.0	23: 4	3.3	35	162	9.3	9.3	10.3	8.65	15.8	15.6	2.44
2237											
2410.0	23:23	3.2	35	130	9.3	9.3	10.3	8.65	15.8	16.7	2.35
2411.0	23:40	3.5	33	129	9.3	9.3	10.2	8.65	15.8	18.0	2.28
				NEW BIT ID: -3							
2412.0	9:11	3.0	11	70	9.3	9.3	10.1	8.65	15.8	34.7	1.56
2413.0	9:40	2.0	22	115	9.3	9.3	10.2	8.65	15.8	19.8	2.15
2414.0	10: 0	3.0	23	139	9.3	9.3	10.2	8.65	15.8	21.2	2.08
2415.0	10:14	4.3	23	152	9.3	9.3	10.2	8.65	15.8	23.4	2.03
2416.0	10:31	3.5	24	160	9.3	9.3	10.2	8.65	15.9	21.5	2.12
2417.0	10:44	4.6	23	163	9.3	9.3	10.2	8.65	15.9	23.6	2.04
2419.0	10:57	10.2	23	159	9.3	9.3	10.2	8.65	15.9	30.1	1.77
2420.0	11: 2	11.3	23	159	9.3	9.3	10.2	8.65	15.9	30.8	1.74
2252											
2421.0	11: 8	10.7	24	159	9.3	9.3	10.2	8.65	15.9	30.0	1.77
2422.0	11:13	11.7	23	160	9.3	9.3	10.3	8.65	15.9	31.0	1.73
2423.0	11:16	18.1	23	160	9.3	9.3	10.3	8.65	15.9	34.7	1.58
2424.0	11:20	14.0	22	159	9.3	9.3	10.3	8.65	15.9	32.9	1.66
2425.0	11:25	13.5	23	160	9.3	9.3	10.3	8.65	15.9	32.1	1.69
				NEW BIT ID: -4							
2426.0	20: 5	10.7	12	75	9.3	9.3	10.1	8.65	15.9	43.0	1.28
2427.0	20:11	10.7	20	132	9.3	9.3	10.1	8.65	15.9	32.9	1.62
2428.0	20:13	27.2	21	139	9.3	9.3	10.2	8.65	15.9	39.2	1.38
2429.0	20:15	22.9	20	144	9.3	9.3	10.2	8.65	15.9	38.0	1.43
2430.0	20:18	25.5	19	145	9.3	9.3	10.2	8.65	15.9	39.8	1.38
2266											
2431.0	20:20	30.1	20	146	9.3	9.3	10.2	8.65	15.9	40.3	1.35
2432.0	20:23	17.2	19	146	9.3	9.3	10.2	8.65	15.9	36.9	1.49
2433.0	20:28	12.2	22	142	9.3	9.3	10.2	8.65	15.9	32.2	1.66
2434.0	20:33	12.5	23	142	9.3	9.3	10.2	8.65	15.9	32.0	1.67

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2270											
2435.0	20:39	10.6	23	142	9.3	9.3	10.2	8.65	15.9	30.5	1.73
2436.0	20:42	16.9	23	139	9.3	9.3	10.3	8.65	15.9	34.5	1.57
2437.0	20:46	15.2	24	137	9.3	9.3	10.2	8.65	15.9	33.1	1.62
2438.0	20:49	19.3	24	139	9.3	9.3	10.2	8.65	15.9	35.1	1.53
NEW BIT ID: -5											
2439.0	6: 4	10.0	8	80	9.3	9.3	10.1	8.65	15.9	46.8	1.20
2440.0	6:12	6.9	8	115	9.3	9.3	10.1	8.65	15.9	42.0	1.37
2441.0	6:20	7.7	13	108	9.3	9.3	10.1	8.65	15.9	36.5	1.50
2442.0	6:33	4.6	15	125	9.3	9.3	10.2	8.65	15.9	30.8	1.72
2443.0	6:49	3.8	16	130	9.3	9.3	10.3	8.65	15.9	28.7	1.82
2444.0	7: 8	3.1	16	131	9.3	9.3	10.4	8.65	15.9	27.1	1.89
2284											
2445.0	7:25	3.6	16	131	9.3	9.3	10.4	8.65	15.9	28.3	1.84
2446.0	7:45	2.9	16	132	9.3	9.3	10.4	8.65	15.9	26.5	1.91
2447.0	8: 1	3.7	16	129	9.3	9.3	10.4	8.65	15.9	29.0	1.82
2448.0	8:13	5.3	16	127	9.3	9.3	10.4	8.65	15.9	31.5	1.72
2449.0	8:30	3.5	17	137	9.3	9.3	10.4	8.65	15.9	26.8	1.91
2450.0	8:52	2.8	17	145	9.3	9.3	10.4	8.65	15.9	25.1	1.98
2451.0	9: 7	3.8	16	130	9.3	9.3	10.3	8.65	15.9	28.5	1.84
NEW BIT ID: -6											
2452.0	15:31	14.1	7	77	9.3	9.3	10.0	8.65	15.9	51.6	1.08
2453.0	15:49	3.4	16	95	9.3	9.3	10.1	8.65	15.9	29.2	1.76
2454.0	15:52	17.5	22	109	9.3	9.3	10.1	8.65	15.9	36.6	1.46
2299											
2455.0	15:56	16.3	21	105	9.3	9.3	10.1	8.65	15.9	36.7	1.46
2456.0	16: 1	12.2	21	116	9.3	9.3	10.2	8.65	15.9	33.9	1.58
2457.0	16: 7	10.0	22	119	9.3	9.3	10.2	8.65	15.9	32.1	1.66
2458.0	16:14	7.8	21	120	9.3	9.3	10.2	8.65	15.9	30.6	1.73
2459.0	16:47	2.3	26	134	9.3	9.3	10.2	8.65	15.9	17.4	2.30
2460.0	17: 5	3.3	27	139	9.3	9.3	10.3	8.65	15.9	20.2	2.19
2461.0	17:48	1.5	28	138	9.3	9.3	10.2	8.65	15.9	13.2	2.49
2462.0	18:13	2.1	30	117	9.3	9.3	10.3	8.65	15.9	15.8	2.38
2463.0	18:35	2.7	30	130	9.3	9.3	10.3	8.65	15.9	18.1	2.29
2464.0	19:16	1.7	31	91	9.3	9.3	10.2	8.65	15.9	15.5	2.38
2319											
2464.6	19:30	3.4	30	93	9.3	9.3	10.3	8.65	15.9	21.7	2.10

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2320											
NEW BIT ID: 7											
2466.0	15:45	14.8	22	71	9.3	9.3	9.6	8.65	15.9	39.1	1.32
2468.0	15:59	8.4	29	72	9.3	9.3	9.6	8.65	15.9	30.9	1.62
2470.0	16: 8	14.0	37	68	9.3	9.3	9.6	8.65	15.9	31.7	1.56
2472.0	16:13	25.4	41	67	9.3	9.3	9.6	8.65	15.9	35.0	1.38
2474.0	16:22	12.8	42	67	9.3	9.3	9.6	8.65	15.9	29.7	1.64
2476.0	16:34	22.3	44	60	9.3	9.3	9.6	8.65	15.9	34.4	1.43
2478.0	16:44	12.6	48	63	9.3	9.3	9.7	8.65	15.9	29.0	1.71
2480.0	16:51	19.1	48	62	9.3	9.3	9.7	8.65	15.9	32.2	1.55
2482.0	17: 2	10.5	48	64	9.3	9.3	9.7	8.65	15.9	27.8	1.77
2484.0	17:10	18.7	47	62	9.3	9.3	9.7	8.65	15.9	32.0	1.56
2343											
2486.0	17:37	13.1	44	65	9.3	9.3	9.7	8.65	15.9	29.9	1.65
2488.0	17:47	12.1	43	71	9.3	9.3	9.7	8.65	15.9	28.9	1.70
2490.0	17:55	14.5	43	71	9.3	9.3	9.6	8.65	15.9	30.5	1.63
2492.0	18: 6	11.5	44	71	9.3	9.3	9.6	8.65	15.9	28.6	1.72
2494.0	18:10	30.3	40	71	9.3	9.3	9.6	8.65	16.0	36.8	1.33
2496.0	18:22	28.5	37	71	9.3	9.3	9.7	8.65	16.0	37.0	1.34
2498.0	18:29	20.3	41	76	9.3	9.3	9.7	8.65	16.0	32.7	1.53
2500.0	18:31	46.4	37	74	9.3	9.3	9.7	8.65	16.0	40.9	1.16
2502.0	18:34	38.0	38	74	9.3	9.3	9.7	8.65	16.0	39.3	1.23
2504.0	18:45	38.6	37	70	9.3	9.3	9.7	8.65	16.0	40.2	1.20
2363											
2506.0	18:48	43.9	40	75	9.3	9.3	9.7	8.65	16.0	39.5	1.22
2508.0	18:52	31.3	42	74	9.3	9.3	9.7	8.65	16.0	36.9	1.34
2510.0	18:58	20.5	46	67	9.3	9.3	9.7	8.65	16.0	33.3	1.52
2512.0	19: 3	23.2	44	67	9.3	9.3	9.7	8.65	16.0	34.7	1.44
2514.0	19:12	44.8	42	66	9.3	9.3	9.7	8.65	16.0	40.2	1.18
2516.0	19:17	26.3	41	75	9.3	9.3	9.7	8.65	16.0	35.5	1.41
2518.0	19:24	17.5	45	75	9.3	9.3	9.7	8.65	16.0	31.6	1.61
2520.0	19:36	11.1	46	63	9.3	9.3	9.7	8.65	16.0	29.4	1.72
2522.0	19:48	9.8	45	61	9.3	9.3	9.7	8.65	16.0	28.7	1.75
2524.0	20: 2	17.5	39	62	9.3	9.3	9.7	8.65	16.0	33.8	1.50
2382											
2526.0	20:14	11.7	43	67	9.3	9.3	9.7	8.65	16.0	29.9	1.69
2528.0	20:25	10.7	42	63	9.3	9.3	9.7	8.65	16.0	29.8	1.69
2530.0	20:37	10.7	44	56	9.3	9.3	9.7	8.65	16.0	30.4	1.67
2532.0	20:41	28.4	43	48	9.3	9.3	9.7	8.65	16.0	39.3	1.24
2534.0	20:49	33.1	42	49	9.3	9.3	9.7	8.65	16.0	40.6	1.18
2536.0	20:52	44.3	42	53	9.3	9.3	9.7	8.65	16.0	42.1	1.11
2538.0	21: 7	12.3	42	50	9.3	9.3	9.7	8.65	16.0	32.7	1.57
2540.0	21:24	7.5	44	48	9.3	9.3	9.7	8.65	16.0	29.4	1.74
2542.0	21:37	14.3	46	52	9.3	9.3	9.7	8.65	16.0	33.4	1.55
2544.0	21:44	17.2	47	57	9.3	9.3	9.7	8.65	16.0	33.9	1.53
2402											
2546.0	21:54	13.7	46	58	9.3	9.3	9.7	8.65	16.0	32.1	1.62
2548.0	22: 0	18.7	44	58	9.3	9.3	9.7	8.65	16.0	34.8	1.48
2550.0	22:13	9.6	43	60	9.3	9.3	9.7	8.65	16.0	29.9	1.72
2552.0	22:27	14.0	46	61	9.3	9.3	9.7	8.65	16.0	32.2	1.62
2554.0	22:38	12.2	45	69	9.3	9.3	9.7	8.65	16.0	30.3	1.72
2556.0	22:45	16.3	47	68	9.3	9.3	9.7	8.65	16.0	32.3	1.63
2558.0	22:59	8.9	48	68	9.3	9.3	9.7	8.65	16.0	27.9	1.85

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
2415											
2560.0	23: 5	28.9	46	63	9.3	9.3	9.7	8.65	16.0	36.0	1.44
2562.0	23:12	31.8	46	53	9.3	9.3	9.7	8.65	16.0	39.3	1.27
2564.0	23:17	29.1	48	55	9.3	9.3	9.7	8.65	16.0	38.1	1.34
2566.0	23:34	7.8	48	53	9.3	9.3	9.7	8.65	16.0	28.8	1.81
2568.0	23:43	13.3	48	54	9.3	9.3	9.7	8.65	16.0	32.8	1.61
2570.0	23:51	15.2	47	54	9.3	9.3	9.7	8.65	16.0	33.8	1.56
2572.0	0:15	10.7	47	54	9.3	9.3	9.6	8.65	16.1	31.0	1.70
2574.0	0:23	15.0	46	57	9.3	9.3	9.6	8.65	16.1	33.4	1.57
2576.0	0:30	16.8	45	57	9.3	9.3	9.6	8.65	16.1	34.4	1.52
2578.0	0:41	12.1	45	58	9.3	9.3	9.6	8.65	16.1	31.7	1.66
2435											
2580.0	0:55	17.3	46	58	9.3	9.3	9.7	8.65	16.1	34.6	1.52
2582.0	1: 7	10.5	42	58	9.3	9.3	9.7	8.65	16.1	31.4	1.67
2584.0	1:20	9.7	43	58	9.3	9.3	9.7	8.65	16.1	30.6	1.71
2592.0	0:13	8.7	44	58	9.3	9.3	9.6	8.65	16.1	29.8	1.76
2594.0	0:24	11.0	45	59	9.3	9.3	9.6	8.65	16.1	31.2	1.70
2596.0	0:34	12.0	45	59	9.3	9.3	9.6	8.65	16.1	31.9	1.66
2598.0	0:41	17.5	45	57	9.3	9.3	9.6	8.65	16.1	34.9	1.51
2600.0	0:48	19.5	45	57	9.3	9.3	9.6	8.65	16.1	35.6	1.48
2602.0	0:53	25.0	45	57	9.3	9.3	9.6	8.65	16.1	37.5	1.38

DUMP B

RS	-	Calculated rock matrix strength. A dimensionless number derived from previous field data which relates to the strength of the rock.
MTI	-	The mud temperature in, in degrees centigrade.
MTO	-	Mud temperature out, in degrees centigrade.
MRO	-	The mud resistivity out, in ohm-metres
YPM	-	The yield point of the mud in lbs/100 sq. ft.
PVM	-	The Plastic viscosity of the mud in centipoise
MVI	-	The mud flow rate in gallons per minute, computed from the pump rate and pump output
MDOV	-	The mud density override setting

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
68											
250.0	22:22	.45	19	23	.00	.48	1	1	1167	.0	2
254.0	22:23	.57	19	23	.00	.56	1	1	1186	.0	2
256.0	22:23	1.41	19	23	.00	.54	1	1	1186	.0	2
260.0	22:32	.95	19	23	.00	.51	1	1	1431	.0	2
262.0	22:32	-.58	19	22	.00	.51	1	1	1448	.0	2
266.0	22:34	.51	19	21	.00	.49	1	1	1448	.0	3
270.0	22:40	.46	19	21	.00	.53	1	1	1412	.0	2
280.0	0:11	1.36	20	21	.00	.85	1	1	801	.0	3
282.0	0:11	1.40	21	21	.00	.85	1	1	592	.0	1
284.0	0:11	1.19	21	22	.00	.85	1	1	592	.0	1
88											
286.0	0:12	1.33	21	22	.00	.85	1	1	589	.0	2
290.0	0:50	1.57	20	22	.00	.47	1	1	1139	.0	3
292.0	0:54	1.82	20	21	.00	.46	1	1	1108	.0	2
294.0	0:58	1.23	20	21	.00	.46	1	1	1062	.0	1
296.0	0:59	1.62	20	21	.00	.49	1	1	1066	.0	2
298.0	1: 0	1.73	20	21	.00	.47	1	1	1071	.0	2
300.0	1: 1	1.94	20	21	.00	.46	1	1	1073	.0	2
302.0	1: 2	2.19	21	21	.00	.48	1	1	1073	.0	2
304.0	1: 2	1.60	21	21	.00	.57	1	1	1075	.0	2
306.0	1: 9	1.85	21	21	.00	.57	1	1	1084	.0	2
108											
308.0	1:10	1.55	23	21	.00	.48	3	2	1231	.0	2
310.0	1:10	1.66	23	21	.00	.48	3	2	1231	.0	2
312.0	1:11	1.57	23	21	.00	.47	3	2	1234	.0	2
314.0	1:17	1.61	23	21	.00	.54	3	2	1155	.0	2
316.0	1:18	1.61	23	21	.00	.48	3	2	1155	.0	2
318.0	1:18	1.52	23	21	.00	.47	3	2	1157	.0	2
320.0	1:19	1.42	23	21	.00	.47	3	2	1159	.0	2
322.0	1:26	.67	23	21	.00	.47	3	2	1159	.0	1
324.0	1:27	1.37	23	21	.00	.48	3	2	1159	.0	2
326.0	1:27	1.54	23	21	.00	.46	3	2	1159	.0	2
127											
328.0	1:28	1.61	23	21	.00	.45	3	2	1159	.0	2
330.0	1:29	1.70	23	21	.00	.47	3	2	1163	.0	2
332.0	1:37	1.70	23	21	.00	.53	3	2	1222	.0	2
334.0	1:38	1.50	25	22	.00	.50	3	2	1233	.0	2
336.0	1:39	1.93	25	22	.00	.48	3	2	1242	.0	2
338.0	1:40	1.97	25	22	.00	.46	3	2	1256	.0	2
340.0	1:41	2.05	25	22	.00	.44	3	2	1267	.0	2
342.0	1:48	1.97	24	22	.00	.48	3	2	1283	.0	2
344.0	1:48	1.81	24	22	.00	.48	3	2	1293	.0	2
346.0	1:49	1.68	24	22	.00	.46	3	2	1293	.0	2
147											
348.0	1:49	1.92	24	22	.00	.46	3	2	1293	.0	2
350.0	1:51	1.74	24	22	.00	.46	3	2	1293	.0	2
352.0	1:57	1.76	22	22	.00	.49	3	2	1277	.0	2
354.0	1:58	1.79	21	22	.00	.50	3	2	1274	.0	2
356.0	1:59	1.87	21	22	.00	.51	3	2	1274	.0	2
358.0	2: 1	1.80	21	22	.00	.49	3	2	1274	.0	2
360.0	2: 6	1.56	21	22	.00	.49	3	2	1274	.0	2
362.0	2: 7	1.65	21	22	.00	.50	3	2	1274	.0	2
364.0	2: 8	1.73	21	22	.00	.51	3	2	1274	.0	2
366.0	2: 9	1.80	22	22	.00	.50	5	2	1309	.0	2
167											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
167											
368.0	2:16	1.57	22	22	.00	.50	5	2	1309	.0	2
370.0	2:16	1.74	24	23	.00	.50	5	2	1309	.0	2
372.0	2:17	1.83	23	23	.00	.51	5	2	1309	.0	2
374.0	2:17	1.92	23	23	.00	.52	5	2	1309	.0	2
376.0	2:18	1.95	23	23	.00	.52	5	2	1309	.0	2
380.0	2:25	1.69	23	23	.00	.49	5	2	1313	.0	3
382.0	2:26	1.93	23	23	.00	.51	5	2	1321	.0	2
384.0	2:26	1.91	23	23	.00	.53	5	2	1321	.0	2
386.0	2:27	1.87	23	23	.00	.51	5	2	1325	.0	2
388.0	2:28	1.56	23	23	.00	.52	5	2	1325	.0	2
188											
390.0	2:35	1.87	23	23	.00	.51	5	2	1325	.0	2
392.0	2:35	1.91	23	23	.00	.51	5	2	1325	.0	2
394.0	2:36	1.93	23	23	.00	.52	5	2	1327	.0	2
396.0	2:43	1.90	23	23	.00	.52	5	2	1327	.0	2
398.0	2:45	2.01	22	23	.00	.51	5	2	1309	.0	2
400.0	2:45	1.93	23	23	.00	.54	5	2	1309	.0	2
402.0	2:46	1.93	23	23	.00	.54	5	2	1313	.0	2
404.0	2:55	2.31	24	24	.00	.42	5	2	1483	.0	2
406.0	3: 9	2.34	23	24	.00	.50	6	3	1246	.0	2
408.0	3:11	2.15	23	25	.00	.52	6	3	1267	.0	2
208											
410.0	3:12	2.27	24	25	.00	.53	6	3	1267	.0	2
412.0	3:13	2.34	24	26	.00	.53	6	3	1267	.0	2
418.0	3:20	2.02	24	26	.00	.52	6	3	1260	.0	3
420.0	3:20	2.18	24	26	.00	.52	6	3	1249	.0	2
422.0	3:21	2.01	24	26	.00	.53	6	3	1249	.0	2
424.0	3:22	1.74	24	26	.00	.52	6	3	1249	.0	2
426.0	3:23	1.48	23	26	.00	.52	6	3	1256	.0	2
428.0	3:30	1.73	23	26	.00	.52	6	3	1257	.0	2
430.0	3:31	1.89	23	26	.00	.53	6	3	1259	.0	2
432.0	3:32	1.82	23	26	.00	.52	6	3	1263	.0	2
229											
434.0	3:32	1.67	23	26	.00	.51	6	3	1263	.0	2
436.0	3:38	2.12	23	26	.00	.52	6	3	1271	.0	2
438.0	3:39	1.90	24	26	.00	.51	6	3	1278	.0	2
440.0	3:39	1.82	24	26	.00	.51	8	5	1241	.0	2
442.0	3:40	1.73	24	26	.00	.52	8	5	1241	.0	2
444.0	3:40	1.69	24	26	.00	.51	8	5	1241	.0	2
446.0	3:47	2.08	24	26	.00	.52	8	5	1241	.0	2
448.0	3:48	2.06	24	26	.00	.53	8	5	1218	.0	2
450.0	3:48	1.96	24	26	.00	.53	8	5	1222	.0	2
452.0	3:49	2.07	25	26	.00	.52	8	5	1222	.0	2
249											
460.0	3:58	2.16	25	26	.00	.53	8	5	1209	.0	2
466.0	4: 6	1.82	25	27	.00	.55	8	5	1248	.0	2
468.0	4: 7	1.77	25	27	.00	.58	8	5	1255	.0	2
470.0	4: 8	2.02	25	27	.00	.57	8	5	1255	.0	2
472.0	4: 9	1.88	25	27	.00	.57	8	5	1255	.0	2
478.0	4:10	1.80	25	27	.00	.59	8	5	1255	.0	2
480.0	4:18	1.91	25	27	.00	.58	8	5	1255	.0	1
482.0	4:19	2.24	25	27	.00	.58	8	5	1255	.0	2
484.0	4:20	2.27	24	27	.00	.57	9	6	1255	.0	2
486.0	4:27	2.23	26	28	.00	.54	10	6	1256	.0	2
268											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
268											
488.0	4:28	2.37	27	28	.00	.55	10	6	1259	.0	2
490.0	4:29	2.29	27	28	.00	.55	10	6	1259	.0	2
492.0	4:30	2.40	27	28	.00	.57	10	6	1259	.0	2
494.0	4:37	2.19	26	28	.00	.56	10	6	1253	.0	2
496.0	4:38	2.31	26	28	.00	.56	10	6	1239	.0	2
498.0	4:40	2.18	26	28	.00	.58	10	6	1239	.0	2
500.0	4:41	2.35	26	28	.00	.58	10	6	1239	.0	2
502.0	4:42	1.96	25	28	.00	.58	10	6	1239	.0	2
504.0	4:48	2.23	26	28	.00	.58	10	6	1231	.0	2
506.0	4:49	2.44	26	28	.00	.58	10	6	1225	.0	2
288											
508.0	4:50	2.39	26	28	.00	.58	10	6	1227	.0	2
510.0	4:51	2.35	26	28	.00	.59	10	6	1227	.0	2
512.0	4:52	2.38	26	28	.00	.58	10	6	1227	.0	2
514.0	4:58	2.28	27	29	.00	.58	10	6	1235	.0	2
516.0	4:59	2.30	27	29	.00	.59	10	6	1241	.0	2
518.0	5: 0	2.28	27	29	.00	.59	10	6	1244	.0	2
520.0	5: 1	2.38	28	29	.00	.58	10	6	1244	.0	2
522.0	5: 7	2.46	28	29	.00	.59	10	6	1244	.0	2
524.0	5: 8	2.20	27	29	.00	.60	10	6	1234	.0	2
526.0	5: 9	2.44	27	29	.00	.61	10	6	1236	.0	2
308											
528.0	5:10	2.54	27	29	.00	.59	10	6	1236	.0	2
530.0	5:10	2.59	27	29	.00	.58	10	6	1240	.0	2
532.0	5:18	2.36	27	29	.00	.59	10	6	1218	.0	2
534.0	5:18	2.74	27	29	.00	.59	10	6	1156	.0	2
536.0	5:19	2.65	27	29	.00	.59	10	6	1156	.0	2
538.0	5:20	2.68	27	29	.00	.59	10	6	1156	.0	2
540.0	5:20	2.64	27	29	.00	.59	10	6	1161	.0	2
544.0	5:27	2.43	26	29	.00	.59	10	6	1160	.0	3
546.0	5:27	2.63	26	29	.00	.60	10	6	1166	.0	2
548.0	5:28	2.44	26	29	.00	.61	10	6	1164	.0	2
329											
550.0	5:29	2.48	26	29	.00	.61	10	6	1164	.0	2
552.0	5:37	2.23	26	29	.00	.61	10	6	1150	.0	2
554.0	5:38	2.57	27	29	.00	.61	10	6	1158	.0	2
556.0	5:39	2.42	27	29	.00	.62	10	6	1207	.0	2
558.0	5:40	2.76	27	29	.00	.62	10	6	1207	.0	2
560.0	5:41	2.53	28	30	.00	.60	10	6	1207	.0	2
562.0	5:42	2.43	28	30	.00	.59	10	6	1207	.0	2
564.0	5:47	2.36	28	30	.00	.61	10	6	1211	.0	2
566.0	5:48	2.34	28	30	.00	.62	10	6	1216	.0	2
568.0	5:48	2.26	28	30	.00	.61	10	6	1216	.0	2
349											
570.0	5:49	2.21	28	30	.00	.61	10	6	1216	.0	2
572.0	5:55	2.13	28	30	.00	.59	10	6	1218	.0	2
574.0	5:56	2.23	28	30	.00	.59	10	6	1226	.0	2
576.0	5:57	2.28	28	29	.00	.60	10	6	1226	.0	2
578.0	5:57	2.37	28	29	.00	.59	10	6	1228	.0	2
580.0	6: 4	2.32	28	29	.00	.59	10	6	1226	.0	2
582.0	6: 4	2.30	27	29	.00	.59	10	6	1223	.0	2
584.0	6: 5	2.52	27	30	.00	.59	10	6	1223	.0	2
586.0	6: 6	2.43	27	29	.00	.60	10	6	1223	.0	2
588.0	6: 7	2.47	27	29	.00	.60	10	6	1229	.0	2
369											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
369											
590.0	6:14	2.60	27	30	.00	.59	10	6	1211	.0	2
592.0	6:15	2.58	27	30	.00	.59	10	6	1210	.0	2
594.0	6:16	2.67	28	30	.00	.61	10	6	1211	.0	2
596.0	6:17	2.94	28	30	.00	.60	10	6	1213	.0	2
598.0	6:23	2.67	29	31	.00	.59	10	6	1213	.0	2
600.0	6:24	2.52	30	31	.00	.58	10	6	1218	.0	2
602.0	6:25	2.67	29	31	.00	.58	10	6	1218	.0	2
604.0	6:26	2.66	29	31	.00	.59	10	6	1218	.0	2
606.0	6:28	2.66	29	31	.00	.58	10	6	1218	.0	2
608.0	6:29	2.52	28	31	.00	.57	10	6	1220	.0	2
389											
610.0	6:41	2.53	29	31	.00	.58	10	6	1213	.0	2
612.0	6:42	2.85	29	32	.00	.59	10	6	1214	.0	2
614.0	6:43	2.77	29	31	.00	.59	10	6	1209	.0	2
616.0	6:44	2.70	29	31	.00	.60	10	6	1209	.0	2
618.0	6:46	2.86	29	31	.00	.59	10	6	1209	.0	2
620.0	6:53	2.57	29	31	.00	.59	10	6	1209	.0	2
622.0	6:54	2.56	28	31	.00	.60	10	6	1209	.0	2
624.0	6:55	2.49	28	31	.00	.61	10	6	1209	.0	2
626.0	6:56	2.41	28	30	.00	.60	10	6	1209	.0	2
628.0	7:19	2.60	28	31	.00	.59	10	6	1214	.0	2
409											
630.0	7:20	2.44	29	30	.00	.57	10	6	1237	.0	2
632.0	7:21	2.47	29	30	.00	.58	10	6	1237	.0	2
634.0	7:23	2.49	29	31	.00	.57	10	6	1238	.0	2
636.0	7:32	2.51	28	31	.00	.57	10	6	1237	.0	2
638.0	7:33	2.76	26	31	.00	.58	10	6	1217	.0	2
640.0	7:34	2.88	26	30	.00	.59	10	6	1217	.0	2
642.0	7:35	2.83	26	30	.00	.59	10	6	1217	.0	2
644.0	7:36	2.80	26	30	.00	.58	10	6	1217	.0	2
646.0	7:42	2.73	26	31	.00	.58	10	6	1202	.0	2
648.0	7:43	2.80	26	30	.00	.56	10	6	1140	.0	2
429											
650.0	7:44	2.84	26	30	.00	.57	10	6	1140	.0	2
652.0	7:44	2.78	27	30	.00	.56	10	6	1142	.0	2
654.0	7:45	2.78	27	30	.00	.58	10	6	1144	.0	2
656.0	7:52	2.63	27	30	.00	.56	10	6	1152	.0	2
658.0	7:52	2.85	28	31	.00	.56	10	6	1246	.0	2
660.0	7:53	2.83	28	30	.00	.57	10	6	1246	.0	2
662.0	7:54	2.88	28	30	.00	.56	10	6	1248	.0	2
664.0	7:55	2.86	28	30	.00	.56	10	6	1250	.0	2
666.0	8: 1	2.75	28	30	.00	.55	10	6	1235	.0	2
668.0	8: 2	2.72	28	30	.00	.55	10	6	1206	.0	2
449											
670.0	8: 3	2.66	28	30	.00	.54	10	6	1206	.0	2
672.0	8: 4	2.90	28	30	.00	.55	10	6	1206	.0	2
674.0	8: 9	2.70	28	30	.00	.55	10	6	1213	.0	2
678.0	8:11	2.74	28	30	.00	.56	10	6	1226	.0	3
680.0	8:12	2.78	28	30	.00	.54	10	6	1226	.0	2
682.0	8:13	2.78	27	30	.00	.56	10	6	1226	.0	2
684.0	8:14	2.76	27	30	.00	.56	10	6	1226	.0	2
686.0	8:21	2.65	27	30	.00	.56	10	6	1213	.0	2
688.0	8:22	2.55	26	30	.00	.55	10	6	1205	.0	2
690.0	8:23	2.68	26	29	.00	.56	10	6	1203	.0	2
470											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS
470										
692.0	8:24	2.64	26	29	.00	.57	10	6	1206	.0 2
694.0	8:30	2.73	26	30	.00	.55	10	6	1211	.0 2
696.0	8:31	2.75	27	30	.00	.55	10	6	1215	.0 2
698.0	8:32	2.74	27	30	.00	.55	10	6	1215	.0 2
700.0	8:33	2.85	27	30	.00	.56	10	6	1215	.0 2
702.0	8:34	2.87	27	30	.00	.54	10	6	1215	.0 2
704.0	8:41	2.65	27	30	.00	.55	10	6	1220	.0 2
706.0	8:42	2.76	27	30	.00	.54	10	6	1220	.0 2
708.0	8:43	2.82	27	30	.00	.54	10	6	1220	.0 2
710.0	8:44	2.78	27	30	.00	.55	10	6	1220	.0 2
490										
712.0	8:45	2.96	27	30	.00	.54	10	6	1220	.0 2
714.0	8:52	2.78	27	30	.00	.54	10	6	1215	.0 2
716.0	8:53	2.99	27	30	.00	.54	10	6	1210	.0 2
718.0	8:55	2.97	27	29	.00	.53	10	6	1210	.0 2
720.0	8:56	2.90	27	29	.00	.52	10	6	1210	.0 2
722.0	9: 3	2.80	27	30	.00	.53	10	6	1210	.0 2
724.0	9: 4	2.79	26	29	.00	.54	10	6	1218	.0 2
726.0	9: 5	2.73	26	29	.00	.55	10	6	1220	.0 2
728.0	9: 6	2.98	26	29	.00	.54	10	6	1220	.0 2
730.0	9: 6	2.88	26	28	.00	.54	10	6	1216	.0 2
510										
732.0	9:11	2.96	26	29	.00	.52	10	6	1216	.0 2
734.0	9:14	3.03	27	29	.00	.52	10	6	1209	.0 2
736.0	9:15	2.70	27	29	.00	.52	10	6	1211	.0 2
738.0	9:16	2.88	28	30	.00	.52	10	6	1211	.0 2
740.0	9:18	2.71	28	30	.00	.52	10	6	1211	.0 2
742.0	9:25	2.65	27	30	.00	.51	10	6	1204	.0 2
744.0	9:26	2.97	27	30	.00	.52	10	6	1192	.0 2
746.0	9:27	3.04	27	29	.00	.52	10	6	1192	.0 2
748.0	9:28	2.95	27	30	.00	.52	10	6	1192	.0 2
750.0	9:29	3.03	26	30	.00	.53	10	6	1192	.0 2
530										
752.0	9:35	3.08	26	29	.00	.52	10	6	1193	.0 2
754.0	9:36	3.04	25	29	.00	.54	10	6	1195	.0 2
756.0	9:37	3.03	25	29	.00	.53	10	6	1183	.0 2
758.0	9:38	2.99	25	29	.00	.53	10	6	1191	.0 2
760.0	9:44	2.82	25	29	.00	.52	10	6	1226	.0 2
762.0	9:45	2.92	25	29	.00	.53	10	6	1173	.0 2
764.0	9:46	3.02	25	29	.00	.53	10	6	1177	.0 2
766.0	9:47	2.78	25	29	.00	.53	10	6	1171	.0 2
768.0	9:48	2.99	25	29	.00	.53	10	6	1174	.0 2
772.0	9:56	3.01	26	29	.00	.53	10	6	1196	.0 3
551										
774.0	9:58	3.09	26	29	.00	.53	10	6	1216	.0 2
776.0	9:59	3.03	26	29	.00	.52	10	6	1216	.0 2
778.0	10: 1	3.13	26	28	.00	.53	10	6	1216	.0 2
780.0	10: 7	3.17	26	28	.00	.52	10	6	1213	.0 2
782.0	10: 9	3.14	26	28	.00	.52	10	6	1202	.0 2
784.0	10:10	3.17	26	28	.00	.52	10	6	1195	.0 2
786.0	10:12	3.21	25	28	.00	.52	10	6	1193	.0 2
788.0	10:14	3.08	26	28	.00	.52	10	6	1193	.0 2
790.0	10:20	3.02	26	28	.00	.52	10	6	1183	.0 1
792.0	10:22	3.11	26	28	.00	.52	10	6	1185	.0 2
570										

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
570											
794.0	10:23	3.24	26	28	.00	.51	10	6	1187	.0	2
796.0	10:24	3.13	26	28	.00	.51	10	6	1187	.0	2
798.0	10:25	3.16	26	28	.00	.51	10	6	1187	.0	2
800.0	10:31	3.09	26	28	.00	.50	10	6	1189	.0	2
802.0	10:32	2.77	26	28	.00	.51	10	6	1202	.0	2
804.0	10:33	3.26	26	28	.00	.51	10	6	1202	.0	2
806.0	10:34	3.15	26	28	.00	.51	10	6	1202	.0	2
808.0	10:36	3.25	26	28	.00	.51	10	6	1202	.0	2
810.0	10:42	3.04	27	28	.00	.51	10	6	1191	.0	2
812.0	10:43	2.97	27	28	.00	.52	10	6	1179	.0	2
590											
814.0	10:45	3.36	27	28	.00	.52	10	6	1179	.0	2
816.0	10:47	3.31	27	28	.00	.51	10	6	1179	.0	2
818.0	10:48	3.24	27	28	.00	.52	10	6	1179	.0	2
820.0	10:54	3.16	27	28	.00	.52	10	6	1177	.0	2
822.0	10:55	3.02	27	28	.00	.53	10	6	1174	.0	2
824.0	10:57	3.00	27	29	.00	.52	10	6	1174	.0	2
826.0	10:59	3.30	27	29	.00	.52	10	6	1174	.0	2
828.0	11: 5	3.35	27	29	.00	.52	10	6	1182	.0	2
830.0	11: 7	3.28	28	29	.00	.53	10	6	1190	.0	2
832.0	11: 8	3.06	28	29	.00	.53	10	6	1186	.0	2
610											
834.0	11:10	3.14	28	29	.00	.53	10	6	1189	.0	2
836.0	11:11	3.20	28	29	.00	.53	10	6	1189	.0	2
838.0	11:16	2.84	28	29	.00	.51	10	6	1189	.0	1
840.0	11:17	3.26	27	29	.00	.52	10	6	1184	.0	2
842.0	11:19	3.40	26	29	.00	.53	10	6	1184	.0	2
844.0	11:22	3.59	26	30	.00	.52	10	6	1182	.0	2
848.0	11:29	3.29	26	30	.00	.52	10	6	1182	.0	3
850.0	11:31	3.16	26	29	.00	.54	10	6	1183	.0	2
852.0	11:32	3.06	26	29	.00	.53	10	6	1183	.0	2
854.0	11:33	3.20	27	29	.00	.53	10	6	1183	.0	2
630											
856.0	11:34	3.19	27	29	.00	.53	10	6	1183	.0	2
858.0	11:43	3.24	27	29	.00	.53	10	6	1199	.0	2
860.0	11:45	3.23	28	30	.00	.53	10	6	1223	.0	2
862.0	11:46	3.19	28	30	.00	.52	10	6	1223	.0	2
868.0	11:52	2.98	28	30	.00	.53	10	6	1257	.0	2
870.0	11:53	3.16	28	29	.00	.53	10	6	1254	.0	2
872.0	11:55	3.20	28	29	.00	.52	10	6	1218	.0	2
874.0	11:56	3.23	28	30	.00	.51	10	6	1232	.0	2
875.0	11:57	3.22	28	30	.00	.50	10	6	1246	.0	1
NEW BIT ID: 3											
876.0	5: 2	2.91	36	36	.00	.42	16	4	447	.0	1
652											
878.0	5: 5	2.80	36	36	.00	.42	16	4	449	.0	2
880.0	7:26	2.68	36	35	.00	.44	16	4	449	.0	2
882.0	7:28	2.86	37	32	.00	.51	16	4	451	.0	2
884.0	7:30	2.95	37	31	.00	.51	16	4	452	.0	2
888.0	7:37	2.91	36	34	.00	.47	16	4	447	.0	2
890.0	7:40	3.03	36	35	.00	.46	16	4	450	.0	2
892.0	8:51	3.11	36	35	.00	.46	16	4	440	.0	2

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
666											
894.0	8:54	3.20	37	34	.00	.49	16	4	453	.0	2
896.0	9: 2	3.13	38	36	.00	.48	16	4	453	.0	2
898.0	9: 4	3.24	38	36	.00	.49	16	4	446	.0	2
900.0	9: 6	3.25	38	37	.00	.49	16	4	446	.0	2
902.0	9: 8	3.29	37	37	.00	.47	16	4	446	.0	2
904.0	9:10	3.25	37	37	.00	.50	16	4	445	.0	2
906.0	9:20	3.12	37	37	.00	.48	16	4	445	.0	1
908.0	9:28	3.06	38	37	.00	.49	16	4	441	.0	2
910.0	9:31	3.12	39	37	.00	.51	16	4	449	.0	2
912.0	9:34	3.15	39	36	.00	.55	16	4	448	.0	2
685											
914.0	9:38	3.15	39	34	.00	.54	16	4	448	.0	2
916.0	9:45	3.03	39	35	.00	.49	16	4	449	.0	2
918.0	9:48	3.12	39	36	.00	.50	16	4	451	.0	2
920.0	9:50	3.14	39	38	.00	.47	16	4	452	.0	2
922.0	9:53	3.19	39	38	.00	.48	16	4	452	.0	2
924.0	9:55	3.22	39	39	.00	.48	16	4	452	.0	2
926.0	10: 3	3.15	39	40	.00	.49	16	4	453	.0	2
928.0	10: 5	3.02	39	39	.00	.49	16	4	450	.0	2
930.0	10: 7	3.29	39	40	.00	.49	16	4	450	.0	2
932.0	10: 9	3.28	39	40	.00	.50	16	4	450	.0	2
705											
934.0	10:11	3.34	39	40	.00	.49	16	4	450	.0	2
936.0	10:18	3.27	39	40	.00	.48	16	4	449	.0	2
938.0	10:21	3.27	38	39	.00	.49	16	4	452	.0	2
940.0	10:23	3.25	38	39	.00	.48	16	4	452	.0	2
942.0	10:24	3.20	38	39	.00	.49	16	4	452	.0	2
944.0	10:27	3.23	38	39	.00	.50	16	4	452	.0	2
946.0	10:34	3.26	37	39	.00	.49	16	4	450	.0	2
948.0	10:37	3.28	37	39	.00	.51	16	4	449	.0	2
950.0	10:39	3.28	37	39	.00	.53	16	4	448	.0	2
952.0	10:41	3.18	37	39	.00	.56	16	4	448	.0	2
725											
954.0	10:43	3.18	38	37	.00	.57	16	4	448	.0	2
956.0	10:49	3.22	39	38	.00	.51	16	4	457	.0	2
958.0	10:52	3.37	40	38	.00	.48	16	4	458	.0	2
960.0	10:53	3.32	40	39	.00	.48	16	4	458	.0	2
962.0	10:55	3.37	40	40	.00	.48	16	4	458	.0	2
964.0	11: 1	3.43	37	37	.00	.45	16	4	458	.0	2
966.0	11: 3	3.45	37	37	.00	.45	16	4	456	.0	2
968.0	11: 5	3.43	37	37	.00	.46	16	4	452	.0	2
970.0	11: 7	3.44	37	37	.00	.45	16	4	452	.0	2
972.0	11: 8	3.40	37	37	.00	.45	16	4	451	.0	2
745											
974.0	11:14	3.40	37	36	.00	.47	16	4	449	.0	2
976.0	11:16	3.42	37	36	.00	.48	16	4	448	.0	2
978.0	11:18	3.38	36	36	.00	.48	16	4	448	.0	2
980.0	11:20	3.42	36	36	.00	.49	16	4	446	.0	2
982.0	11:22	3.49	36	36	.00	.50	16	4	446	.0	2
984.0	11:37	3.53	36	37	.00	.50	16	4	448	.0	2
986.0	11:39	3.52	36	37	.00	.51	16	4	459	.0	2
988.0	11:41	3.42	36	37	.00	.52	16	4	457	* .0	2
990.0	11:43	3.43	37	36	.00	.53	16	4	457	.0	2
992.0	11:44	3.45	37	36	.00	.52	16	4	457	.0	2
765											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
765											
994.0	11:53	3.57	37	36	.00	.50	16	4	440	.0	2
996.0	11:54	3.45	37	36	.00	.49	16	4	457	.0	2
998.0	11:56	3.45	37	36	.00	.48	16	4	457	.0	2
1000.0	11:58	3.41	37	36	.00	.47	16	4	457	.0	2
1002.0	11:59	3.43	37	35	.00	.43	16	4	457	.0	2
1004.0	12: 6	3.48	37	35	.00	.45	16	4	455	.0	2
1006.0	12: 8	3.42	37	35	.00	.48	16	4	452	.0	2
1008.0	12:10	3.43	37	35	.00	.47	16	4	452	.0	2
1010.0	12:12	3.39	37	35	.00	.49	16	4	451	.0	2
1014.0	12:20	3.35	36	35	.00	.54	16	4	451	.0	2
785											
1016.0	12:22	3.36	36	34	.00	.54	16	4	452	.0	2
1018.0	12:25	3.65	36	34	.00	.55	16	4	456	.0	2
1020.0	12:28	3.58	36	34	.00	.59	16	4	454	.0	2
1022.0	12:36	3.36	34	34	.00	.58	16	4	457	.0	2
1024.0	12:38	3.42	34	33	.00	.61	16	4	457	.0	2
1026.0	12:39	3.48	34	31	.00	.64	16	4	457	.0	2
1028.0	12:41	3.50	34	31	.00	.65	16	4	456	.0	2
1030.0	12:49	3.57	34	31	.00	.61	16	4	455	.0	2
1032.0	12:52	3.62	33	31	.00	.56	16	4	458	.0	2
1034.0	12:54	3.55	33	30	.00	.56	16	4	458	.0	2
805											
1036.0	12:56	3.53	33	31	.00	.55	16	4	457	.0	2
1038.0	12:58	3.44	33	32	.00	.52	16	4	456	.0	2
1040.0	13: 4	3.36	32	32	.00	.53	16	4	451	.0	1
1042.0	13: 6	3.54	32	32	.00	.52	16	4	451	.0	2
1044.0	13: 9	3.66	32	31	.00	.53	16	4	452	.0	2
1046.0	13:12	3.71	32	31	.00	.54	16	4	452	.0	2
1048.0	13:15	3.68	32	32	.00	.53	16	4	451	.0	2
1050.0	13:22	3.61	32	32	.00	.50	16	4	451	.0	2
1052.0	13:24	3.53	32	33	.00	.49	16	4	455	.0	2
1054.0	13:27	3.63	32	33	.00	.54	16	4	455	.0	2
824											
1056.0	13:29	3.69	33	33	.00	.51	16	4	457	.0	2
1058.0	13:32	3.68	32	33	.00	.66	16	4	456	.0	2
1060.0	13:39	3.59	32	32	.00	.63	16	4	447	.0	2
1062.0	13:42	3.72	32	32	.00	.50	16	4	436	.0	2
1064.0	13:44	3.73	32	32	.00	.47	16	4	437	.0	2
1066.0	13:47	3.70	32	31	.00	.48	16	4	435	.0	2
1068.0	13:56	3.71	32	32	.00	.50	16	4	436	.0	2
1070.0	13:59	3.75	32	32	.00	.51	16	4	440	.0	2
1072.0	14: 2	3.75	32	32	.00	.58	16	4	440	.0	2
1074.0	14: 5	3.80	32	31	.00	.61	16	4	438	.0	2
844											
1076.0	14: 8	3.79	32	31	.00	.59	16	4	437	.0	2
1078.0	14:14	3.75	32	31	.00	.62	16	4	437	.0	1
1080.0	14:17	3.67	32	30	.00	.53	16	4	430	.0	2
1082.0	14:19	3.70	32	30	.00	.46	16	4	430	.0	2
1084.0	14:21	3.53	32	31	.00	.46	16	4	439	.0	2
1086.0	14:24	3.45	32	33	.00	.45	16	4	445	.0	2
1088.0	14:26	3.46	32	33	.00	.45	16	4	445	.0	2
1090.0	14:33	3.63	32	33	.00	.45	16	4	443	.0	2
1092.0	14:36	3.71	32	33	.00	.49	16	4	443	.0	2
1094.0	14:39	3.76	32	33	.00	.47	16	4	443	.0	2
863											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
863											
1096.0	14:42	3.75	32	33	.00	.46	16	4	443	.0	2
1098.0	14:51	3.78	32	33	.00	.45	16	4	443	.0	2
1100.0	14:53	3.60	32	33	.00	.46	16	4	443	.0	2
1102.0	14:56	3.74	32	33	.00	.51	16	4	443	.0	2
1104.0	14:59	3.66	31	32	.00	.53	16	4	436	.0	2
1106.0	15: 2	3.68	30	31	.00	.52	16	4	434	.0	2
1108.0	15:11	3.69	30	31	.00	.47	16	4	436	.0	2
1110.0	15:15	3.78	31	32	.00	.55	16	4	440	.0	2
1112.0	15:19	3.83	32	32	.00	.67	16	4	440	.0	2
1114.0	15:23	3.86	32	32	.00	.65	16	4	441	.0	2
883											
1116.0	15:27	3.90	31	32	.00	.54	16	4	441	.0	2
1118.0	15:35	3.72	30	29	.00	.58	16	4	437	.0	2
1120.0	15:38	3.68	30	31	.00	.58	16	4	439	.0	2
1122.0	15:42	3.80	29	30	.00	.61	16	4	439	.0	2
1124.0	15:45	3.69	29	30	.00	.55	16	4	439	.0	2
1126.0	15:53	3.72	29	30	.00	.48	16	4	441	.0	2
1128.0	15:56	3.75	29	29	.00	.50	16	4	433	.0	2
1130.0	16: 0	3.79	29	31	.00	.50	16	4	441	.0	2
1132.0	16: 4	3.77	29	31	.00	.49	16	4	442	.0	2
1134.0	16: 8	3.83	29	31	.00	.48	16	4	441	.0	2
903											
1136.0	16:16	3.81	29	31	.00	.49	16	4	439	.0	2
1138.0	16:20	3.83	29	31	.00	.49	16	4	435	.0	2
1140.0	16:23	3.82	29	31	.00	.47	16	4	436	.0	2
1142.0	16:27	3.83	29	31	.00	.54	16	4	435	.0	2
1144.0	16:31	3.89	29	31	.00	.56	16	4	439	.0	2
1146.0	16:40	3.91	29	31	.00	.49	16	4	442	.0	2
1148.0	16:45	3.85	29	30	.00	.47	16	4	440	.0	2
1150.0	16:48	3.76	29	30	.00	.48	16	4	439	.0	2
1152.0	16:52	3.84	29	30	.00	.50	16	4	438	.0	2
1154.0	17: 2	3.88	31	31	.00	.48	16	4	442	.0	2
923											
1156.0	17: 5	3.80	30	31	.00	.49	16	4	448	.0	2
1158.0	17: 9	3.83	30	31	.00	.49	16	4	447	.0	2
1160.0	17:13	3.92	30	30	.00	.49	16	4	444	.0	2
1162.0	17:18	4.00	29	30	.00	.49	16	4	444	.0	2
1164.0	17:27	3.89	29	30	.00	.49	16	4	444	.0	2
1166.0	17:31	3.83	29	30	.00	.50	16	4	437	.0	2
1168.0	17:36	3.89	29	31	.00	.56	16	4	433	.0	2
1170.0	17:40	3.89	29	29	.00	.59	16	4	433	.0	2
1172.0	17:45	3.93	29	29	.00	.51	16	4	435	.0	2
1174.0	17:53	3.83	29	29	.00	.50	16	4	434	.0	2
943											
1176.0	17:57	3.75	29	30	.00	.49	14	5	435	.0	2
1178.0	18: 1	3.86	29	31	.00	.49	12	5	437	.0	2
1180.0	18: 5	3.88	29	30	.00	.50	12	5	437	.0	2
1182.0	18: 9	3.83	29	31	.00	.50	12	5	437	.0	2
1184.0	18:17	3.62	29	30	.00	.50	12	5	428	.0	1
1186.0	18:21	3.89	29	31	.00	.51	12	5	441	.0	2
1188.0	18:25	3.87	29	31	.00	.52	12	5	439	.0	2
1190.0	18:29	3.87	29	31	.00	.50	12	5	439	.0	2
1192.0	18:36	4.09	29	30	.00	.51	12	5	439	.0	2
1194.0	18:46	3.94	29	31	.00	.51	12	5	441	.0	2
962											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
962											
1196.0	18:51	3.96	29	31	.00	.51	12	5	435	.0	2
1198.0	18:56	3.95	29	31	.00	.51	12	5	434	.0	2
1200.0	19: 0	3.92	29	31	.00	.50	12	5	435	.0	2
1202.0	19: 5	3.90	29	31	.00	.50	12	5	435	.0	2
1204.0	19:14	3.80	29	30	.00	.51	12	5	438	.0	2
1206.0	19:18	3.82	29	31	.00	.51	12	5	438	.0	2
1208.0	19:22	3.76	29	30	.00	.51	12	5	437	.0	2
1210.0	19:26	3.79	29	31	.00	.49	12	5	437	.0	2
1212.0	19:31	3.93	29	31	.00	.51	12	5	437	.0	2
1214.0	19:40	3.98	29	31	.00	.54	12	5	436	.0	2
982											
1216.0	19:46	4.04	29	29	.00	.59	12	5	439	.0	2
1218.0	19:51	4.04	31	30	.00	.52	12	5	439	.0	2
1220.0	19:56	4.05	31	30	.00	.49	12	5	439	.0	2
1222.0	20: 5	4.04	31	31	.00	.50	12	5	438	.0	2
1224.0	20:10	3.95	30	31	.00	.50	12	5	436	.0	2
1226.0	20:15	3.96	30	31	.00	.51	12	5	437	.0	2
1228.0	20:20	3.92	29	31	.00	.50	12	5	437	.0	2
1230.0	20:24	3.86	29	31	.00	.47	12	5	437	.0	2
1232.0	20:33	3.91	28	31	.00	.47	12	5	437	.0	2
1234.0	20:38	4.03	28	30	.00	.47	12	5	435	.0	2
1002											
1236.0	20:42	3.99	28	30	.00	.47	12	5	433	.0	2
1238.0	20:47	4.04	28	30	.00	.47	12	5	437	.0	2
1240.0	20:51	3.98	28	30	.00	.48	12	5	439	.0	2
1242.0	21: 0	4.09	28	30	.00	.48	12	5	439	.0	2
1244.0	21: 6	4.07	28	30	.00	.49	12	5	437	.0	2
1246.0	21:10	4.03	28	30	.00	.49	12	5	438	.0	2
1248.0	21:15	4.03	28	30	.00	.48	12	5	438	.0	2
1250.0	21:20	4.08	28	30	.00	.47	12	5	438	.0	2
1252.0	21:31	4.11	28	30	.00	.48	12	5	438	.0	2
1254.0	21:36	4.06	29	31	.00	.47	12	5	438	.0	2
1022											
1256.0	21:41	4.07	29	30	.00	.47	12	5	438	.0	2
1258.0	21:46	4.05	29	30	.00	.49	12	5	438	.0	2
1260.0	21:55	4.02	29	30	.00	.49	12	5	437	.0	2
1262.0	22: 0	3.99	29	31	.00	.55	12	5	438	.0	2
1264.0	22: 4	3.99	29	29	.00	.58	12	5	434	.0	2
1266.0	22:10	4.01	29	29	.00	.53	12	5	436	.0	2
1268.0	22:14	3.95	29	29	.00	.51	12	5	436	.0	2
1270.0	22:18	3.99	29	30	.00	.50	12	5	437	.0	2
1272.0	22:26	4.01	29	31	.00	.49	12	5	440	.0	2
1274.0	22:31	4.03	29	31	.00	.49	12	5	437	.0	2
1042											
1276.0	22:36	4.07	29	30	.00	.47	12	5	437	.0	2
1278.0	22:40	4.07	29	31	.00	.47	12	5	437	.0	2
1280.0	22:49	4.01	29	31	.00	.48	12	5	437	.0	2
1282.0	22:55	4.19	29	31	.00	.50	12	5	435	.0	2
1284.0	23: 1	4.16	29	31	.00	.49	12	5	439	.0	2
1286.0	23: 7	4.16	29	31	.00	.48	12	5	439	.0	2
1288.0	23:12	4.15	31	32	.00	.47	12	5	440	.0	2
1290.0	23:21	4.09	31	32	.00	.49	12	5	441	.0	2
1292.0	23:27	4.15	30	32	.00	.51	12	5	441	.0	2
1294.0	23:32	4.16	30	32	.00	.52	12	5	441	.0	2
1062											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1062											
1296.0	23:37	4.06	29	32	.00	.52	12	5	439	.0	2
1298.0	23:45	4.03	29	32	.00	.52	12	5	439	.0	2
1300.0	23:50	4.06	29	32	.00	.53	12	5	444	.0	2
1302.0	23:56	4.14	29	32	.00	.53	11	5	444	.0	2
1304.0	0: 2	4.16	29	32	.00	.53	10	5	444	.0	2
1306.0	0: 8	4.18	29	32	.00	.52	10	5	443	.0	2
1308.0	0:19	4.15	30	32	.00	.52	10	5	444	.0	2
1310.0	0:24	4.17	32	33	.00	.57	10	5	445	.0	2
1312.0	0:31	4.18	31	31	.00	.57	10	5	445	.0	2
1314.0	0:37	4.17	31	30	.00	.50	10	5	443	.0	2
1082											
1316.0	0:43	4.18	31	31	.00	.49	10	5	442	.0	2
1318.0	0:53	4.17	30	32	.00	.48	10	5	443	.0	2
1320.0	0:59	4.19	30	32	.00	.48	10	5	443	.0	2
1322.0	1: 5	4.17	29	32	.00	.48	10	5	442	.0	2
1324.0	1:11	4.16	29	32	.00	.48	10	5	441	.0	2
1326.0	1:17	4.15	29	32	.00	.48	10	5	441	.0	2
1328.0	1:27	4.17	29	32	.00	.49	10	5	443	.0	2
1330.0	1:33	4.17	30	32	.00	.49	10	5	442	.0	2
1332.0	1:39	4.20	32	33	.00	.49	10	5	442	.0	2
1334.0	1:45	4.20	32	33	.00	.49	10	5	443	.0	2
1102											
1336.0	1:56	4.17	31	33	.00	.50	10	5	443	.0	2
1338.0	2: 2	4.18	31	33	.00	.51	10	5	443	.0	2
1340.0	2: 8	4.19	30	33	.00	.51	10	5	443	.0	2
1342.0	2:14	4.22	30	32	.00	.51	10	5	442	.0	2
1344.0	2:21	4.22	30	33	.00	.52	10	5	442	.0	2
1346.0	2:31	4.18	30	33	.00	.52	10	5	443	.0	2
1348.0	2:38	4.22	30	33	.00	.53	10	5	441	.0	2
1350.0	2:45	4.21	30	33	.00	.54	10	5	437	.0	2
1352.0	2:52	4.22	30	33	.00	.52	10	5	437	.0	2
1354.0	2:58	4.21	30	33	.00	.51	10	5	437	.0	2
1122											
1356.0	3:10	4.20	30	33	.00	.56	10	5	442	.0	2
1358.0	3:16	4.21	31	32	.00	.64	10	5	445	.0	2
1360.0	3:23	4.24	31	31	.00	.61	10	5	445	.0	2
1362.0	3:30	4.24	31	31	.00	.55	10	5	445	.0	2
1364.0	3:36	4.20	31	32	.00	.53	10	5	445	.0	2
1366.0	3:43	3.85	31	33	.00	.53	10	5	441	.0	1
1368.0	3:50	4.19	31	33	.00	.53	10	5	441	.0	2
1370.0	3:56	4.22	31	34	.00	.54	10	5	440	.0	2
1372.0	4: 3	4.19	31	34	.00	.54	10	5	440	.0	2
1374.0	4: 9	4.19	31	34	.00	.53	10	5	440	.0	2
1141											
1376.0	4:20	4.23	31	34	.00	.54	10	5	441	.0	2
1378.0	4:26	4.20	31	34	.00	.56	10	5	441	.0	2
1380.0	4:33	4.23	31	34	.00	.58	10	5	441	.0	2
1382.0	4:40	4.24	32	34	.00	.58	10	5	441	.0	2
1384.0	4:47	4.24	32	34	.00	.58	10	5	441	.0	2
1386.0	4:59	4.26	32	34	.00	.59	10	5	444	.0	2
1394.0	5:35	4.29	34	35	.00	.60	10	5	444	.0	1
1396.0	5:41	4.23	35	36	.00	.58	10	5	446	.0	2
1398.0	5:49	4.27	34	36	.00	.56	10	5	445	.0	2
1400.0	5:56	4.28	34	36	.00	.54	10	5	445	.0	2
1167											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1167											
1402.0	6: 3	4.24	34	36	.00	.55	10	5	445	.0	2
1404.0	6:16	4.26	33	36	.00	.54	10	5	442	.0	2
1406.0	6:24	4.28	33	35	.00	.66	10	5	441	.0	2
1408.0	6:30	4.23	34	34	.00	.64	10	5	441	.0	2
1410.0	6:37	4.25	33	34	.00	.53	10	5	441	.0	2
1412.0	6:45	4.24	33	35	.00	.51	10	5	441	.0	2
1414.0	6:57	4.20	33	36	.00	.51	10	5	444	.0	2
1416.0	7: 3	4.21	33	36	.00	.50	10	5	446	.0	2
1418.0	7:10	4.23	33	36	.00	.50	10	5	446	.0	2
1420.0	7:17	4.25	33	36	.00	.49	10	5	446	.0	2
1187											
1421.0	7:21	4.19	32	35	.00	.49	10	5	446	.0	1
NEW BIT ID: 4											
1424.0	12:34	3.91	30	30	.00	.54	11	4	434	.0	2
1426.0	12:41	3.93	30	32	.00	.54	11	4	431	.0	2
1428.0	12:46	3.98	30	35	.00	.51	11	4	434	.0	2
1430.0	12:52	3.99	29	35	.00	.54	11	4	433	.0	2
1432.0	12:57	3.98	29	34	.00	.56	11	4	432	.0	2
1434.0	13:11	4.03	30	33	.00	.53	11	4	422	.0	2
1436.0	13:15	4.03	30	33	.00	.53	11	4	434	.0	2
1438.0	13:19	4.04	30	33	.00	.54	11	4	434	.0	2
1440.0	13:24	4.07	30	33	.00	.54	11	4	433	.0	2
1210											
1442.0	13:33	4.15	30	33	.00	.53	11	4	433	.0	2
1444.0	13:37	4.05	30	33	.00	.52	11	4	435	.0	2
1446.0	13:41	4.10	30	32	.00	.53	11	4	435	.0	2
1448.0	13:45	4.07	30	32	.00	.54	11	4	435	.0	2
1450.0	13:49	4.06	30	32	.00	.53	11	4	435	.0	2
1452.0	13:58	4.09	30	32	.00	.53	11	4	434	.0	2
1454.0	14: 3	4.13	31	33	.00	.56	11	4	433	.0	2
1456.0	14: 7	4.09	32	33	.00	.59	11	4	433	.0	2
1458.0	14:11	4.07	32	31	.00	.59	11	4	433	.0	2
1460.0	14:15	4.06	32	32	.00	.57	11	4	433	.0	2
1230											
1462.0	14:23	4.06	33	32	.00	.53	11	4	438	.0	2
1464.0	14:27	4.04	33	32	.00	.52	11	4	439	.0	2
1466.0	14:31	4.03	32	33	.00	.52	11	4	438	.0	2
1468.0	14:34	4.02	32	34	.00	.51	11	4	438	.0	2
1470.0	14:38	4.00	32	34	.00	.52	11	4	438	.0	2
1472.0	14:46	4.02	31	33	.00	.51	11	4	437	.0	2
1474.0	14:49	3.99	31	33	.00	.51	11	4	437	.0	2
1476.0	14:53	4.00	30	33	.00	.53	11	4	437	.0	2
1478.0	14:56	4.01	30	34	.00	.51	11	4	437	.0	2
1480.0	15: 4	3.98	30	34	.00	.51	11	4	435	.0	2
1250											
1482.0	15: 7	4.04	30	34	.00	.51	11	4	437	.0	2
1484.0	15:11	4.01	30	34	.00	.52	11	4	438	.0	2
1486.0	15:15	4.01	29	34	.00	.52	11	4	438	.0	2
1488.0	15:18	4.01	29	33	.00	.53	11	4	438	.0	2
1490.0	15:26	3.98	30	33	.00	.52	11	4	438	.0	2
1492.0	15:29	4.01	31	33	.00	.51	11	4	438	.0	2
1494.0	15:33	4.02	31	34	.00	.51	11	4	435	.0	2

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV RECDS	
1264											
1496.0	15:37	4.04	32	34	.00	.51	11	4	435	.0	2
1498.0	15:40	4.04	32	34	.00	.50	11	4	435	.0	2
1500.0	15:49	4.07	31	34	.00	.50	11	4	439	.0	2
1502.0	15:53	4.04	31	34	.00	.59	11	4	436	.0	2
1504.0	15:57	4.06	31	32	.00	.63	11	4	434	.0	2
1506.0	16: 1	4.04	31	32	.00	.60	11	4	434	.0	2
1508.0	16: 5	4.04	31	32	.00	.52	11	4	434	.0	2
1510.0	16:12	4.02	30	31	.00	.53	11	4	436	.0	2
1512.0	16:16	4.01	30	33	.00	.51	11	4	437	.0	2
1514.0	16:19	4.01	30	33	.00	.50	11	4	437	.0	2
1284											
1516.0	16:23	4.00	30	33	.00	.49	11	4	436	.0	2
1518.0	16:31	4.03	30	33	.00	.49	11	4	435	.0	2
1520.0	16:34	4.00	30	33	.00	.49	11	4	435	.0	2
1522.0	16:38	3.99	30	33	.00	.49	11	4	433	.0	2
1524.0	16:42	3.98	30	33	.00	.49	11	4	433	.0	2
1526.0	16:45	3.98	30	33	.00	.49	11	4	433	.0	2
1528.0	16:55	4.03	30	33	.00	.51	11	4	434	.0	2
1530.0	16:58	4.03	31	34	.00	.57	11	4	435	.0	2
1532.0	17: 2	4.02	32	33	.00	.61	11	4	435	.0	2
1534.0	17: 5	4.00	32	33	.00	.60	11	4	435	.0	2
1304											
1536.0	17: 9	4.05	32	32	.00	.60	11	4	435	.0	2
1538.0	17:16	4.09	31	32	.00	.58	11	4	440	.0	1
1540.0	17:20	4.07	31	32	.00	.57	11	4	445	.0	2
1542.0	17:25	4.08	31	32	.00	.57	11	4	440	.0	2
1544.0	17:29	4.06	31	34	.00	.57	11	4	440	.0	2
1546.0	17:32	4.04	31	34	.00	.58	11	4	440	.0	2
1548.0	17:40	4.01	30	34	.00	.59	11	4	436	.0	2
1550.0	17:44	3.99	30	33	.00	.56	11	4	434	.0	2
1552.0	17:47	3.99	30	33	.00	.59	11	4	434	.0	2
1554.0	17:51	4.03	30	33	.00	.59	11	4	434	.0	2
1323											
1556.0	17:55	4.04	30	34	.00	.57	11	4	434	.0	2
1558.0	18: 4	4.02	30	34	.00	.60	11	4	436	.0	2
1560.0	18: 8	4.02	30	33	.00	.58	11	4	430	.0	2
1562.0	18:12	4.01	30	33	.00	.56	11	4	433	.0	2
1564.0	18:15	4.02	30	33	.00	.57	11	4	433	.0	2
1566.0	18:24	4.02	30	33	.00	.66	11	4	433	.0	2
1568.0	18:28	3.99	30	32	.00	.65	11	4	431	.0	2
1570.0	18:31	4.00	30	31	.00	.63	11	4	433	.0	2
1572.0	18:35	3.99	30	31	.00	.62	11	4	433	.0	2
1574.0	18:38	3.98	30	31	.00	.62	11	4	433	.0	2
1343											
1576.0	18:46	3.96	30	31	.00	.62	11	4	434	.0	2
1578.0	18:49	3.96	30	33	.00	.62	11	4	435	.0	2
1580.0	18:52	3.95	30	33	.00	.62	11	4	436	.0	2
1582.0	18:56	3.96	30	34	.00	.62	11	4	434	.0	2
1584.0	18:59	3.94	30	34	.00	.62	11	4	434	.0	2
1586.0	19: 7	3.96	30	33	.00	.62	11	4	434	.0	2
1588.0	19:11	4.00	30	33	.00	.62	11	4	431	.0	2
1590.0	19:15	4.02	30	33	.00	.62	11	4	432	.0	2
1592.0	19:19	3.99	30	33	.00	.62	11	4	433	.0	2
1596.0	19:29	4.04	30	33	.00	.62	11	4	431	.0	3
1364											

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV RECDS	
1364											
1598.0	19:33	4.02	30	33	.00	.62	11	4	431	.0	2
1600.0	19:37	4.00	30	33	.00	.62	11	4	432	.0	2
1602.0	19:41	4.04	30	33	.00	.62	11	4	432	.0	2
1604.0	19:45	4.02	30	33	.00	.62	11	4	432	.0	2
1606.0	19:54	4.03	30	33	.00	.62	11	4	434	.0	2
1608.0	19:58	4.00	30	33	.00	.62	11	4	432	.0	2
1610.0	20: 1	3.99	30	32	.00	.62	11	4	430	.0	2
1612.0	20: 5	4.02	30	31	.00	.61	11	4	430	.0	2
1614.0	20:15	4.03	31	31	.00	.56	11	4	431	.0	2
1616.0	20:19	3.99	31	32	.00	.52	11	4	438	.0	2
1384											
1618.0	20:23	4.01	30	33	.00	.52	11	4	438	.0	2
1620.0	20:27	4.02	30	33	.00	.54	11	4	438	.0	2
1622.0	20:30	3.99	30	33	.00	.53	11	4	436	.0	2
1624.0	20:38	4.04	31	34	.00	.52	11	4	434	.0	2
1626.0	20:43	4.06	32	34	.00	.51	11	4	436	.0	2
1628.0	20:47	4.06	32	34	.00	.51	11	4	436	.0	2
1630.0	20:51	4.05	31	34	.00	.56	11	4	437	.0	2
1632.0	20:54	3.99	31	34	.00	.78	11	4	437	.0	2
1634.0	21: 1	3.91	31	34	.00	.82	11	4	436	.0	2
1636.0	21: 4	3.90	31	34	.00	.64	11	4	434	.0	2
1404											
1638.0	21: 7	3.96	31	33	.00	.67	11	4	434	.0	2
1640.0	21:11	3.96	31	33	.00	.72	11	4	434	.0	2
1642.0	21:15	4.02	31	33	.00	.82	11	4	434	.0	2
1644.0	21:23	4.07	31	33	.00	.82	11	4	437	.0	2
1646.0	21:27	4.03	31	33	.00	.60	11	4	437	.0	2
1648.0	21:31	4.00	31	31	.00	.60	11	4	437	.0	2
1650.0	21:34	3.97	31	31	.00	.58	11	4	437	.0	2
1652.0	21:42	4.00	31	31	.00	.54	11	4	437	.0	2
1654.0	21:46	4.03	31	31	.00	.52	11	4	434	.0	2
1656.0	21:49	4.03	31	32	.00	.51	11	4	435	.0	2
1424											
1658.0	21:54	4.06	31	33	.00	.50	11	4	433	.0	2
1660.0	21:58	4.05	31	33	.00	.50	11	4	433	.0	2
1662.0	22: 5	3.91	30	33	.00	.49	11	4	431	.0	1
1664.0	22: 9	4.08	30	33	.00	.48	11	4	431	.0	2
1666.0	22:13	4.04	30	33	.00	.48	11	4	431	.0	2
1668.0	22:17	4.01	30	33	.00	.49	11	4	433	.0	2
1670.0	22:21	4.04	30	33	.00	.48	11	4	435	.0	2
1672.0	22:30	4.08	30	33	.00	.51	11	4	435	.0	2
1674.0	22:35	4.13	30	33	.00	.54	11	4	435	.0	2
1676.0	22:40	4.10	30	33	.00	.58	11	4	434	.0	2
1443											
1678.0	22:43	3.95	30	33	.00	.63	11	4	434	.0	2
1680.0	22:48	4.07	30	33	.00	.83	11	4	434	.0	2
1682.0	22:54	3.86	30	33	.00	.88	11	4	434	.0	2
1684.0	22:57	3.91	30	33	.00	.78	11	4	433	.0	2
1686.0	23: 0	3.83	31	33	.00	.62	11	4	433	.0	2
1688.0	23: 3	3.86	31	31	.00	.61	11	4	433	.0	2
1690.0	23: 6	3.94	31	31	.00	.58	11	4	433	.0	2
1692.0	23:12	3.82	31	31	.00	.51	11	4	436	.0	2
1694.0	23:15	3.83	31	31	.00	.51	11	4	434	.0	2
1696.0	23:18	3.88	31	31	.00	.50	11	4	434	.0	2
1463											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1463											
1698.0	23:21	3.93	31	32	.00	.49	11	4	433	.0	2
1700.0	23:27	3.85	31	33	.00	.52	11	4	434	.0	2
1702.0	23:30	3.83	31	32	.00	.53	11	4	428	.0	2
1704.0	23:32	3.77	31	33	.00	.54	11	4	427	.0	2
1706.0	23:35	3.88	31	33	.00	.56	11	4	431	.0	2
1708.0	23:38	3.78	31	33	.00	.63	11	4	436	.0	2
1710.0	23:46	3.81	31	33	.00	.66	11	4	436	.0	2
1712.0	23:49	3.84	31	33	.00	.61	11	4	437	.0	2
1714.0	23:52	3.89	30	33	.00	.87	11	4	437	.0	2
1716.0	23:55	3.81	30	33	.00	.93	11	4	437	.0	2
1483											
1718.0	23:58	3.90	30	33	.00	.99	11	4	436	.0	2
1720.0	0: 5	3.86	30	33	.00	.98	11	4	441	.0	2
1722.0	0: 8	3.68	30	33	.00	.87	11	4	445	.0	2
1724.0	0:10	3.72	31	33	.00	.59	11	4	444	.0	2
1726.0	0:13	3.75	31	32	.00	.56	11	4	444	.0	2
1728.0	0:17	3.75	31	31	.00	.57	11	4	444	.0	2
1730.0	0:25	3.61	31	31	.00	.50	11	4	439	.0	2
1732.0	0:29	3.64	31	31	.00	.49	11	4	438	.0	2
1734.0	0:32	3.65	31	31	.00	.47	11	4	438	.0	2
1736.0	0:35	3.57	31	32	.00	.46	11	4	438	.0	2
1503											
1738.0	0:43	3.62	31	33	.00	.46	11	4	438	.0	2
1740.0	0:46	3.65	31	33	.00	.46	11	4	439	.0	2
1742.0	0:49	3.64	31	33	.00	.47	11	4	440	.0	2
1744.0	0:53	3.78	31	33	.00	.47	11	4	440	.0	2
1746.0	0:57	3.72	31	33	.00	.47	11	4	440	.0	2
1748.0	1: 5	3.66	31	33	.00	.47	11	4	440	.0	2
1750.0	1: 8	3.67	31	33	.00	.50	11	4	442	.0	2
1752.0	1:12	3.75	31	33	.00	.56	11	4	442	.0	2
1754.0	1:16	3.83	31	31	.00	.58	11	4	442	.0	2
1756.0	1:25	4.14	31	32	.00	.55	11	4	441	.0	2
1523											
1758.0	1:35	4.10	31	32	.00	.51	11	4	441	.0	2
1760.0	1:39	4.01	31	32	.00	.50	11	4	442	.0	2
1762.0	1:43	4.05	31	33	.00	.49	11	4	442	.0	2
1764.0	1:48	4.06	31	34	.00	.48	11	4	442	.0	2
1766.0	1:51	3.94	31	34	.00	.48	11	4	442	.0	2
1768.0	2: 0	4.01	31	34	.00	.48	11	4	438	.0	2
1770.0	2: 5	4.09	31	34	.00	.48	11	4	438	.0	2
1772.0	2: 9	4.03	31	33	.00	.47	11	4	438	.0	2
1774.0	2:14	4.08	31	33	.00	.48	11	4	437	.0	2
1776.0	2:23	4.04	31	33	.00	.47	11	4	438	.0	2
1543											
1778.0	2:27	3.99	31	33	.00	.47	11	4	439	.0	2
1780.0	2:31	4.00	31	33	.00	.48	11	4	439	.0	2
1782.0	2:35	4.01	31	33	.00	.50	11	4	441	.0	2
1784.0	2:39	4.06	31	33	.00	.49	11	4	440	.0	2
1786.0	2:47	3.95	31	33	.00	.49	11	4	441	.0	2
1788.0	2:52	4.09	31	34	.00	.54	11	4	441	.0	2
1790.0	2:57	4.09	31	32	.00	.59	11	4	440	.0	2
1792.0	3: 2	4.12	32	32	.00	.58	11	4	440	.0	2
1794.0	3: 8	4.21	32	32	.00	.54	11	4	440	.0	2
1796.0	3:16	4.00	32	32	.00	.50	11	4	440	.0	2
1563											

DEPTH	TIME	RS	MTI	MTO	MRI	MRD	YPM	PVM	MVI	MDOV RECDS	
1563											
1798.0	3:22	4.14	32	34	.00	.48	11	4	440	.0	2
1800.0	3:29	4.29	31	34	.00	.48	11	4	440	.0	2
1802.0	3:34	4.09	31	34	.00	.49	11	4	440	.0	2
1806.0	3:45	4.17	31	34	.00	.49	11	4	440	.0	2
1808.0	3:51	4.14	32	34	.00	.48	11	4	440	.0	2
1810.0	3:57	4.14	32	34	.00	.49	11	4	440	.0	2
1812.0	4: 4	4.23	32	34	.00	.48	11	4	440	.0	2
1814.0	4: 9	4.11	32	34	.00	.48	11	4	440	.0	2
1816.0	4:21	4.16	32	34	.00	.48	11	4	440	.0	2
1818.0	4:27	4.18	32	34	.00	.49	11	4	441	.0	2
1583											
1820.0	4:32	4.04	32	35	.00	.49	11	4	441	.0	2
1822.0	4:38	4.19	32	35	.00	.49	11	4	441	.0	2
1824.0	4:44	4.21	32	34	.00	.49	11	4	441	.0	2
1826.0	4:53	4.08	32	35	.00	.54	11	4	439	.0	2
1828.0	4:58	4.06	33	33	.00	.60	11	4	438	.0	2
1830.0	5: 3	4.14	33	33	.00	.58	11	4	438	.0	2
1832.0	5: 8	4.13	33	33	.00	.57	11	4	438	.0	2
1834.0	5:13	4.09	33	33	.00	.54	11	4	438	.0	2
1836.0	5:25	4.05	33	35	.00	.49	11	4	440	.0	2
1838.0	5:30	4.12	33	35	.00	.49	11	4	441	.0	2
1603											
1840.0	5:34	4.08	33	35	.00	.49	11	4	442	.0	2
1842.0	5:40	4.13	33	36	.00	.49	11	4	443	.0	2
1844.0	5:48	3.96	33	36	.00	.49	11	4	442	.0	2
1846.0	5:52	4.03	33	36	.00	.47	11	4	439	.0	2
1848.0	5:57	4.06	33	36	.00	.47	11	4	439	.0	2
1850.0	6: 1	4.08	33	36	.00	.47	11	4	439	.0	2
1852.0	6: 6	4.10	33	36	.00	.47	11	4	439	.0	2
1854.0	6:15	4.05	33	36	.00	.47	11	4	438	.0	2
1856.0	6:19	4.09	34	36	.00	.53	11	4	436	.0	2
1858.0	6:24	4.12	34	35	.00	.57	11	4	437	.0	2
1623											
1860.0	6:30	4.17	34	34	.00	.56	11	4	439	.0	2
1862.0	6:34	4.10	34	34	.00	.49	11	4	439	.0	2
1864.0	6:46	4.08	34	35	.00	.46	11	4	437	.0	2
1866.0	6:51	4.11	34	36	.00	.46	11	4	437	.0	2
1868.0	6:55	4.00	34	36	.00	.47	11	4	438	.0	2
1870.0	6:59	4.07	34	36	.00	.47	11	4	438	.0	2
1872.0	7: 3	4.00	34	36	.00	.47	11	4	438	.0	2
1874.0	7:12	4.02	34	37	.00	.47	11	4	433	.0	2
1876.0	7:16	4.04	35	37	.00	.47	11	4	437	.0	2
1878.0	7:20	4.07	35	37	.00	.47	11	4	438	.0	2
1643											
1880.0	7:24	4.05	36	37	.00	.47	11	4	438	.0	2
1882.0	7:29	4.10	36	37	.00	.48	11	4	438	.0	2
1884.0	7:38	4.08	36	37	.00	.48	11	4	436	.0	2
1886.0	7:42	4.06	35	37	.00	.55	11	4	436	.0	2
1888.0	7:47	4.12	35	35	.00	.56	11	4	436	.0	2
1890.0	7:52	4.08	35	35	.00	.53	11	4	436	.0	2
1892.0	8: 1	4.01	33	34	.00	.51	11	4	435	.0	2
1894.0	8: 7	4.13	33	37	.00	.48	11	4	438	.0	2
1896.0	8:10	4.01	34	37	.00	.47	11	4	438	.0	2
1898.0	8:15	4.07	36	37	.00	.48	11	4	438	.0	2
1663											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1663											
1900.0	8:19	4.05	36	37	.00	.49	11	4	439	.0	2
1902.0	8:30	4.11	35	37	.00	.49	11	4	440	.0	2
1904.0	8:34	3.97	34	37	.00	.48	11	4	442	.0	2
1906.0	8:37	3.93	32	36	.00	.49	11	4	442	.0	2
1908.0	8:40	3.94	33	37	.00	.49	11	4	442	.0	2
1910.0	8:43	3.93	35	37	.00	.49	11	4	443	.0	2
1912.0	8:53	3.88	35	37	.00	.48	11	4	441	.0	2
1914.0	8:57	3.75	34	37	.00	.49	11	4	440	.0	2
1916.0	9: 2	4.08	34	37	.00	.51	11	4	440	.0	2
1918.0	9: 7	4.03	34	36	.00	.57	11	4	439	.0	2
1683											
1919.0	9: 9	3.96	34	34	.00	.57	11	4	439	.0	1
NEW BIT ID: 5											
1920.0	16:32	4.27	30	26	.00	.46	11	4	432	.0	1
1922.0	16:37	4.13	30	29	.00	.47	11	4	432	.0	2
1924.0	16:42	4.12	29	31	.00	.47	11	4	434	.0	2
1926.0	16:46	4.06	29	32	.00	.47	11	4	432	.0	2
1928.0	16:50	4.03	29	32	.00	.47	11	4	431	.0	2
1930.0	17: 0	4.07	29	33	.00	.47	11	4	428	.0	2
1932.0	17: 5	4.10	30	34	.00	.46	11	4	431	.0	2
1934.0	17: 8	3.98	30	36	.00	.44	11	4	435	.0	2
1936.0	17:12	4.02	31	36	.00	.46	11	4	435	.0	2
1705											
1938.0	17:15	3.89	30	36	.00	.49	11	4	435	.0	2
1940.0	17:24	3.97	30	33	.00	.47	11	4	439	.0	2
1942.0	17:26	3.82	30	32	.00	.45	11	4	440	.0	2
1944.0	17:29	3.93	30	32	.00	.44	11	4	440	.0	2
1946.0	17:32	3.93	30	32	.00	.43	11	4	439	.0	2
1948.0	17:41	3.96	30	34	.00	.57	11	4	442	.0	2
1950.0	17:43	3.91	30	30	.00	.59	11	4	448	.0	2
1952.0	17:46	3.90	30	31	.00	.47	11	4	422	.0	2
1954.0	17:49	3.94	31	31	.00	.46	11	4	423	.0	2
1956.0	17:52	3.90	31	31	.00	.46	11	4	433	.0	2
1725											
1958.0	18: 5	4.04	31	34	.00	.45	11	4	440	.0	2
1960.0	18: 9	4.03	32	36	.00	.46	11	4	442	.0	2
1962.0	18:12	3.91	32	36	.00	.46	11	4	436	.0	2
1964.0	18:15	3.95	31	35	.00	.46	11	4	433	.0	2
1966.0	18:18	3.87	31	36	.00	.44	11	4	432	.0	2
1968.0	18:25	3.86	31	35	.00	.45	11	4	432	.0	2
1970.0	18:28	3.85	31	35	.00	.45	11	4	434	.0	2
1972.0	18:31	3.92	31	35	.00	.46	11	4	433	.0	2
1974.0	18:34	3.93	31	35	.00	.46	11	4	433	.0	2
1976.0	18:36	3.84	31	35	.00	.46	11	4	431	.0	2
1745											
1978.0	18:45	4.00	31	35	.00	.46	11	4	430	.0	2
1980.0	18:48	3.90	31	35	.00	.47	11	4	428	.0	2
1982.0	18:50	3.88	31	35	.00	.47	11	4	428	.0	2
1984.0	18:53	3.92	31	35	.00	.48	11	4	431	.0	2
1988.0	19: 1	3.71	32	36	.00	.49	11	4	432	.0	3
1990.0	19: 4	3.84	32	36	.00	.57	11	4	438	.0	2
1992.0	19: 7	3.98	32	35	.00	.58	11	4	429	.0	2

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1760											
1994.0	19:10	3.88	32	33	.00	.59	11	4	428	.0	2
1996.0	19:13	3.90	32	33	.00	.59	11	4	427	.0	2
1998.0	19:20	3.87	32	33	.00	.48	11	4	431	.0	2
2000.0	19:22	3.82	32	33	.00	.48	11	4	431	.0	2
2002.0	19:25	3.86	32	32	.00	.48	11	4	432	.0	2
2004.0	19:27	3.86	32	32	.00	.47	11	4	430	.0	2
2006.0	19:30	3.92	32	35	.00	.46	11	4	429	.0	2
2008.0	19:38	3.92	31	35	.00	.48	11	4	433	.0	2
2010.0	19:41	3.90	31	36	.00	.48	11	4	435	.0	2
2012.0	19:43	3.81	31	35	.00	.50	11	4	434	.0	2
1780											
2014.0	19:46	3.92	31	35	.00	.49	11	4	434	.0	2
2016.0	19:53	3.85	31	36	.00	.48	11	4	433	.0	2
2018.0	19:55	3.76	31	35	.00	.50	11	4	438	.0	2
2020.0	19:58	3.87	31	36	.00	.49	11	4	440	.0	2
2022.0	20: 0	3.87	31	35	.00	.50	11	4	440	.0	2
2024.0	20: 3	3.84	32	35	.00	.49	11	4	437	.0	2
2026.0	20:11	3.95	32	36	.00	.49	11	4	440	.0	2
2028.0	20:14	3.92	33	36	.00	.55	11	4	430	.0	2
2030.0	20:17	3.91	33	36	.00	.58	11	4	430	.0	2
2032.0	20:20	3.95	33	34	.00	.59	11	4	430	.0	2
1800											
2034.0	20:22	3.88	33	34	.00	.58	11	4	430	.0	2
2036.0	20:30	3.89	33	34	.00	.52	11	4	430	.0	2
2038.0	20:32	3.83	33	33	.00	.47	11	4	435	.0	2
2040.0	20:35	3.95	33	33	.00	.49	11	4	434	.0	2
2042.0	20:39	3.96	33	33	.00	.48	11	4	434	.0	2
2044.0	20:41	3.88	32	36	.00	.46	11	4	434	.0	2
2046.0	20:54	3.88	33	36	.00	.48	11	4	427	.0	2
2048.0	20:56	3.90	33	36	.00	.47	11	4	426	.0	2
2050.0	20:59	3.92	33	36	.00	.49	11	4	434	.0	2
2052.0	21: 2	3.96	34	37	.00	.48	11	4	435	.0	2
1820											
2054.0	21: 5	3.88	34	37	.00	.48	11	4	435	.0	2
2056.0	21:12	3.81	33	37	.00	.48	11	4	433	.0	2
2058.0	21:15	3.89	33	37	.00	.48	12	5	429	.0	2
2060.0	21:17	3.88	33	36	.00	.49	12	6	428	.0	2
2062.0	21:20	3.85	33	36	.00	.49	12	6	428	.0	2
2064.0	21:29	3.94	32	36	.00	.48	12	6	428	.0	2
2066.0	21:31	3.82	32	37	.00	.49	12	6	434	.0	2
2068.0	21:34	3.87	32	37	.00	.50	12	6	434	.0	2
2070.0	21:37	3.90	32	36	.00	.54	12	6	429	.0	2
2072.0	21:39	3.86	32	37	.00	.55	12	6	426	.0	2
1840											
2074.0	21:47	3.90	33	34	.00	.58	12	6	428	.0	2
2076.0	21:51	4.04	34	34	.00	.55	12	6	428	.0	2
2078.0	21:55	4.02	34	35	.00	.54	12	6	426	.0	2
2080.0	21:59	3.97	34	36	.00	.53	12	6	428	.0	2
2082.0	22: 3	4.03	34	38	.00	.53	12	6	428	.0	2
2084.0	22:12	3.96	33	37	.00	.52	12	6	428	.0	2
2086.0	22:17	3.98	33	37	.00	.53	12	6	428	.0	2
2088.0	22:20	3.96	33	37	.00	.53	12	6	425	.0	2
2090.0	22:25	4.01	33	37	.00	.53	12	6	425	.0	2
2092.0	22:29	3.94	33	37	.00	.54	12	6	424	.0	2
1860											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
	1860										
2094.0	22:37	3.68	33	37	.00	.54	12	6	432	.0	2
2096.0	22:41	3.71	33	36	.00	.55	12	6	430	.0	2
2098.0	22:45	3.88	33	36	.00	.54	12	6	431	.0	2
2100.0	22:49	3.88	33	37	.00	.53	12	6	430	.0	2
2102.0	22:57	3.90	33	37	.00	.53	12	6	429	.0	2
2104.0	23: 1	3.96	34	37	.00	.55	12	6	429	.0	2
2106.0	23: 4	3.93	35	35	.00	.58	12	6	430	.0	2
2108.0	23: 9	4.00	35	34	.00	.57	12	6	429	.0	2
2110.0	23:13	3.96	34	34	.00	.56	12	6	429	.0	2
2112.0	23:21	3.94	34	34	.00	.53	12	6	429	.0	2
	1880										
2114.0	23:26	4.05	34	34	.00	.52	12	6	427	.0	2
2116.0	23:30	4.00	34	35	.00	.50	12	6	427	.0	2
2118.0	23:35	4.02	33	36	.00	.47	12	6	427	.0	2
2120.0	23:40	3.96	33	36	.00	.47	12	6	426	.0	2
2122.0	23:49	3.96	33	36	.00	.47	12	6	426	.0	2
2124.0	23:53	3.99	34	37	.00	.45	12	6	428	.0	2
2126.0	23:58	4.04	34	37	.00	.44	12	6	430	.0	2
2128.0	0: 2	4.01	34	37	.00	.43	12	6	430	.0	2
2130.0	0: 6	4.00	33	37	.00	.44	12	6	430	.0	2
2132.0	0:15	3.84	33	37	.00	.50	12	6	430	.0	2
	1900										
2134.0	0:19	3.85	33	37	.00	.55	12	6	430	.0	2
2136.0	0:22	3.82	33	35	.00	.57	12	6	430	.0	2
2138.0	0:26	3.84	33	34	.00	.57	12	6	431	.0	2
2140.0	0:35	3.90	33	34	.00	.48	12	6	431	.0	2
2142.0	0:40	3.91	35	35	.00	.46	12	6	430	.0	2
2144.0	0:44	3.87	34	37	.00	.45	12	6	430	.0	2
2146.0	0:48	3.92	34	37	.00	.46	12	6	431	.0	2
2148.0	0:52	3.87	34	37	.00	.46	12	6	431	.0	2
2150.0	0:59	3.62	34	37	.00	.46	12	6	431	.0	1
2152.0	1: 3	3.91	33	37	.00	.49	12	6	431	.0	2
	1919										
2154.0	1: 7	3.83	33	37	.00	.47	12	6	429	.0	2
2156.0	1:11	3.88	33	37	.00	.47	12	6	429	.0	2
2158.0	1:15	3.90	33	36	.00	.47	12	6	429	.0	2
2160.0	1:23	3.80	34	37	.00	.45	12	6	429	.0	2
2162.0	1:26	3.87	35	37	.00	.44	12	6	429	.0	2
2164.0	1:30	3.86	35	38	.00	.51	12	6	429	.0	2
2166.0	1:33	3.84	34	37	.00	.55	12	6	428	.0	2
2168.0	1:37	3.82	34	34	.00	.56	12	6	427	.0	2
2170.0	1:46	3.88	35	35	.00	.47	12	6	429	.0	2
2172.0	1:49	3.79	34	35	.00	.45	12	6	430	.0	2
	1939										
2174.0	1:54	3.87	34	36	.00	.44	12	6	430	.0	2
2176.0	1:57	3.78	34	37	.00	.44	12	6	430	.0	2
2178.0	2: 1	3.75	35	37	.00	.45	12	6	430	.0	2
2180.0	2: 9	3.84	35	38	.00	.43	12	6	437	.0	2
2182.0	2:12	3.71	35	38	.00	.43	12	6	434	.0	2
2184.0	2:15	3.74	35	37	.00	.44	12	6	438	.0	2
2186.0	2:18	3.79	34	38	.00	.43	12	6	442	.0	2
2188.0	2:26	3.80	34	38	.00	.43	12	6	441	.0	2
2190.0	2:29	3.86	34	38	.00	.43	12	6	438	.0	2
2192.0	2:33	3.83	34	38	.00	.48	12	6	437	.0	2
	1959										

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
1959											
2194.0	2:35	3.76	34	38	.00	.54	12	6	439	.0	2
2196.0	2:39	3.86	35	35	.00	.57	12	6	439	.0	2
2198.0	2:46	3.88	36	35	.00	.47	12	6	441	.0	2
2200.0	2:50	3.92	36	35	.00	.43	12	6	442	.0	2
2202.0	2:53	3.87	35	35	.00	.43	12	6	441	.0	2
2204.0	2:56	3.83	35	37	.00	.41	12	6	443	.0	2
2206.0	2:59	3.81	35	38	.00	.41	12	6	442	.0	2
2208.0	3: 3	3.68	35	38	.00	.42	12	6	442	.0	1
2210.0	3: 7	3.79	35	38	.00	.42	12	6	439	.0	2
2212.0	3:10	3.82	35	38	.00	.42	12	6	441	.0	2
1978											
2214.0	3:13	3.73	34	38	.00	.43	12	6	441	.0	2
2216.0	3:16	3.90	34	39	.00	.43	12	6	441	.0	2
2218.0	3:24	3.82	34	39	.00	.44	12	6	442	.0	2
2220.0	3:28	3.83	34	39	.00	.45	12	6	438	.0	2
2222.0	3:32	3.86	34	39	.00	.45	12	6	437	.0	2
2224.0	3:36	3.87	34	39	.00	.54	12	6	437	.0	2
2226.0	3:40	4.02	36	36	.00	.57	12	6	437	.0	2
2228.0	3:50	3.96	36	36	.00	.48	12	6	438	.0	2
2230.0	3:54	3.99	36	37	.00	.42	12	6	435	.0	2
2232.0	3:59	4.01	36	37	.00	.43	12	6	431	.0	2
1998											
2234.0	4: 2	3.94	36	39	.00	.44	12	6	432	.0	2
2236.0	4:11	3.95	36	39	.00	.44	12	6	431	.0	2
2238.0	4:16	3.92	36	39	.00	.44	12	6	428	.0	2
2240.0	4:20	3.98	36	39	.00	.45	12	6	430	.0	2
2242.0	4:23	3.89	36	39	.00	.44	12	6	431	.0	2
2244.0	4:27	4.00	37	39	.00	.44	12	6	432	.0	2
2246.0	4:35	3.93	37	39	.00	.44	12	6	432	.0	2
2248.0	4:40	3.99	37	39	.00	.44	12	6	432	.0	2
2250.0	4:43	3.93	37	39	.00	.43	12	6	434	.0	2
2252.0	4:46	3.81	37	39	.00	.42	12	6	433	.0	2
2018											
2254.0	4:49	3.90	36	40	.00	.43	12	6	431	.0	2
2256.0	4:58	3.95	37	40	.00	.43	12	6	431	.0	2
2258.0	5: 1	3.80	38	41	.00	.44	12	6	429	.0	2
2260.0	5: 4	3.91	38	41	.00	.48	12	6	431	.0	2
2262.0	5: 8	3.91	38	41	.00	.49	12	6	433	.0	2
2264.0	5:11	3.90	37	41	.00	.49	12	6	435	.0	2
2266.0	5:22	3.90	37	40	.00	.52	12	6	431	.0	2
2268.0	5:25	3.90	38	41	.00	.53	12	6	436	.0	2
2270.0	5:29	3.92	38	41	.00	.53	12	6	436	.0	2
2272.0	5:37	3.97	38	40	.00	.51	12	6	436	.0	2
2038											
2274.0	5:44	3.92	38	40	.00	.51	12	6	434	.0	2
2276.0	5:48	3.97	38	41	.00	.52	12	6	427	.0	2
2278.0	5:52	3.94	38	41	.00	.54	12	6	433	.0	2
2280.0	5:56	3.95	38	38	.00	.58	12	6	432	.0	2
2282.0	6: 0	3.96	38	38	.00	.56	12	6	430	.0	2
2284.0	6: 8	3.95	39	39	.00	.53	12	6	431	.0	2
2286.0	6:11	3.94	39	39	.00	.49	12	6	434	.0	2
2288.0	6:15	3.93	39	38	.00	.50	12	6	434	.0	2
2290.0	6:19	3.95	39	41	.00	.49	12	6	432	.0	2
2292.0	6:23	3.99	39	42	.00	.49	12	6	431	.0	2
2058											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
2058											
2294.0	6:32	4.02	38	41	.00	.52	12	6	434	.0	2
2296.0	6:36	4.04	38	42	.00	.54	12	6	436	.0	2
2298.0	6:40	3.97	39	42	.00	.54	12	6	434	.0	2
2300.0	6:44	3.97	39	42	.00	.53	12	6	428	.0	2
2302.0	6:48	3.98	39	42	.00	.53	12	6	429	.0	2
2304.0	6:56	3.99	39	42	.00	.53	12	6	428	.0	2
2306.0	7: 1	4.01	39	42	.00	.55	12	6	426	.0	2
2308.0	7: 5	3.96	39	38	.00	.59	12	6	430	.0	2
2310.0	7: 9	3.99	39	39	.00	.57	12	6	430	.0	2
2312.0	7:19	3.98	39	38	.00	.55	12	6	431	.0	2
2078											
2314.0	7:23	3.99	40	39	.00	.53	12	6	431	.0	2
2316.0	7:27	3.97	40	42	.00	.52	12	6	431	.0	2
2318.0	7:32	4.03	40	42	.00	.53	12	6	431	.0	2
2320.0	7:36	4.01	39	41	.00	.54	12	6	430	.0	2
2322.0	7:45	3.91	38	41	.00	.52	12	6	431	.0	2
2326.0	7:51	4.00	39	41	.00	.54	12	6	429	.0	2
2328.0	7:56	3.97	39	42	.00	.54	12	6	428	.0	2
2330.0	7:59	3.95	39	41	.00	.55	12	6	426	.0	2
2332.0	8: 4	4.04	40	41	.00	.54	12	6	426	.0	2
2334.0	8:12	3.94	40	41	.00	.54	12	6	427	.0	2
2098											
2336.0	8:16	3.99	40	42	.00	.53	12	6	427	.0	2
2338.0	8:21	3.98	40	43	.00	.54	12	6	425	.0	2
2340.0	8:25	4.02	40	42	.00	.54	12	6	424	.0	2
2342.0	8:36	4.14	39	43	.00	.53	12	6	424	.0	2
2344.0	8:41	4.10	40	43	.00	.54	12	6	423	.0	2
2346.0	8:46	4.08	41	42	.00	.57	12	6	425	.0	2
2348.0	8:51	4.07	41	40	.00	.51	12	6	433	.0	2
2350.0	8:55	4.05	40	39	.00	.49	12	6	436	.0	2
2352.0	9: 5	4.05	40	41	.00	.52	12	6	428	.0	2
2354.0	9:10	4.02	39	42	.00	.54	12	6	426	.0	2
2118											
2356.0	9:14	4.03	39	44	.00	.53	12	6	426	.0	2
2358.0	9:19	4.02	39	44	.00	.53	12	6	426	.0	2
2360.0	9:28	3.99	39	43	.00	.54	12	6	426	.0	2
2362.0	9:33	4.01	40	43	.00	.54	12	6	426	.0	2
2364.0	9:38	4.00	40	44	.00	.54	12	6	426	.0	2
2366.0	9:42	3.97	40	44	.00	.54	12	6	423	.0	2
2368.0	9:47	3.98	40	44	.00	.54	12	6	423	.0	2
2370.0	9:56	4.04	40	44	.00	.54	12	6	425	.0	2
2372.0	10: 1	3.99	40	44	.00	.53	12	6	429	.0	2
2374.0	10: 5	3.95	40	45	.00	.53	12	6	429	.0	2
2138											
2376.0	11:49	3.95	41	43	.00	.58	12	6	418	.0	2
2378.0	11:56	3.94	41	42	.00	.71	12	6	417	.0	2
2380.0	12:14	4.04	41	42	.00	.76	12	6	416	.0	2
2382.0	12:22	3.90	41	42	.00	.99	12	6	410	.0	2
2384.0	12:28	3.88	41	44	.00	.95	12	6	409	.0	2
2386.0	12:35	3.88	41	44	.00	.84	12	6	409	.0	2
2388.0	12:41	3.80	41	44	.00	.92	12	6	409	.0	2
2390.0	12:57	3.96	41	44	.00	.78	12	6	411	.0	2
2392.0	2:12	4.42	40	40	.00	.56	14	6	768	.0	10
2394.0	3:28	4.58	39	39	.00	.65	14	6	845	.0	10
2178											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
2154											
NEW BIT ID: -1											
2391.0	1:25	4.26	41	40	.00	.55	14	6	772	.0	5
2392.0	2:12	4.57	39	40	.00	.58	14	6	764	.0	5
2393.0	2:51	4.59	39	39	.00	.62	14	6	922	.0	5
2394.0	3:28	4.57	39	39	.00	.67	14	6	768	.0	5
2395.0	4: 4	4.54	39	39	.00	.73	14	6	753	.0	5
2396.0	4:43	4.58	39	39	.00	.79	14	6	831	.0	4
2397.0	5:24	4.61	39	39	.00	.82	14	6	719	.0	5
2398.0	6:15	4.73	38	39	.00	.83	14	6	615	.0	5
2399.0	7: 4	4.67	38	39	.00	.82	14	6	402	.0	5
2400.0	8: 4	4.70	39	39	.00	.77	14	6	654	.0	5
2207											
2401.0	8:59	4.69	39	40	.00	.78	14	6	701	.0	5
2402.0	9:54	4.67	40	40	.00	.81	14	6	767	.0	5
2402.4	10:13	4.70	40	40	.00	.83	14	6	755	.0	2
NEW BIT ID: -2											
2403.0	20:33	4.43	37	40	.00	.46	14	6	336	.0	3
2404.0	21: 6	4.85	38	39	.00	.46	14	6	365	.0	3
2405.0	21:36	4.86	38	39	.00	.44	14	6	366	.0	3
2406.0	21:59	4.70	38	40	.00	.45	14	6	377	.0	1
2407.0	22:19	4.77	38	40	.00	.45	14	6	375	.0	1
2408.0	22:46	4.94	39	40	.00	.45	14	6	385	.0	2
2409.0	23: 4	4.82	39	40	.00	.45	14	6	390	.0	1
2237											
2410.0	23:23	4.76	39	39	.00	.45	14	6	384	.0	1
2411.0	23:40	4.69	39	39	.00	.52	14	6	378	.0	1
NEW BIT ID: -3											
2412.0	9:11	3.73	40	32	.00	.42	23	6	240	.0	1
2413.0	9:40	4.58	42	37	.00	.42	23	6	336	.0	2
2414.0	10: 0	4.50	40	42	.00	.42	23	6	334	.0	1
2415.0	10:14	4.38	41	42	.00	.42	23	6	337	.0	1
2416.0	10:31	4.49	41	42	.00	.42	23	6	342	.0	1
2417.0	10:44	4.37	41	40	.00	.42	23	6	345	.0	1
2419.0	10:57	4.00	41	30	.00	.43	23	6	332	.0	1
2420.0	11: 2	3.96	40	31	.00	.43	23	6	335	.0	1
2252											
2421.0	11: 8	4.01	40	36	.00	.42	23	6	339	.0	1
2422.0	11:13	3.95	40	38	.00	.42	23	6	345	.0	1
2423.0	11:16	3.74	40	39	.00	.43	23	6	348	.0	1
2424.0	11:20	3.84	40	39	.00	.43	23	6	346	.0	1
2425.0	11:25	3.89	40	39	.00	.42	23	6	346	.0	1
NEW BIT ID: -4											
2426.0	20: 5	3.26	37	44	.00	.48	20	6	300	.0	1
2427.0	20:11	3.84	37	42	.00	.48	20	6	312	.0	1
2428.0	20:13	3.48	37	42	.00	.46	20	6	324	.0	1
2429.0	20:15	3.55	38	40	.00	.47	20	6	329	.0	1
2430.0	20:18	3.45	38	40	.00	.47	20	6	333	.0	1
2266											
2431.0	20:20	3.42	38	40	.00	.47	20	6	339	.0	1
2432.0	20:23	3.62	38	39	.00	.47	20	6	325	.0	1
2433.0	20:28	3.89	38	39	.00	.47	20	6	325	.0	1
2434.0	20:33	3.90	38	39	.00	.46	20	6	328	.0	1

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
2270											
2435.0	20:39	3.99	38	40	.00	.46	20	6	330	.0	1
2436.0	20:42	3.76	38	40	.00	.46	20	6	344	.0	1
2437.0	20:46	3.84	38	39	.00	.46	20	6	339	.0	1
2438.0	20:49	3.73	38	39	.00	.46	20	6	334	.0	1
NEW BIT ID: -5											
2439.0	6: 4	3.05	39	40	.00	.56	22	7	302	.0	1
2440.0	6:12	3.33	39	39	.00	.56	22	7	291	.0	1
2441.0	6:20	3.65	39	37	.00	.56	22	7	290	.0	1
2442.0	6:33	3.98	39	38	.00	.56	22	7	314	.0	1
2443.0	6:49	4.10	39	38	.00	.56	22	7	366	.0	1
2444.0	7: 8	4.19	39	38	.00	.56	22	7	388	.0	1
2284											
2445.0	7:25	4.12	39	38	.00	.56	22	7	388	.0	1
2446.0	7:45	4.22	39	38	.00	.56	22	7	384	.0	2
2447.0	8: 1	4.09	38	38	.00	.56	22	7	383	.0	1
2448.0	8:13	3.94	38	38	.00	.56	22	7	375	.0	1
2449.0	8:30	4.21	38	38	.00	.56	22	7	377	.0	1
2450.0	8:52	4.31	38	37	.00	.56	22	7	379	.0	1
2451.0	9: 7	4.12	38	36	.00	.56	22	7	354	.0	1
NEW BIT ID: -6											
2452.0	15:31	2.78	35	41	.00	.46	20	6	276	.0	1
2453.0	15:49	4.08	35	41	.00	.47	20	6	322	.0	1
2454.0	15:52	3.65	36	39	.00	.48	20	6	331	.0	1
2299											
2455.0	15:56	3.65	36	38	.00	.49	20	6	331	.0	1
2456.0	16: 1	3.81	37	38	.00	.48	20	6	353	.0	1
2457.0	16: 7	3.91	37	37	.00	.48	20	6	366	.0	1
2458.0	16:14	4.00	37	37	.00	.48	20	6	367	.0	1
2459.0	16:47	4.76	37	36	.00	.48	20	6	378	.0	3
2460.0	17: 5	4.60	36	35	.00	.47	20	6	385	.0	1
2461.0	17:48	5.00	35	34	.00	.45	20	6	370	.0	5
2462.0	18:13	4.86	34	35	.00	.44	20	6	383	.0	2
2463.0	18:35	4.73	34	34	.00	.45	20	6	385	.0	1
2464.0	19:16	4.88	34	36	.00	.45	20	6	377	.0	4
2319											
2464.6	19:30	4.52	34	36	.00	.45	20	6	384	.0	1

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
2320											
NEW BIT ID: 7											
2466.0	15:45	3.52	36	40	.00	1.15	20	6	421	.0	1
2468.0	15:59	3.99	37	40	.00	1.23	20	6	417	.0	2
2470.0	16: 8	3.95	37	41	.00	1.27	20	6	412	.0	2
2472.0	16:13	3.75	38	41	.00	1.28	20	6	409	.0	2
2474.0	16:22	4.07	38	40	.00	1.29	20	6	407	.0	2
2476.0	16:34	3.80	38	40	.00	1.30	20	6	409	.0	2
2478.0	16:44	4.11	39	41	.00	1.29	20	6	411	.0	2
2480.0	16:51	3.92	39	42	.00	1.29	20	6	410	.0	2
2482.0	17: 2	4.18	39	42	.00	1.28	20	6	409	.0	2
2484.0	17:10	3.94	40	42	.00	1.28	20	6	410	.0	2
2343											
2486.0	17:37	4.06	40	43	.00	.80	20	6	427	.0	2
2488.0	17:47	4.12	40	43	.00	.43	20	6	427	.0	2
2490.0	17:55	4.03	41	44	.00	.43	20	6	426	.0	2
2492.0	18: 6	4.14	41	44	.00	.43	20	6	425	.0	2
2494.0	18:10	3.67	41	45	.00	.43	20	6	425	.0	2
2496.0	18:22	3.65	41	45	.00	.43	20	6	424	.0	2
2498.0	18:29	3.90	41	44	.00	.51	20	6	425	.0	2
2500.0	18:31	3.43	42	40	.00	.55	20	6	425	.0	2
2502.0	18:34	3.52	42	41	.00	.51	20	6	424	.0	2
2504.0	18:45	3.47	42	41	.00	.50	20	6	420	.0	2
2363											
2506.0	18:48	3.52	42	43	.00	.50	20	6	419	.0	2
2508.0	18:52	3.67	42	42	.00	.53	20	6	420	.0	2
2510.0	18:58	3.88	42	42	.00	.51	20	6	420	.0	2
2512.0	19: 3	3.80	42	42	.00	.51	20	6	420	.0	2
2514.0	19:12	3.48	42	42	.00	.51	20	6	423	.0	1
2516.0	19:17	3.76	42	41	.00	.51	20	6	427	.0	2
2518.0	19:24	3.99	42	42	.00	.52	20	6	427	.0	2
2520.0	19:36	4.12	42	42	.00	.52	20	6	427	.0	2
2522.0	19:48	4.16	42	42	.00	.53	20	6	427	.0	2
2524.0	20: 2	3.86	42	41	.00	.55	20	6	422	.0	2
2382											
2526.0	20:14	4.09	42	42	.00	.54	20	6	419	.0	2
2528.0	20:25	4.10	42	42	.00	.54	20	6	418	.0	2
2530.0	20:37	4.06	42	43	.00	.55	20	6	418	.0	2
2532.0	20:41	3.54	42	43	.00	.57	20	6	418	.0	2
2534.0	20:49	3.47	42	42	.00	.57	20	6	419	.0	2
2536.0	20:52	3.38	42	43	.00	.53	20	6	420	.0	2
2538.0	21: 7	3.94	42	44	.00	.44	20	6	419	.0	2
2540.0	21:24	4.13	42	47	.00	.43	20	6	416	.0	2
2542.0	21:37	3.90	43	48	.00	.43	20	6	417	.0	2
2544.0	21:44	3.87	43	47	.00	.43	20	6	419	.0	2
2402											
2546.0	21:54	3.98	44	48	.00	.43	20	6	419	.0	2
2548.0	22: 0	3.82	44	47	.00	.43	20	6	419	.0	2
2550.0	22:13	4.11	44	47	.00	.44	20	6	419	.0	2
2552.0	22:27	3.97	45	47	.00	.45	20	6	421	.0	1
2554.0	22:38	4.09	45	48	.00	.46	20	6	425	.0	2
2556.0	22:45	3.97	46	48	.00	.46	20	6	425	.0	2
2558.0	22:59	4.23	46	48	.00	.46	20	6	425	.0	2

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
2415											
2560.0	23: 5	3.76	46	49	.00	.47	20	6	425	.0	2
2562.0	23:12	3.56	46	49	.00	.47	20	6	424	.0	2
2564.0	23:17	3.64	46	49	.00	.49	20	6	422	.0	2
2566.0	23:34	4.18	46	45	.00	.59	20	6	422	.0	2
2568.0	23:43	3.95	46	46	.00	.58	20	6	423	.0	2
2570.0	23:51	3.89	46	46	.00	.45	20	6	423	.0	2
2572.0	0:15	4.06	46	50	.00	.43	20	6	416	.0	2
2574.0	0:23	3.92	46	51	.00	.43	20	6	409	.0	2
2576.0	0:30	3.86	46	50	.00	.43	20	6	409	.0	2
2578.0	0:41	4.02	47	50	.00	.43	20	6	409	.0	2
2435											
2580.0	0:55	3.85	47	50	.00	.44	20	6	409	.0	1
2582.0	1: 7	4.04	47	49	.00	.46	20	6	416	.0	2
2584.0	1:20	4.09	48	50	.00	.48	20	6	416	.0	2
2592.0	0:13	4.15	48	50	.01	.48	20	9	410	.0	2
2594.0	0:24	4.07	48	50	.01	.48	20	9	410	.0	2
2596.0	0:34	4.02	48	50	.01	.48	20	9	410	.0	2
2598.0	0:41	3.85	48	50	.01	.48	20	9	410	.0	2
2600.0	0:48	3.81	48	50	.01	.48	20	9	410	.0	2
2602.0	0:53	3.69	48	50	.01	.48	20	9	410	.0	2

DUMP C

DEPTH	-	Well depth in metres.
STEP	-	Depth increment in metres.
CHRS	-	Cumulative bit hours. The number of hours that the bit has actually been 'on bottom' as opposed to in the hole, recorded in decimal hours
WOB	-	Weight on bit in thousands of pounds
HKLDX	-	Maximum hookload. This is the total weight of the string. The value for maximum hookload picked up by the computer is the average value of the total weight of the string over a 5 second interval beginning after the rotary table has made five revolutions after the slips have been pulled. This value is then fixed in the computer memory until the next time the slips are set, when a new value is taken.
HKLD	-	Current hookload. This is the weight of the string when 'on bottom' i.e. whilst actually drilling. The difference between the maximum hookload is the computer calculated weight on bit.
BWOV	-	The weight on the bit override setting. This is used in the event of a hookload sensor malfunction to enable the operator to inform the computer of the WOB in use.
SPM1	-	Stroke rate/minute for pump number 1
SPM2	-	Stroke rate/minute for pump number 2
PMPR	-	The pump pressure, psi
PCSG	-	Casing pressure. This is the pressure exerted on the casing after the well has been shut in following a 'kick'.
HSP	-	Hydrostatic pressure. This is the pressure exerted by the column of mud in the hole, measured in psi.

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	68										
250.0	.0	.0	5	150	145	0	94.8	106.3	1622	0	357
254.0	4.0	.0	7	150	143	0	98.0	107.7	1673	0	371
256.0	2.0	.0	10	150	142	0	98.5	107.2	1679	0	376
260.0	4.0	.0	8	150	142	0	89.8	107.1	2419	0	376
262.0	2.0	.0	4	150	146	0	88.8	106.9	2474	0	381
266.0	4.0	.1	6	150	145	0	89.4	106.9	2473	0	388
270.0	4.0	.1	6	153	138	0	87.0	105.0	2362	0	395
280.0	10.0	.1	9	162	153	0	57.7	.0	893	0	403
282.0	2.0	.1	8	162	154	0	73.6	.0	442	0	411
284.0	2.0	.1	8	162	154	0	73.7	.0	443	0	416
	88										
286.0	2.0	.1	8	162	154	0	73.9	.0	440	0	418
290.0	4.0	.1	9	160	149	0	93.1	104.9	1566	0	414
292.0	2.0	.2	9	160	151	0	89.9	100.9	1488	0	420
294.0	2.0	.2	6	160	154	0	81.5	101.2	1374	0	426
296.0	2.0	.2	9	160	151	0	81.8	101.0	1381	0	430
298.0	2.0	.2	8	160	152	0	82.5	101.3	1392	0	435
300.0	2.0	.2	12	160	148	0	82.6	102.0	1399	0	441
302.0	2.0	.2	17	160	143	0	82.5	101.6	1399	0	445
304.0	2.0	.2	14	160	146	0	83.0	100.8	1403	0	450
306.0	2.0	.3	11	160	149	0	84.1	102.6	1425	0	452
	108										
308.0	2.0	.3	12	160	148	0	104.5	109.4	1826	0	454
310.0	2.0	.3	14	160	146	0	104.3	108.9	1822	0	458
312.0	2.0	.3	12	160	148	0	104.8	109.5	1832	0	462
314.0	2.0	.3	10	160	150	0	95.6	103.3	1620	0	458
316.0	2.0	.3	12	160	148	0	96.0	104.0	1622	0	463
318.0	2.0	.3	13	157	145	0	95.7	104.4	1625	0	468
320.0	2.0	.3	8	157	149	0	95.6	103.5	1630	0	474
322.0	2.0	.3	4	157	153	0	96.7	103.5	1635	0	472
324.0	2.0	.4	8	158	150	0	106.3	93.1	1632	0	476
326.0	2.0	.4	9	158	149	0	106.8	92.7	1637	0	482
	127										
328.0	2.0	.4	11	158	147	0	106.8	92.5	1637	0	486
330.0	2.0	.4	13	158	145	0	106.6	92.2	1640	0	489
332.0	2.0	.4	7	158	151	0	107.0	102.6	1809	0	487
334.0	2.0	.4	10	158	142	0	102.6	110.4	1842	0	488
336.0	2.0	.4	12	158	146	0	104.4	110.6	1868	0	490
338.0	2.0	.5	11	158	147	0	107.2	110.1	1911	0	492
340.0	2.0	.5	12	158	146	0	109.1	109.8	1939	0	497
342.0	2.0	.5	11	158	147	0	109.5	112.2	1990	0	500
344.0	2.0	.5	13	158	143	0	109.6	114.3	2019	0	503
346.0	2.0	.5	12	158	146	0	109.1	114.5	2021	0	507
	147										
348.0	2.0	.6	17	158	141	0	109.9	113.9	2025	0	511
350.0	2.0	.6	9	158	149	0	109.5	114.8	2024	0	514
352.0	2.0	.6	12	158	146	0	108.5	112.8	1979	0	517
354.0	2.0	.6	12	158	146	0	107.7	112.3	1971	0	521
356.0	2.0	.6	14	158	144	0	108.3	112.0	1969	0	524
358.0	2.0	.7	8	158	150	0	108.4	112.4	1972	0	525
360.0	2.0	.7	12	158	146	0	111.2	110.1	1976	0	527
362.0	2.0	.7	11	158	147	0	110.7	109.0	1976	0	532
364.0	2.0	.7	12	158	146	0	111.6	110.6	1976	0	537
366.0	2.0	.7	12	158	146	0	111.0	109.9	1979	0	540
	167										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
167											
368.0	2.0	.7	8	158	150	0	111.5	109.8	1985	0	540
370.0	2.0	.8	13	158	145	0	110.4	109.9	1985	0	543
372.0	2.0	.8	14	158	144	0	110.4	110.5	1994	0	548
374.0	2.0	.8	15	158	143	0	110.7	110.6	1991	0	550
376.0	2.0	.8	15	158	143	0	110.2	110.7	1992	0	554
380.0	4.0	.8	10	158	148	0	110.7	111.5	2007	0	558
382.0	2.0	.8	14	158	144	0	110.2	113.0	2033	0	565
384.0	2.0	.8	16	158	142	0	110.3	112.6	2031	0	570
386.0	2.0	.8	16	158	142	0	110.6	113.0	2038	0	574
388.0	2.0	.9	9	158	149	0	110.7	112.9	2046	0	576
188											
390.0	2.0	.9	12	158	146	0	109.3	114.6	2037	0	572
392.0	2.0	.9	13	158	145	0	108.5	115.2	2039	0	578
394.0	2.0	.9	13	158	145	0	108.7	115.3	2053	0	581
396.0	2.0	.9	9	160	150	0	108.5	114.8	2046	0	579
398.0	2.0	1.0	14	160	146	0	109.3	110.9	1995	0	581
400.0	2.0	1.0	12	160	148	0	109.5	111.1	2000	0	586
402.0	2.0	1.0	11	160	149	0	109.7	111.0	2011	0	589
404.0	2.0	1.0	15	160	145	0	57.8	59.0	2552	0	586
406.0	2.0	1.0	15	160	145	0	87.7	79.5	1862	0	583
408.0	2.0	1.1	12	160	148	0	105.5	112.9	1967	0	588
208											
410.0	2.0	1.1	15	160	145	0	105.3	112.3	1972	0	594
412.0	2.0	1.1	18	160	142	0	105.4	113.2	1974	0	600
418.0	6.0	1.1	15	160	145	0	104.7	111.7	1951	0	613
420.0	2.0	1.2	18	160	142	0	104.2	110.1	1916	0	621
422.0	2.0	1.2	15	157	143	0	104.3	110.2	1915	0	625
424.0	2.0	1.2	12	156	144	0	104.4	110.7	1924	0	630
426.0	2.0	1.2	8	157	149	0	103.9	109.8	1936	0	633
428.0	2.0	1.2	9	157	148	0	106.4	109.2	1946	0	628
430.0	2.0	1.2	12	157	144	0	107.0	110.1	1961	0	633
432.0	2.0	1.2	12	157	145	0	107.6	109.5	1965	0	638
229											
434.0	2.0	1.3	11	157	146	0	107.8	109.4	1967	0	642
436.0	2.0	1.3	12	156	149	0	106.4	112.0	1989	0	637
438.0	2.0	1.3	14	156	142	0	105.7	113.8	2018	0	642
440.0	2.0	1.3	12	156	143	0	105.5	113.4	2014	0	648
442.0	2.0	1.3	12	156	144	0	105.1	114.8	2019	0	653
444.0	2.0	1.3	11	156	145	0	105.7	113.7	2023	0	659
446.0	2.0	1.4	13	157	148	0	107.0	113.7	2023	0	658
448.0	2.0	1.4	14	158	144	0	105.7	109.0	1956	0	659
450.0	2.0	1.4	14	158	144	0	105.6	108.8	1962	0	665
452.0	2.0	1.4	14	158	147	0	106.8	108.8	1971	0	670
249											
460.0	8.0	1.4	15	158	147	0	105.3	107.0	1927	0	672
466.0	6.0	1.5	11	158	146	0	105.2	114.5	2051	0	684
468.0	2.0	1.5	9	158	149	0	106.3	114.1	2071	0	690
470.0	2.0	1.5	14	158	144	0	107.2	113.9	2076	0	695
472.0	2.0	1.5	11	158	147	0	107.3	114.0	2079	0	700
478.0	6.0	1.6	10	158	148	0	107.8	114.1	2083	0	713
480.0	2.0	1.6	15	165	154	0	107.8	113.2	2071	0	709
482.0	2.0	1.6	15	161	147	0	108.3	113.1	2089	0	713
484.0	2.0	1.6	13	164	150	0	108.9	112.9	2092	0	715
486.0	2.0	1.6	12	158	147	0	108.9	114.7	2107	0	706
268											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	268										
488.0	2.0	1.7	14	158	144	0	107.8	115.2	2116	0	711
490.0	2.0	1.7	14	158	144	0	107.8	115.0	2118	0	717
492.0	2.0	1.7	16	158	142	0	108.4	115.4	2117	0	722
494.0	2.0	1.7	10	157	147	0	107.5	114.2	2101	0	724
496.0	2.0	1.7	14	155	141	0	105.8	113.1	2055	0	726
498.0	2.0	1.8	13	155	142	0	105.6	112.8	2051	0	732
500.0	2.0	1.8	15	155	140	0	105.5	112.4	2051	0	736
502.0	2.0	1.8	10	155	145	0	105.8	112.6	2051	0	739
504.0	2.0	1.8	14	160	147	0	104.6	112.3	2033	0	736
506.0	2.0	1.8	18	160	143	0	103.5	112.3	2023	0	742
	288										
508.0	2.0	1.9	17	160	143	0	104.0	112.7	2029	0	748
510.0	2.0	1.9	16	160	145	0	104.4	112.4	2035	0	754
512.0	2.0	1.9	15	160	145	0	104.7	112.1	2035	0	758
514.0	2.0	1.9	13	161	147	0	105.2	113.0	2054	0	752
516.0	2.0	1.9	16	161	144	0	105.2	112.7	2074	0	758
518.0	2.0	1.9	14	161	147	0	105.4	113.6	2080	0	764
520.0	2.0	2.0	17	161	144	0	106.0	113.7	2083	0	769
522.0	2.0	2.0	15	160	150	0	106.2	113.8	2087	0	769
524.0	2.0	2.0	14	160	145	0	106.1	111.2	2056	0	767
526.0	2.0	2.0	25	160	135	0	106.3	111.4	2061	0	772
	308										
528.0	2.0	2.0	24	160	135	0	106.6	110.9	2071	0	778
530.0	2.0	2.0	26	160	134	0	107.3	111.4	2077	0	783
532.0	2.0	2.0	19	161	142	0	103.8	110.7	2013	0	782
534.0	2.0	2.1	26	163	137	0	93.0	109.5	1828	0	782
536.0	2.0	2.1	28	163	135	0	93.7	110.0	1829	0	787
538.0	2.0	2.1	31	163	132	0	93.3	109.7	1833	0	793
540.0	2.0	2.1	27	163	136	0	94.1	109.8	1842	0	802
544.0	4.0	2.1	21	162	142	0	95.7	110.5	1884	0	808
546.0	2.0	2.1	28	162	134	0	98.5	110.8	1935	0	814
548.0	2.0	2.1	27	162	136	0	98.0	110.2	1936	0	821
	329										
550.0	2.0	2.2	22	162	140	0	98.5	111.7	1937	0	835
552.0	2.0	2.2	16	166	149	0	97.6	109.1	1896	0	840
554.0	2.0	2.2	27	166	139	0	99.8	108.2	1923	0	845
556.0	2.0	2.2	22	166	144	0	107.0	110.7	2071	0	851
558.0	2.0	2.2	30	166	136	0	107.0	110.2	2073	0	857
560.0	2.0	2.2	26	166	140	0	107.5	110.6	2080	0	863
562.0	2.0	2.3	24	166	142	0	107.5	110.3	2083	0	869
564.0	2.0	2.3	20	161	147	0	106.3	112.6	2097	0	865
566.0	2.0	2.3	25	161	137	0	105.6	112.4	2109	0	871
568.0	2.0	2.3	23	161	138	0	105.7	112.6	2106	0	876
	349										
570.0	2.0	2.3	23	161	139	0	105.9	112.8	2116	0	882
572.0	2.0	2.3	17	162	147	0	106.4	112.9	2123	0	882
574.0	2.0	2.3	22	163	141	0	107.0	112.9	2146	0	881
576.0	2.0	2.3	25	163	138	0	107.2	112.7	2155	0	885
578.0	2.0	2.3	26	163	136	0	107.2	113.0	2162	0	889
580.0	2.0	2.4	25	163	149	0	107.3	113.0	2156	0	890
582.0	2.0	2.4	25	163	139	0	105.7	113.7	2143	0	890
584.0	2.0	2.4	27	163	136	0	106.8	113.7	2152	0	893
586.0	2.0	2.4	22	163	141	0	106.5	113.8	2152	0	899
588.0	2.0	2.4	22	163	143	0	106.8	113.1	2160	0	904
	369										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
369											
590.0	2.0	2.4	24	166	145	0	105.3	113.1	2111	0	900
592.0	2.0	2.4	24	166	142	0	104.6	112.7	2102	0	905
594.0	2.0	2.5	30	166	137	0	104.3	112.6	2114	0	911
596.0	2.0	2.5	32	166	134	0	105.3	112.3	2114	0	917
598.0	2.0	2.5	27	165	139	0	104.9	112.8	2117	0	917
600.0	2.0	2.5	25	164	139	0	105.7	112.8	2137	0	917
602.0	2.0	2.5	26	164	139	0	106.2	112.8	2148	0	922
604.0	2.0	2.6	26	164	138	0	106.0	113.0	2145	0	928
606.0	2.0	2.6	26	164	138	0	105.6	112.6	2146	0	934
608.0	2.0	2.6	25	164	140	0	105.9	113.3	2151	0	940
389											
610.0	2.0	2.6	23	166	143	0	106.7	111.9	2126	0	928
612.0	2.0	2.6	29	166	137	0	107.3	110.8	2131	0	932
614.0	2.0	2.7	28	166	138	0	107.8	110.7	2136	0	935
616.0	2.0	2.7	26	166	139	0	108.3	110.3	2138	0	939
618.0	2.0	2.7	28	166	138	0	108.2	110.9	2139	0	943
620.0	2.0	2.7	24	164	140	0	106.1	113.1	2141	0	953
622.0	2.0	2.7	26	164	138	0	106.5	113.0	2144	0	960
624.0	2.0	2.7	25	164	139	0	106.0	112.3	2140	0	966
626.0	2.0	2.8	22	164	142	0	106.4	112.6	2141	0	972
628.0	2.0	2.8	24	164	138	0	107.2	113.0	2160	0	965
409											
630.0	2.0	2.8	20	164	141	0	110.5	112.7	2236	0	958
632.0	2.0	2.8	20	164	139	0	110.8	113.4	2244	0	964
634.0	2.0	2.8	20	164	140	0	111.5	113.0	2250	0	971
636.0	2.0	2.9	20	167	143	0	111.3	113.1	2244	0	976
638.0	2.0	2.9	28	167	139	0	108.6	112.6	2177	0	982
640.0	2.0	2.9	35	167	132	0	109.7	113.0	2178	0	988
642.0	2.0	2.9	35	167	132	0	109.3	112.6	2175	0	994
644.0	2.0	2.9	36	167	131	0	109.6	113.4	2174	0	1000
646.0	2.0	3.0	31	167	136	0	107.5	112.7	2130	0	999
648.0	2.0	3.0	34	167	133	0	96.2	111.9	1939	0	1001
429											
650.0	2.0	3.0	37	167	131	0	95.6	111.9	1933	0	1007
652.0	2.0	3.0	35	167	132	0	96.3	111.6	1942	0	1013
654.0	2.0	3.0	36	167	132	0	96.5	111.7	1950	0	1019
656.0	2.0	3.0	27	168	141	0	97.9	111.1	1977	0	1022
658.0	2.0	3.0	40	168	129	0	110.5	116.7	2287	0	1024
660.0	2.0	3.1	39	168	129	0	110.0	116.7	2288	0	1028
662.0	2.0	3.1	41	168	127	0	110.1	116.5	2297	0	1032
664.0	2.0	3.1	40	168	128	0	110.5	116.9	2305	0	1035
666.0	2.0	3.1	32	168	136	0	109.4	115.8	2255	0	1037
668.0	2.0	3.1	35	168	134	0	106.3	112.6	2156	0	1039
449											
670.0	2.0	3.1	33	168	136	0	106.1	112.5	2158	0	1041
672.0	2.0	3.2	36	168	132	0	106.5	112.7	2164	0	1044
674.0	2.0	3.2	30	168	139	0	106.8	112.8	2182	0	1048
678.0	4.0	3.2	33	168	134	0	107.8	114.1	2227	0	1053
680.0	2.0	3.2	35	168	133	0	108.2	114.1	2222	0	1057
682.0	2.0	3.2	34	168	134	0	108.2	113.8	2227	0	1060
684.0	2.0	3.3	32	168	136	0	108.6	114.5	2235	0	1065
686.0	2.0	3.3	28	170	141	0	107.8	113.0	2189	0	1064
688.0	2.0	3.3	29	170	142	0	107.2	111.6	2163	0	1068
690.0	2.0	3.3	31	170	139	0	107.6	112.3	2156	0	1071
470											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
470											
692.0	2.0	3.3	30	170	140	0	107.5	111.9	2165	0	1077
694.0	2.0	3.3	31	170	139	0	107.8	112.6	2181	0	1075
696.0	2.0	3.4	31	170	139	0	108.2	113.2	2207	0	1079
698.0	2.0	3.4	34	170	136	0	108.1	113.4	2207	0	1082
700.0	2.0	3.4	34	170	136	0	108.4	113.3	2210	0	1085
702.0	2.0	3.4	34	170	136	0	108.9	113.3	2213	0	1091
704.0	2.0	3.4	30	169	140	0	108.2	113.7	2215	0	1100
706.0	2.0	3.4	32	169	137	0	107.8	114.4	2213	0	1095
708.0	2.0	3.5	34	169	135	0	107.8	114.2	2217	0	1097
710.0	2.0	3.5	32	169	137	0	108.3	114.1	2220	0	1103
490											
712.0	2.0	3.5	34	169	135	0	108.5	113.8	2228	0	1117
714.0	2.0	3.5	25	169	144	0	108.7	113.1	2205	0	1105
716.0	2.0	3.6	31	169	138	0	108.2	112.5	2195	0	1106
718.0	2.0	3.6	34	169	135	0	107.9	112.1	2192	0	1111
720.0	2.0	3.6	33	169	136	0	108.4	112.2	2194	0	1117
722.0	2.0	3.6	31	171	138	0	108.4	112.2	2197	0	1118
724.0	2.0	3.6	33	172	139	0	109.0	114.1	2223	0	1119
726.0	2.0	3.7	33	172	139	0	109.0	113.8	2230	0	1122
728.0	2.0	3.7	40	172	132	0	109.1	114.2	2227	0	1128
730.0	2.0	3.7	40	172	133	0	108.5	113.9	2222	0	1134
510											
732.0	2.0	3.7	37	168	135	0	109.3	113.7	2226	0	1138
734.0	2.0	3.7	30	163	134	0	108.0	112.9	2213	0	1140
736.0	2.0	3.8	26	163	137	0	109.2	113.0	2229	0	1143
738.0	2.0	3.8	31	163	132	0	109.4	112.6	2229	0	1148
740.0	2.0	3.8	30	163	133	0	109.3	113.0	2233	0	1154
742.0	2.0	3.8	31	168	136	0	108.1	112.7	2210	0	1157
744.0	2.0	3.8	40	172	133	0	107.1	111.2	2171	0	1159
746.0	2.0	3.9	39	172	133	0	107.0	111.7	2169	0	1163
748.0	2.0	3.9	39	172	133	0	106.9	111.6	2173	0	1169
750.0	2.0	3.9	41	172	131	0	107.3	111.2	2174	0	1176
530											
752.0	2.0	3.9	38	173	134	0	107.0	111.3	2179	0	1180
754.0	2.0	3.9	40	173	133	0	107.5	112.1	2176	0	1181
756.0	2.0	4.0	39	173	135	0	106.4	111.5	2145	0	1185
758.0	2.0	4.0	40	173	133	0	105.9	111.2	2170	0	1188
760.0	2.0	4.0	35	173	138	0	110.5	115.4	2290	0	1193
762.0	2.0	4.0	37	173	136	0	107.7	109.1	2122	0	1199
764.0	2.0	4.0	39	173	134	0	107.7	109.1	2128	0	1202
766.0	2.0	4.1	36	173	137	0	107.1	108.9	2117	0	1206
768.0	2.0	4.1	38	173	134	0	106.9	108.8	2121	0	1209
772.0	4.0	4.1	37	172	136	0	109.4	110.6	2199	0	1212
551											
774.0	2.0	4.1	39	172	133	0	112.0	112.5	2276	0	1215
776.0	2.0	4.2	38	172	134	0	112.3	112.3	2278	0	1218
778.0	2.0	4.2	39	172	134	0	112.1	112.0	2272	0	1222
780.0	2.0	4.2	37	173	136	0	111.3	112.4	2257	0	1223
782.0	2.0	4.3	38	174	135	0	107.7	113.8	2222	0	1222
784.0	2.0	4.3	38	174	135	0	107.7	113.2	2200	0	1225
786.0	2.0	4.3	39	174	135	0	110.1	110.2	2196	0	1230
788.0	2.0	4.4	38	174	136	0	110.0	109.4	2188	0	1236
790.0	2.0	4.4	35	175	139	0	109.6	108.8	2165	0	1233
792.0	2.0	4.4	41	180	138	0	109.9	108.9	2174	0	1236
570											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
570											
794.0	2.0	4.4	49	186	137	0	110.4	109.4	2183	0	1241
796.0	2.0	4.4	50	186	136	0	110.1	108.3	2186	0	1247
798.0	2.0	4.5	49	186	137	0	110.4	108.7	2182	0	1253
800.0	2.0	4.5	44	174	139	0	110.0	109.3	2190	0	1255
802.0	2.0	4.5	31	174	136	0	107.6	114.1	2233	0	1257
804.0	2.0	4.5	49	185	136	0	107.6	113.7	2233	0	1261
806.0	2.0	4.5	47	185	138	0	107.1	113.2	2229	0	1265
808.0	2.0	4.6	49	185	136	0	107.5	113.3	2231	0	1269
810.0	2.0	4.6	40	176	140	0	107.0	112.2	2200	0	1272
812.0	2.0	4.6	36	180	140	0	107.0	110.5	2172	0	1276
590											
814.0	2.0	4.6	50	186	136	0	107.5	110.1	2170	0	1278
816.0	2.0	4.7	49	186	137	0	107.4	109.7	2164	0	1280
818.0	2.0	4.7	49	186	137	0	107.5	110.0	2168	0	1284
820.0	2.0	4.7	43	178	137	0	106.5	109.7	2157	0	1284
822.0	2.0	4.7	40	178	137	0	105.7	110.4	2156	0	1287
824.0	2.0	4.7	37	178	140	0	105.5	110.1	2153	0	1291
826.0	2.0	4.8	39	178	139	0	105.6	110.6	2145	0	1294
828.0	2.0	4.8	39	179	139	0	106.5	111.7	2182	0	1296
830.0	2.0	4.9	42	179	137	0	106.7	112.1	2206	0	1298
832.0	2.0	4.9	39	179	141	0	106.0	111.9	2199	0	1301
610											
834.0	2.0	4.9	46	187	138	0	106.2	111.9	2210	0	1305
836.0	2.0	4.9	49	187	138	0	106.7	111.5	2216	0	1310
838.0	2.0	5.0	38	179	143	0	104.3	112.3	2211	0	1316
840.0	2.0	5.0	45	184	138	0	104.6	112.8	2194	0	1319
842.0	2.0	5.0	49	189	140	0	104.6	112.0	2199	0	1320
844.0	2.0	5.0	50	189	139	0	105.2	112.0	2183	0	1322
848.0	4.0	5.1	45	183	141	0	105.9	112.1	2193	0	1329
850.0	2.0	5.1	40	180	140	0	106.9	111.3	2196	0	1333
852.0	2.0	5.1	41	186	141	0	106.7	111.2	2191	0	1336
854.0	2.0	5.2	50	191	141	0	107.0	111.3	2196	0	1339
630											
856.0	2.0	5.2	52	191	139	0	107.0	111.0	2197	0	1344
858.0	2.0	5.2	48	192	144	0	109.1	112.1	2253	0	1344
860.0	2.0	5.2	47	192	145	0	112.3	114.7	2335	0	1344
862.0	2.0	5.3	47	192	145	0	112.2	114.3	2345	0	1349
868.0	6.0	5.3	42	172	144	0	111.8	117.3	2460	0	1358
870.0	2.0	5.3	47	193	146	0	111.2	116.5	2458	0	1364
872.0	2.0	5.4	48	193	145	0	113.0	107.3	2335	0	1368
874.0	2.0	5.4	50	193	143	0	112.6	110.2	2379	0	1371
875.0	1.0	5.4	50	193	143	0	112.1	114.0	2429	0	1373
NEW BIT ID: 3											
876.0	.0	.0	17	172	155	0	93.9	.0	2897	0	1344
652											
878.0	2.0	.1	14	172	158	0	94.5	.0	2932	0	1349
880.0	2.0	.1	17	173	155	0	94.4	.0	2936	0	1352
882.0	2.0	.1	21	174	153	0	94.6	.0	2961	0	1355
884.0	2.0	.1	21	174	154	0	95.4	.0	2981	0	1361
888.0	4.0	.2	21	174	153	0	93.7	.0	2910	0	1375
890.0	2.0	.3	22	176	154	0	94.7	.0	2960	0	1381
892.0	2.0	.3	23	177	155	0	92.3	.0	2827	0	1377

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	666										
894.0	2.0	.4	23	178	155	0	95.5	.0	2999	0	1374
896.0	2.0	.4	23	174	153	0	95.0	.0	2993	0	1380
898.0	2.0	.4	30	178	148	0	92.5	.0	2911	0	1387
900.0	2.0	.5	31	178	147	0	92.5	.0	2907	0	1394
902.0	2.0	.5	33	178	145	0	93.6	.0	2896	0	1400
904.0	2.0	.6	30	178	148	0	93.2	.0	2887	0	1407
906.0	2.0	.6	24	179	153	0	93.6	.0	2899	0	1411
908.0	2.0	.6	20	179	159	0	90.1	.0	2840	0	1413
910.0	2.0	.7	24	179	155	0	93.7	37.9	2942	0	1415
912.0	2.0	.8	25	179	154	0	93.7	106.9	2926	0	1417
	685										
914.0	2.0	.8	25	179	157	0	93.9	66.7	2930	0	1418
916.0	2.0	.8	24	178	155	0	94.0	22.9	2951	0	1421
918.0	2.0	.9	25	179	154	0	94.2	18.7	2973	0	1425
920.0	2.0	.9	26	179	153	0	94.2	.0	2988	0	1431
922.0	2.0	1.0	28	179	151	0	94.0	.0	2974	0	1437
924.0	2.0	1.0	30	179	149	0	94.0	.0	2982	0	1443
926.0	2.0	1.0	26	172	149	0	94.3	.0	2997	0	1441
928.0	2.0	1.1	22	176	151	0	93.4	.0	2958	0	1446
930.0	2.0	1.1	33	180	147	0	93.4	.0	2954	0	1452
932.0	2.0	1.1	32	180	148	0	93.3	.0	2958	0	1458
	705										
934.0	2.0	1.2	33	180	147	0	93.4	.0	2953	0	1463
936.0	2.0	1.2	29	177	149	0	93.2	.0	2948	0	1460
938.0	2.0	1.3	29	180	151	0	94.0	.0	2986	0	1463
940.0	2.0	1.3	29	180	151	0	93.8	.0	2976	0	1468
942.0	2.0	1.3	29	180	151	0	93.5	.0	2975	0	1474
944.0	2.0	1.4	29	180	151	0	93.8	.0	2975	0	1480
946.0	2.0	1.4	29	174	153	0	93.8	.0	2957	0	1477
948.0	2.0	1.4	29	177	152	0	93.3	.0	2944	0	1480
950.0	2.0	1.5	28	181	153	0	93.2	51.0	2938	0	1484
952.0	2.0	1.5	28	181	153	0	93.1	105.6	2943	0	1489
	725										
954.0	2.0	1.5	28	181	153	0	93.2	105.7	2940	0	1495
956.0	2.0	1.6	27	178	151	0	95.2	40.4	3061	0	1493
958.0	2.0	1.6	33	182	149	0	95.1	.0	3066	0	1496
960.0	2.0	1.6	36	182	146	0	94.8	.0	3060	0	1498
962.0	2.0	1.7	37	182	145	0	94.7	.0	3062	0	1505
964.0	2.0	1.7	38	183	144	0	96.5	.0	3066	0	1509
966.0	2.0	1.7	39	183	144	0	94.4	.0	3049	0	1512
968.0	2.0	1.8	39	183	144	0	93.2	.0	2991	0	1516
970.0	2.0	1.8	40	183	143	0	93.5	.0	2987	0	1519
972.0	2.0	1.8	39	183	144	0	93.2	.0	2977	0	1523
	745										
974.0	2.0	1.9	37	174	147	0	93.0	.0	2951	0	1525
976.0	2.0	1.9	37	174	148	0	92.7	.0	2938	0	1531
978.0	2.0	1.9	37	174	146	0	92.7	.0	2929	0	1535
980.0	2.0	1.9	37	174	147	0	92.7	.0	2917	0	1539
982.0	2.0	2.0	37	174	146	0	93.1	.0	2907	0	1542
984.0	2.0	2.0	37	184	146	0	93.9	.0	2948	0	1529
986.0	2.0	2.1	39	184	145	0	96.7	.0	3075	0	1535
988.0	2.0	2.1	38	184	146	0	96.1	.0	3058	0	1541
990.0	2.0	2.1	40	184	144	0	95.7	.0	3056	0	1544
992.0	2.0	2.1	39	184	145	0	96.0	.0	3054	0	1547
	765										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
765											
994.0	2.0	2.2	37	180	149	0	92.4	.0	2842	0	1544
996.0	2.0	2.2	39	184	145	0	96.1	.0	3063	0	1550
998.0	2.0	2.2	39	184	145	0	96.1	.0	3066	0	1556
1000.0	2.0	2.3	38	184	146	0	96.1	.0	3053	0	1563
1002.0	2.0	2.3	38	184	146	0	95.9	.0	3049	0	1569
1004.0	2.0	2.3	36	184	148	0	95.3	.0	3034	0	1571
1006.0	2.0	2.4	38	184	146	0	95.2	.0	3010	0	1575
1008.0	2.0	2.4	36	184	148	0	95.0	.0	2992	0	1578
1010.0	2.0	2.4	35	184	149	0	94.9	.0	2975	0	1581
1014.0	4.0	2.5	34	165	149	0	94.7	.0	2989	0	1590
785											
1016.0	2.0	2.5	34	185	151	0	95.0	.0	3004	0	1593
1018.0	2.0	2.6	35	185	150	0	97.2	.0	3040	0	1594
1020.0	2.0	2.6	35	185	150	0	96.9	.0	3015	0	1596
1022.0	2.0	2.6	31	177	148	0	95.8	67.2	3057	0	1595
1024.0	2.0	2.7	37	185	148	0	95.0	83.6	3075	0	1599
1026.0	2.0	2.7	40	185	145	0	95.2	78.0	3078	0	1602
1028.0	2.0	2.7	39	185	146	0	94.5	77.7	3047	0	1607
1030.0	2.0	2.8	34	186	151	0	94.5	73.6	3031	0	1609
1032.0	2.0	2.8	38	185	147	0	95.1	54.2	3077	0	1609
1034.0	2.0	2.9	37	185	148	0	95.0	31.9	3065	0	1612
805											
1036.0	2.0	2.9	38	185	147	0	94.9	.0	3061	0	1616
1038.0	2.0	2.9	33	185	152	0	94.8	.0	3045	0	1622
1040.0	2.0	3.0	35	180	148	0	93.7	.0	2981	0	1627
1042.0	2.0	3.0	38	185	146	0	94.0	.0	2991	0	1630
1044.0	2.0	3.0	39	185	146	0	94.3	.0	3003	0	1631
1046.0	2.0	3.1	39	185	146	0	94.2	.0	2992	0	1634
1048.0	2.0	3.1	38	185	147	0	94.2	.0	2984	0	1639
1050.0	2.0	3.2	34	175	146	0	94.3	.0	2983	0	1639
1052.0	2.0	3.2	37	180	144	0	94.9	.0	3043	0	1642
1054.0	2.0	3.3	42	185	143	0	96.0	.0	3043	0	1645
824											
1056.0	2.0	3.3	42	185	143	0	94.7	.0	3062	0	1649
1058.0	2.0	3.4	41	185	144	0	95.1	.0	3047	0	1655
1060.0	2.0	3.4	34	182	147	0	93.6	.0	2940	0	1652
1062.0	2.0	3.5	42	186	144	0	90.3	.0	2795	0	1656
1064.0	2.0	3.5	42	186	144	0	90.6	.0	2799	0	1660
1066.0	2.0	3.5	38	186	148	0	90.5	.0	2794	0	1666
1068.0	2.0	3.6	36	186	150	0	90.9	.0	2810	0	1667
1070.0	2.0	3.7	39	186	147	0	91.5	15.6	2847	0	1666
1072.0	2.0	3.7	42	186	144	0	94.3	81.3	2843	0	1668
1074.0	2.0	3.8	45	186	141	0	91.5	85.5	2825	0	1674
844											
1076.0	2.0	3.8	44	186	142	0	91.4	85.2	2818	0	1679
1078.0	2.0	3.9	43	177	143	0	91.1	.0	2815	0	1678
1080.0	2.0	3.9	38	177	143	0	90.4	.0	2723	0	1681
1082.0	2.0	3.9	40	186	146	0	89.5	.0	2728	0	1686
1084.0	2.0	4.0	38	186	148	0	92.0	.0	2838	0	1691
1086.0	2.0	4.0	34	186	152	0	92.6	.0	2924	0	1697
1088.0	2.0	4.0	34	186	152	0	92.8	.0	2932	0	1703
1090.0	2.0	4.1	38	187	148	0	91.6	.0	2895	0	1702
1092.0	2.0	4.1	42	187	145	0	91.1	.0	2882	0	1705
1094.0	2.0	4.2	43	187	144	0	91.0	.0	2887	0	1709
863											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	863										
1096.0	2.0	4.2	42	187	145	0	91.4	.0	2886	0	1714
1098.0	2.0	4.3	38	187	149	0	91.8	.0	2891	0	1715
1100.0	2.0	4.3	38	187	149	0	91.2	.0	2887	0	1714
1102.0	2.0	4.4	38	187	149	0	92.9	.0	2901	0	1716
1104.0	2.0	4.4	37	187	150	0	92.7	.0	2810	0	1721
1106.0	2.0	4.5	34	187	153	0	90.5	.0	2792	0	1727
1108.0	2.0	4.6	31	187	156	0	90.1	.0	2802	0	1724
1110.0	2.0	4.6	37	188	151	0	91.2	.0	2863	0	1725
1112.0	2.0	4.7	38	188	150	0	90.9	.0	2863	0	1730
1114.0	2.0	4.7	39	188	149	0	91.0	.0	2871	0	1735
	883										
1116.0	2.0	4.8	39	188	149	0	91.0	.0	2863	0	1737
1118.0	2.0	4.9	36	189	152	0	90.1	45.9	2815	0	1735
1120.0	2.0	4.9	36	189	153	0	95.1	83.4	2856	0	1740
1122.0	2.0	5.0	36	189	153	0	90.7	83.2	2851	0	1745
1124.0	2.0	5.1	36	189	153	0	90.8	41.8	2853	0	1749
1126.0	2.0	5.1	37	186	154	0	91.2	.0	2869	0	1751
1128.0	2.0	5.2	37	183	154	0	89.1	.0	2764	0	1753
1130.0	2.0	5.2	37	186	154	0	91.5	.0	2872	0	1757
1132.0	2.0	5.3	37	189	153	0	91.6	.0	2887	0	1762
1134.0	2.0	5.4	37	189	152	0	94.2	.0	2870	0	1766
	903										
1136.0	2.0	5.4	37	186	154	0	89.7	22.4	2846	0	1766
1138.0	2.0	5.5	39	183	153	0	.0	90.4	2793	0	1767
1140.0	2.0	5.5	39	187	155	0	.0	90.7	2799	0	1773
1142.0	2.0	5.6	39	191	151	0	.0	90.7	2797	0	1777
1144.0	2.0	5.7	40	192	152	0	.0	91.4	2854	0	1780
1146.0	2.0	5.8	39	192	153	0	.0	91.4	2889	0	1779
1148.0	2.0	5.8	38	192	154	0	.0	91.5	2856	0	1783
1150.0	2.0	5.9	38	192	154	0	.0	91.0	2839	0	1789
1152.0	2.0	6.0	38	192	154	0	.0	91.3	2837	0	1793
1154.0	2.0	6.0	40	185	151	0	8.8	91.8	2887	0	1792
	923										
1156.0	2.0	6.1	39	178	143	0	6.4	93.2	2963	0	1793
1158.0	2.0	6.2	39	178	147	0	.0	93.3	2946	0	1799
1160.0	2.0	6.2	46	192	146	0	.0	92.7	2912	0	1803
1162.0	2.0	6.3	46	192	146	0	1.6	92.8	2914	0	1806
1164.0	2.0	6.4	43	188	148	0	.5	93.1	2921	0	1806
1166.0	2.0	6.4	40	185	150	0	7.5	90.8	2824	0	1810
1168.0	2.0	6.5	40	185	151	0	88.1	90.2	2774	0	1816
1170.0	2.0	6.6	40	192	151	0	115.1	90.4	2783	0	1820
1172.0	2.0	6.7	40	192	152	0	67.8	90.7	2804	0	1823
1174.0	2.0	6.7	39	188	152	0	.0	90.5	2789	0	1825
	943										
1176.0	2.0	6.8	36	193	152	0	.0	90.6	2817	0	1829
1178.0	2.0	6.8	39	193	154	0	.0	91.4	2840	0	1834
1180.0	2.0	6.9	39	193	154	0	.0	91.4	2839	0	1837
1182.0	2.0	7.0	39	193	154	0	.0	87.1	2832	0	1840
1184.0	2.0	7.0	39	193	154	0	.0	86.8	2730	0	1839
1186.0	2.0	7.1	39	193	154	0	.0	92.3	2890	0	1842
1188.0	2.0	7.2	38	193	155	0	.0	91.7	2878	0	1848
1190.0	2.0	7.2	38	193	155	0	.0	91.7	2880	0	1852
1192.0	2.0	7.3	39	193	154	0	.0	91.8	2872	0	1854
1194.0	2.0	7.4	35	190	155	0	.0	92.6	2892	0	1852
	962										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	962										
1196.0	2.0	7.5	40	194	154	0	.0	91.3	2820	0	1856
1198.0	2.0	7.6	39	194	155	0	.0	90.9	2809	0	1859
1200.0	2.0	7.7	39	194	155	0	.0	91.6	2829	0	1861
1202.0	2.0	7.7	38	194	156	0	.0	90.8	2824	0	1864
1204.0	2.0	7.8	34	187	156	0	.0	91.7	2866	0	1866
1206.0	2.0	7.9	34	187	153	0	.0	91.9	2864	0	1872
1208.0	2.0	8.0	36	187	151	0	.0	91.4	2845	0	1876
1210.0	2.0	8.0	36	187	151	0	.0	91.9	2842	0	1879
1212.0	2.0	8.1	39	191	150	0	.0	91.7	2848	0	1883
1214.0	2.0	8.2	39	192	153	0	48.4	91.4	2834	0	1884
	982										
1216.0	2.0	8.3	43	195	152	0	87.4	92.5	2878	0	1888
1218.0	2.0	8.4	47	195	148	0	55.6	92.0	2882	0	1891
1220.0	2.0	8.5	49	195	146	0	.0	91.9	2877	0	1893
1222.0	2.0	8.5	49	191	146	0	.0	92.6	2873	0	1893
1224.0	2.0	8.6	41	188	146	0	.0	91.6	2834	0	1896
1226.0	2.0	8.7	40	188	147	0	.0	91.8	2849	0	1900
1228.0	2.0	8.8	38	188	150	0	.0	91.4	2843	0	1904
1230.0	2.0	8.9	38	188	150	0	.0	91.8	2857	0	1907
1232.0	2.0	8.9	41	193	150	0	.0	92.1	2850	0	1910
1234.0	2.0	9.0	49	198	149	0	.0	91.2	2817	0	1913
	1002										
1236.0	2.0	9.1	49	198	149	0	.0	91.5	2803	0	1918
1238.0	2.0	9.2	48	198	150	0	.0	91.8	2855	0	1921
1240.0	2.0	9.2	47	198	151	0	.0	93.0	2886	0	1925
1242.0	2.0	9.3	46	198	152	0	.0	92.2	2869	0	1924
1244.0	2.0	9.4	47	200	152	0	.0	91.8	2855	0	1930
1246.0	2.0	9.5	48	200	152	0	.0	92.5	2869	0	1934
1248.0	2.0	9.6	47	200	153	0	.0	92.6	2875	0	1936
1250.0	2.0	9.6	46	200	154	0	.0	91.5	2865	0	1939
1252.0	2.0	9.7	48	200	152	0	.0	92.6	2867	0	1940
1254.0	2.0	9.8	48	200	152	0	.0	92.3	2868	0	1943
	1022										
1256.0	2.0	9.9	48	200	152	0	.0	92.3	2864	0	1947
1258.0	2.0	10.0	49	200	151	0	.0	92.3	2864	0	1950
1260.0	2.0	10.1	46	197	154	0	.0	91.9	2858	0	1952
1262.0	2.0	10.1	42	194	152	0	64.8	92.1	2870	0	1955
1264.0	2.0	10.2	42	194	152	0	85.9	91.9	2823	0	1960
1266.0	2.0	10.3	42	194	152	0	73.9	91.9	2841	0	1964
1268.0	2.0	10.4	41	194	153	0	54.7	92.0	2845	0	1967
1270.0	2.0	10.5	48	204	153	0	45.3	92.3	2863	0	1971
1272.0	2.0	10.5	50	154	152	0	.0	93.2	2893	0	1973
1274.0	2.0	10.6	50	204	152	0	.0	91.7	2842	0	1978
	1042										
1276.0	2.0	10.7	52	204	152	0	.0	92.1	2850	0	1982
1278.0	2.0	10.8	53	204	151	0	.0	92.1	2847	0	1986
1280.0	2.0	10.8	52	204	152	0	.0	92.2	2842	0	1988
1282.0	2.0	10.9	53	204	151	0	.0	91.9	2837	0	1988
1284.0	2.0	11.0	54	204	150	0	.0	92.4	2857	0	1990
1286.0	2.0	11.1	51	204	153	0	.0	92.2	2849	0	1988
1288.0	2.0	11.2	53	203	151	0	.0	92.2	2865	0	1986
1290.0	2.0	11.3	50	197	149	0	.0	92.4	2881	0	1980
1292.0	2.0	11.4	54	201	147	0	.0	92.3	2878	0	1982
1294.0	2.0	11.5	49	199	150	0	.0	92.2	2867	0	1984
	1062										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	1062										
1296.0	2.0	11.6	48	200	151	0	.0	92.1	2857	0	1987
1298.0	2.0	11.6	49	197	151	0	.0	92.2	2858	0	1990
1300.0	2.0	11.7	48	201	151	0	.0	93.2	2914	0	1993
1302.0	2.0	11.8	50	201	151	0	.0	93.4	2907	0	1998
1304.0	2.0	11.9	49	201	152	0	.0	95.4	2902	0	2002
1306.0	2.0	12.0	49	201	152	0	.0	99.2	2898	0	2005
1308.0	2.0	12.1	48	201	152	0	.2	99.3	2917	0	2008
1310.0	2.0	12.2	52	201	149	0	104.5	98.6	2943	0	2011
1312.0	2.0	12.3	50	201	151	0	109.8	98.6	2928	0	2012
1314.0	2.0	12.4	49	201	152	0	.0	98.9	2903	0	2014
	1082										
1316.0	2.0	12.5	48	201	153	0	.0	98.5	2896	0	2016
1318.0	2.0	12.6	48	199	154	0	.0	99.1	2908	0	2018
1320.0	2.0	12.7	49	203	154	0	.0	99.2	2896	0	2021
1322.0	2.0	12.8	49	203	154	0	.0	99.1	2886	0	2024
1324.0	2.0	12.9	48	203	155	0	.0	98.8	2878	0	2027
1326.0	2.0	13.0	48	203	155	0	.0	98.8	2875	0	2029
1328.0	2.0	13.1	47	204	155	0	.0	99.3	2903	0	2032
1330.0	2.0	13.2	50	204	154	0	.0	99.0	2892	0	2036
1332.0	2.0	13.3	52	204	152	0	.0	99.1	2909	0	2039
1334.0	2.0	13.4	53	204	151	0	.0	98.9	2919	0	2042
	1102										
1336.0	2.0	13.5	52	204	152	0	.0	98.8	2903	0	2045
1338.0	2.0	13.6	49	204	155	0	.0	99.2	2913	0	2048
1340.0	2.0	13.7	50	204	154	0	.0	99.3	2897	0	2052
1342.0	2.0	13.8	49	204	155	0	.0	98.9	2887	0	2054
1344.0	2.0	13.9	49	204	155	0	.0	97.2	2889	0	2057
1346.0	2.0	14.0	45	200	156	0	.0	96.5	2904	0	2061
1348.0	2.0	14.1	48	204	155	0	.0	96.1	2875	0	2063
1350.0	2.0	14.2	48	204	156	0	.0	95.3	2825	0	2066
1352.0	2.0	14.4	48	204	156	0	.0	95.5	2825	0	2069
1354.0	2.0	14.5	48	204	156	0	.1	95.3	2820	0	2071
	1122										
1356.0	2.0	14.6	47	202	156	0	34.7	96.5	2899	0	2073
1358.0	2.0	14.7	49	205	156	0	106.8	96.9	2928	0	2077
1360.0	2.0	14.8	49	205	156	0	93.2	96.9	2927	0	2080
1362.0	2.0	14.9	49	205	156	0	.0	97.5	2927	0	2084
1364.0	2.0	15.0	48	205	157	0	.0	97.0	2928	0	2087
1366.0	2.0	15.1	45	200	156	0	.0	96.6	2891	0	2093
1368.0	2.0	15.2	46	203	156	0	.0	96.3	2877	0	2096
1370.0	2.0	15.3	49	205	156	0	.0	96.3	2868	0	2099
1372.0	2.0	15.4	49	205	156	0	.0	96.1	2871	0	2102
1374.0	2.0	15.5	49	205	156	0	.0	96.0	2875	0	2105
	1141										
1376.0	2.0	15.6	47	203	157	0	.0	96.4	2891	0	2106
1378.0	2.0	15.7	48	206	158	0	.0	96.5	2890	0	2108
1380.0	2.0	15.8	48	206	158	0	.0	96.1	2885	0	2111
1382.0	2.0	16.0	48	206	158	0	.0	91.2	2893	0	2114
1384.0	2.0	16.1	48	206	158	0	.0	90.9	2888	0	2117
1386.0	2.0	16.2	48	206	157	0	.0	91.7	2932	0	2119
1388.0	2.0	16.3	48	206	158	0	.0	91.9	2928	0	2121
1390.0	2.0	16.5	48	206	158	0	.0	91.8	2925	0	2124
1392.0	2.0	16.6	48	206	158	0	.0	91.6	2929	0	2127
1394.0	2.0	16.7	46	206	158	0	.0	91.5	2930	0	2130
	1161										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1161											
1396.0	2.0	16.8	51	206	155	0	.0	91.3	2952	0	2133
1398.0	2.0	16.9	50	206	156	0	.0	91.2	2937	0	2137
1400.0	2.0	17.1	50	206	156	0	.0	91.3	2933	0	2140
1402.0	2.0	17.2	50	206	156	0	.0	91.5	2927	0	2144
1404.0	2.0	17.3	48	199	158	0	1.9	90.8	2904	0	2147
1406.0	2.0	17.4	49	199	160	0	96.2	90.4	2887	0	2150
1408.0	2.0	17.5	49	199	159	0	96.7	90.8	2890	0	2152
1410.0	2.0	17.7	49	203	160	0	.0	90.7	2898	0	2155
1412.0	2.0	17.8	49	207	158	0	.0	90.6	2886	0	2159
1414.0	2.0	17.9	47	204	159	0	.0	91.3	2929	0	2162
1181											
1416.0	2.0	18.0	47	207	160	0	.0	91.9	2963	0	2165
1418.0	2.0	18.1	47	207	160	0	.0	91.9	2965	0	2168
1420.0	2.0	18.2	49	207	158	0	.0	91.9	2954	0	2171
1421.0	1.0	18.3	49	207	158	0	.0	91.5	2950	0	2173
NEW BIT ID: 4											
1424.0	.0	.1	26	208	185	0	.0	93.7	2778	0	2161
1426.0	2.0	.2	30	208	178	0	.0	93.3	2750	0	2167
1428.0	2.0	.3	34	208	174	0	.0	93.9	2785	0	2174
1430.0	2.0	.4	34	208	174	0	.0	93.7	2770	0	2180
1432.0	2.0	.5	34	208	174	0	.0	93.7	2759	0	2187
1434.0	2.0	.6	40	208	168	0	.0	92.3	2631	0	2193
1204											
1436.0	2.0	.6	44	208	164	0	.0	94.3	2787	0	2198
1438.0	2.0	.7	45	208	163	0	.0	94.4	2781	0	2202
1440.0	2.0	.8	44	208	164	0	.0	93.9	2766	0	2206
1442.0	2.0	.9	44	207	164	0	.0	93.5	2759	0	2209
1444.0	2.0	.9	43	207	163	0	.0	94.5	2803	0	2212
1446.0	2.0	1.0	48	212	164	0	.0	94.4	2803	0	2218
1448.0	2.0	1.1	49	212	163	0	.0	94.4	2795	0	2224
1450.0	2.0	1.1	50	212	162	0	.0	94.5	2793	0	2229
1452.0	2.0	1.2	47	213	165	0	.0	94.0	2784	0	2230
1454.0	2.0	1.3	49	212	164	0	43.9	93.8	2771	0	2231
1224											
1456.0	2.0	1.4	50	211	161	0	88.5	93.2	2771	0	2234
1458.0	2.0	1.4	51	211	160	0	89.0	93.3	2773	0	2239
1460.0	2.0	1.5	52	211	159	0	89.7	93.0	2775	0	2243
1462.0	2.0	1.6	51	211	160	0	.0	94.5	2844	0	2242
1464.0	2.0	1.6	49	210	161	0	.0	94.3	2852	0	2245
1466.0	2.0	1.7	49	210	161	0	.0	94.0	2840	0	2249
1468.0	2.0	1.7	49	210	161	0	.0	94.0	2831	0	2255
1470.0	2.0	1.8	50	210	160	0	.0	93.8	2825	0	2260
1472.0	2.0	1.9	49	210	161	0	.0	93.7	2825	0	2261
1474.0	2.0	1.9	49	210	161	0	.0	94.0	2828	0	2265
1244											
1476.0	2.0	2.0	49	210	161	0	.0	94.0	2819	0	2269
1478.0	2.0	2.0	50	210	160	0	.0	94.0	2817	0	2275
1480.0	2.0	2.1	46	208	163	0	.0	93.9	2801	0	2279
1482.0	2.0	2.2	47	211	163	0	.0	94.1	2823	0	2281
1484.0	2.0	2.2	48	211	163	0	.0	94.2	2835	0	2285
1486.0	2.0	2.3	48	211	163	0	.0	94.4	2833	0	2288
1488.0	2.0	2.3	48	211	163	0	.0	94.0	2828	0	2292

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	1258										
1490.0	2.0	2.4	46	211	165	0	.0	94.5	2834	0	2296
1492.0	2.0	2.5	48	211	162	0	.0	94.7	2843	0	2298
1494.0	2.0	2.5	50	211	161	0	.0	93.4	2807	0	2301
1496.0	2.0	2.6	51	211	160	0	.0	93.7	2813	0	2304
1498.0	2.0	2.6	53	211	158	0	.0	93.7	2817	0	2308
1500.0	2.0	2.7	49	212	163	0	.0	94.7	2851	0	2308
1502.0	2.0	2.8	49	212	163	0	77.6	93.9	2810	0	2311
1504.0	2.0	2.8	48	212	164	0	82.7	93.5	2783	0	2313
1506.0	2.0	2.9	49	212	163	0	82.4	93.4	2779	0	2316
1508.0	2.0	3.0	47	212	165	0	.0	93.8	2781	0	2321
	1278										
1510.0	2.0	3.0	46	212	165	0	.0	94.1	2819	0	2321
1512.0	2.0	3.1	47	212	165	0	.0	94.5	2824	0	2324
1514.0	2.0	3.2	46	212	166	0	.0	94.2	2817	0	2327
1516.0	2.0	3.2	46	212	166	0	.0	94.0	2812	0	2331
1518.0	2.0	3.3	45	213	167	0	.0	94.5	2817	0	2335
1520.0	2.0	3.3	47	213	166	0	.0	93.7	2804	0	2338
1522.0	2.0	3.4	48	213	165	0	.0	93.8	2789	0	2341
1524.0	2.0	3.5	46	213	167	0	.0	93.9	2791	0	2345
1526.0	2.0	3.5	47	213	166	0	.0	93.6	2785	0	2348
1528.0	2.0	3.6	48	213	165	0	.1	93.9	2793	0	2351
	1298										
1530.0	2.0	3.7	49	213	164	0	78.1	93.6	2793	0	2352
1532.0	2.0	3.7	51	213	162	0	84.3	93.6	2801	0	2356
1534.0	2.0	3.8	54	213	159	0	84.5	93.6	2806	0	2359
1536.0	2.0	3.8	54	213	159	0	85.8	93.5	2801	0	2364
1538.0	2.0	3.9	51	213	162	0	84.2	95.3	2877	0	2367
1540.0	2.0	4.0	50	213	163	0	.0	96.3	2934	0	2368
1542.0	2.0	4.0	50	213	163	0	.0	95.2	2873	0	2370
1544.0	2.0	4.1	51	213	162	0	.0	95.5	2878	0	2373
1546.0	2.0	4.2	51	213	162	0	.0	95.1	2874	0	2379
1548.0	2.0	4.2	47	214	167	0	.0	94.0	2815	0	2380
	1317										
1550.0	2.0	4.3	46	214	168	0	.0	93.8	2791	0	2383
1552.0	2.0	4.3	47	214	167	0	.0	93.6	2786	0	2386
1554.0	2.0	4.4	47	214	167	0	.0	93.8	2788	0	2391
1556.0	2.0	4.5	47	214	167	0	.0	93.9	2793	0	2396
1558.0	2.0	4.5	46	214	168	0	.0	94.6	2826	0	2396
1560.0	2.0	4.6	46	214	168	0	.0	93.3	2754	0	2400
1562.0	2.0	4.7	46	214	168	0	.0	93.9	2780	0	2403
1564.0	2.0	4.7	46	215	168	0	.0	93.9	2777	0	2407
1566.0	2.0	4.8	48	213	166	0	76.6	93.9	2784	0	2410
1568.0	2.0	4.9	45	212	166	0	83.6	93.5	2766	0	2412
	1337										
1570.0	2.0	4.9	48	215	167	0	84.0	93.5	2779	0	2415
1572.0	2.0	5.0	48	215	167	0	82.7	93.8	2778	0	2417
1574.0	2.0	5.0	46	215	169	0	.0	93.8	2777	0	2421
1576.0	2.0	5.1	46	215	169	0	.0	93.9	2789	0	2425
1578.0	2.0	5.2	45	215	170	0	.0	94.3	2819	0	2428
1580.0	2.0	5.2	46	215	169	0	.0	94.2	2824	0	2431
1582.0	2.0	5.3	45	216	170	0	.0	94.0	2800	0	2434
1584.0	2.0	5.3	47	216	169	0	.0	93.8	2797	0	2438
1586.0	2.0	5.4	46	216	170	0	.0	94.0	2801	0	2443
1588.0	2.0	5.5	46	216	170	0	.0	93.4	2763	0	2445
	1357										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1357											
1590.0	2.0	5.5	46	216	170	0	.0	93.7	2785	0	2449
1592.0	2.0	5.6	47	216	169	0	.0	93.7	2785	0	2452
1596.0	4.0	5.7	46	215	170	0	.0	93.4	2764	0	2458
1598.0	2.0	5.8	46	217	171	0	.0	93.7	2769	0	2462
1600.0	2.0	5.8	48	217	169	0	.0	93.3	2780	0	2465
1602.0	2.0	5.9	46	217	171	0	.0	93.7	2782	0	2467
1604.0	2.0	6.0	44	217	173	0	.0	93.7	2786	0	2470
1606.0	2.0	6.1	45	217	172	0	.0	94.1	2807	0	2471
1608.0	2.0	6.1	47	217	170	0	78.9	93.5	2774	0	2473
1610.0	2.0	6.2	48	217	169	0	89.9	93.0	2758	0	2476
1378											
1612.0	2.0	6.2	47	217	170	0	91.1	93.3	2760	0	2479
1614.0	2.0	6.3	47	217	170	0	7.6	93.5	2770	0	2481
1616.0	2.0	6.4	46	218	171	0	3.2	95.0	2846	0	2482
1618.0	2.0	6.4	47	218	171	0	.0	94.7	2841	0	2485
1620.0	2.0	6.5	47	218	171	0	.0	94.8	2841	0	2488
1622.0	2.0	6.6	47	218	171	0	.0	94.4	2826	0	2492
1624.0	2.0	6.6	46	219	170	0	.0	93.7	2798	0	2496
1626.0	2.0	6.7	49	219	170	0	.0	93.7	2831	0	2497
1628.0	2.0	6.8	50	219	169	0	.0	94.1	2842	0	2500
1630.0	2.0	6.8	49	219	170	0	.0	94.5	2846	0	2503
1398											
1632.0	2.0	6.9	49	219	170	0	.0	94.4	2844	0	2509
1634.0	2.0	6.9	49	216	171	0	.0	94.2	2825	0	2514
1636.0	2.0	7.0	48	219	171	0	.0	93.5	2808	0	2517
1638.0	2.0	7.0	48	219	171	0	.0	93.7	2807	0	2521
1640.0	2.0	7.1	48	219	171	0	.0	93.8	2807	0	2525
1642.0	2.0	7.2	48	219	171	0	.0	93.7	2812	0	2529
1644.0	2.0	7.2	48	215	171	0	13.9	94.1	2842	0	2533
1646.0	2.0	7.3	48	219	171	0	81.5	94.2	2852	0	2536
1648.0	2.0	7.4	47	219	172	0	81.9	94.6	2854	0	2539
1650.0	2.0	7.4	47	219	172	0	82.6	94.7	2854	0	2543
1418											
1652.0	2.0	7.5	48	212	172	0	77.3	94.1	2852	0	2544
1654.0	2.0	7.5	49	206	172	0	.0	93.6	2805	0	2547
1656.0	2.0	7.6	49	206	170	0	.0	93.9	2815	0	2548
1658.0	2.0	7.7	49	206	171	0	.0	93.6	2793	0	2550
1660.0	2.0	7.7	49	206	171	0	.0	93.5	2794	0	2552
1662.0	2.0	7.8	49	220	170	0	.0	92.8	2772	0	2556
1664.0	2.0	7.9	48	220	172	0	.0	93.1	2775	0	2559
1666.0	2.0	7.9	48	220	172	0	.0	93.0	2773	0	2561
1668.0	2.0	8.0	47	220	173	0	.0	93.4	2800	0	2564
1670.0	2.0	8.1	48	220	172	0	.0	94.4	2826	0	2567
1437											
1672.0	2.0	8.1	46	218	172	0	.0	93.6	2818	0	2570
1674.0	2.0	8.2	48	218	173	0	.0	94.2	2826	0	2571
1676.0	2.0	8.3	48	220	172	0	.0	93.8	2815	0	2574
1678.0	2.0	8.4	47	220	173	0	.0	93.7	2814	0	2577
1680.0	2.0	8.4	47	220	173	0	.0	93.9	2816	0	2581
1682.0	2.0	8.5	47	196	172	0	.0	94.0	2817	0	2583
1684.0	2.0	8.5	50	220	170	0	37.6	93.4	2793	0	2588
1686.0	2.0	8.6	48	220	172	0	89.0	93.7	2794	0	2593
1688.0	2.0	8.6	48	220	172	0	89.8	93.3	2802	0	2597
1690.0	2.0	8.7	48	220	172	0	89.2	93.5	2806	0	2601
1457											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1457											
1692.0	2.0	8.7	44	217	174	0	.0	94.1	2835	0	2605
1694.0	2.0	8.8	47	221	176	0	.0	93.0	2812	0	2612
1696.0	2.0	8.8	47	221	174	0	.0	93.4	2818	0	2617
1698.0	2.0	8.9	47	221	174	0	.0	92.8	2806	0	2621
1700.0	2.0	8.9	47	221	174	0	.0	93.4	2810	0	2624
1702.0	2.0	9.0	47	221	174	0	.0	92.3	2737	0	2627
1704.0	2.0	9.0	46	221	175	0	.0	91.6	2731	0	2632
1706.0	2.0	9.0	48	221	173	0	.0	92.6	2772	0	2638
1708.0	2.0	9.1	48	221	173	0	.0	93.5	2840	0	2644
1710.0	2.0	9.1	48	221	173	0	.0	93.5	2846	0	2644
1477											
1712.0	2.0	9.2	47	221	174	0	.0	93.7	2858	0	2643
1714.0	2.0	9.2	47	221	174	0	.0	93.8	2851	0	2647
1716.0	2.0	9.3	47	221	174	0	.0	93.6	2847	0	2653
1718.0	2.0	9.3	47	221	174	0	.0	93.3	2838	0	2657
1720.0	2.0	9.4	42	220	179	0	.0	93.6	2900	0	2654
1722.0	2.0	9.4	35	222	187	0	.3	94.1	2958	0	2657
1724.0	2.0	9.5	36	222	186	0	99.3	93.8	2932	0	2663
1726.0	2.0	9.5	37	222	185	0	105.8	93.9	2928	0	2668
1728.0	2.0	9.6	32	222	190	0	107.0	94.3	2926	0	2670
1730.0	2.0	9.6	28	222	193	0	52.0	93.5	2878	0	2665
1497											
1732.0	2.0	9.7	28	222	194	0	.0	92.9	2859	0	2671
1734.0	2.0	9.7	29	222	193	0	.0	93.4	2866	0	2676
1736.0	2.0	9.8	30	222	192	0	.0	93.0	2876	0	2678
1738.0	2.0	9.9	30	221	192	0	.0	93.0	2873	0	2679
1740.0	2.0	9.9	28	222	193	0	.0	92.6	2879	0	2681
1742.0	2.0	10.0	31	222	191	0	.0	93.4	2905	0	2685
1744.0	2.0	10.0	32	222	190	0	.0	93.4	2907	0	2688
1746.0	2.0	10.1	32	222	190	0	.0	93.2	2908	0	2690
1748.0	2.0	10.1	31	221	191	0	.0	93.4	2904	0	2690
1750.0	2.0	10.2	31	223	191	0	27.6	93.4	2913	0	2694
1517											
1752.0	2.0	10.2	32	223	191	0	93.4	93.4	2912	0	2699
1754.0	2.0	10.3	31	223	192	0	94.0	93.5	2909	0	2702
1756.0	2.0	10.5	35	223	188	0	97.9	93.6	2896	0	2700
1758.0	2.0	10.5	44	221	178	0	93.5	93.6	2906	0	2699
1760.0	2.0	10.6	46	223	177	0	66.2	93.9	2914	0	2701
1762.0	2.0	10.7	46	223	177	0	.0	93.7	2914	0	2704
1764.0	2.0	10.8	46	223	177	0	.0	93.5	2912	0	2708
1766.0	2.0	10.8	46	223	177	0	.0	93.9	2912	0	2713
1768.0	2.0	10.9	44	221	177	0	.0	93.0	2868	0	2709
1770.0	2.0	11.0	48	224	176	0	.0	92.6	2868	0	2714
1537											
1772.0	2.0	11.0	47	224	177	0	.0	93.1	2866	0	2718
1774.0	2.0	11.1	47	224	177	0	.0	92.5	2857	0	2724
1776.0	2.0	11.2	45	222	178	0	.0	92.8	2866	0	2727
1778.0	2.0	11.3	45	225	178	0	.0	92.8	2888	0	2729
1780.0	2.0	11.3	47	225	178	0	.0	93.2	2894	0	2734
1782.0	2.0	11.4	47	225	178	0	.0	93.2	2911	0	2738
1784.0	2.0	11.5	47	225	178	0	.0	93.3	2900	0	2742
1786.0	2.0	11.5	45	224	179	0	.0	93.4	2907	0	2745
1788.0	2.0	11.6	46	226	180	0	73.1	93.5	2908	0	2749
1790.0	2.0	11.7	46	226	180	0	104.8	93.3	2895	0	2751
1557											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1557											
1792.0	2.0	11.8	46	226	180	0	106.0	93.2	2894	0	2753
1794.0	2.0	11.9	47	226	179	0	28.5	93.2	2894	0	2758
1796.0	2.0	12.0	44	224	179	0	.0	93.2	2905	0	2757
1798.0	2.0	12.0	47	226	179	0	.0	93.5	2905	0	2760
1800.0	2.0	12.2	47	226	179	0	.0	93.5	2909	0	2761
1802.0	2.0	12.3	47	226	179	0	.0	93.6	2908	0	2764
1806.0	4.0	12.4	46	225	180	0	.0	93.5	2910	0	2769
1808.0	2.0	12.5	44	224	181	0	.0	93.4	2907	0	2775
1810.0	2.0	12.6	45	225	180	0	.0	93.0	2903	0	2780
1812.0	2.0	12.7	45	226	181	0	.0	93.4	2905	0	2784
1577											
1814.0	2.0	12.8	44	226	182	0	.0	93.3	2905	0	2785
1816.0	2.0	12.9	42	227	183	0	.0	93.1	2908	0	2785
1818.0	2.0	13.0	45	227	182	0	.0	93.5	2920	0	2786
1820.0	2.0	13.1	46	227	181	0	.0	93.5	2922	0	2788
1822.0	2.0	13.2	47	227	180	0	.0	93.4	2915	0	2790
1824.0	2.0	13.3	47	227	180	0	.0	93.5	2915	0	2791
1826.0	2.0	13.4	47	224	181	0	49.5	93.0	2890	0	2793
1828.0	2.0	13.5	45	226	182	0	98.4	92.6	2884	0	2797
1830.0	2.0	13.6	47	228	181	0	101.4	93.1	2889	0	2803
1832.0	2.0	13.6	48	228	180	0	102.1	93.1	2890	0	2809
1597											
1834.0	2.0	13.7	47	228	181	0	46.1	92.8	2885	0	2813
1836.0	2.0	13.8	45	229	183	0	.0	92.8	2899	0	2813
1838.0	2.0	13.9	48	229	181	0	.0	93.2	2923	0	2817
1840.0	2.0	14.0	47	229	182	0	.0	93.6	2935	0	2823
1842.0	2.0	14.1	48	229	181	0	.0	93.4	2941	0	2828
1844.0	2.0	14.1	47	226	180	0	.0	93.5	2930	0	2830
1846.0	2.0	14.2	45	226	181	0	.0	92.4	2901	0	2832
1848.0	2.0	14.3	50	229	179	0	.0	92.4	2900	0	2836
1850.0	2.0	14.3	50	229	179	0	.0	92.5	2893	0	2840
1852.0	2.0	14.4	49	229	180	0	.0	92.5	2898	0	2846
1617											
1854.0	2.0	14.5	49	230	181	0	.0	91.1	2881	0	2851
1856.0	2.0	14.6	50	231	181	0	57.2	90.3	2860	0	2852
1858.0	2.0	14.7	51	231	180	0	92.1	90.1	2875	0	2854
1860.0	2.0	14.7	51	231	180	0	94.5	90.5	2891	0	2857
1862.0	2.0	14.8	50	231	181	0	47.7	90.7	2896	0	2862
1864.0	2.0	14.9	50	231	181	0	17.7	91.0	2901	0	2865
1866.0	2.0	15.0	50	231	181	0	11.3	91.4	2907	0	2870
1868.0	2.0	15.0	50	231	181	0	.0	91.6	2914	0	2876
1870.0	2.0	15.1	50	231	181	0	.0	91.8	2917	0	2884
1872.0	2.0	15.2	50	231	181	0	.0	91.4	2918	0	2892
1637											
1874.0	2.0	15.2	52	232	180	0	.0	90.0	2848	0	2898
1876.0	2.0	15.3	54	232	178	0	.0	90.9	2910	0	2905
1878.0	2.0	15.4	55	232	177	0	.0	90.6	2918	0	2912
1880.0	2.0	15.5	57	232	175	0	.0	91.1	2924	0	2919
1882.0	2.0	15.5	55	232	177	0	.0	90.9	2928	0	2926
1884.0	2.0	15.6	54	233	180	0	.7	90.1	2883	0	2929
1886.0	2.0	15.7	55	233	178	0	82.6	90.6	2886	0	2932
1888.0	2.0	15.8	54	233	179	0	83.1	90.4	2888	0	2934
1890.0	2.0	15.9	54	233	179	0	41.6	90.3	2879	0	2936
1892.0	2.0	15.9	53	228	181	0	.0	90.6	2883	0	2939
1657											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1657											
1894.0	2.0	16.0	51	233	180	0	.0	91.0	2911	0	2939
1896.0	2.0	16.1	54	233	179	0	.0	90.9	2919	0	2942
1898.0	2.0	16.1	54	233	179	0	.0	90.6	2925	0	2944
1900.0	2.0	16.2	54	233	179	0	.0	90.9	2927	0	2947
1902.0	2.0	16.3	54	234	180	0	.0	91.2	2947	0	2950
1904.0	2.0	16.4	54	235	181	0	.0	91.5	2964	0	2952
1906.0	2.0	16.4	53	235	182	0	.0	91.4	2965	0	2957
1908.0	2.0	16.5	55	235	180	0	.0	91.8	2970	0	2962
1910.0	2.0	16.5	55	235	180	0	.0	91.5	2982	0	2966
1912.0	2.0	16.6	43	220	181	0	.0	91.2	2957	0	2970
1677											
1914.0	2.0	16.6	32	227	188	0	.0	90.9	2946	0	2974
1916.0	2.0	16.7	42	235	193	0	21.8	91.2	2943	0	2976
1918.0	2.0	16.8	41	235	194	0	92.0	90.7	2929	0	2978
1919.0	1.0	16.9	41	235	194	0	90.4	88.1	2933	0	2980
NEW BIT ID: 5											
1920.0	.0	.0	41	226	200	0	.0	87.5	2845	0	2946
1922.0	2.0	.1	42	236	194	0	.0	87.4	2840	0	2952
1924.0	2.0	.2	43	236	193	0	.0	88.1	2869	0	2959
1926.0	2.0	.3	42	236	194	0	.0	87.5	2845	0	2965
1928.0	2.0	.3	43	236	193	0	.0	87.0	2834	0	2971
1930.0	2.0	.4	42	237	195	0	.0	86.8	2798	0	2977
1699											
1932.0	2.0	.5	41	237	196	0	.0	88.2	2838	0	2984
1934.0	2.0	.5	43	237	194	0	.0	88.9	2883	0	2990
1936.0	2.0	.6	43	237	189	0	.0	89.5	2893	0	2997
1938.0	2.0	.6	43	237	189	0	.0	89.0	2880	0	3005
1940.0	2.0	.7	43	237	188	0	.0	90.0	2940	0	3011
1942.0	2.0	.7	43	237	186	0	.0	90.6	2947	0	3016
1944.0	2.0	.8	43	237	192	0	.0	90.3	2930	0	3020
1946.0	2.0	.8	43	237	194	0	.9	90.4	2924	0	3025
1948.0	2.0	.9	43	237	193	0	114.1	90.6	2978	0	3028
1950.0	2.0	.9	45	237	192	0	109.2	92.3	3052	0	3031
1719											
1952.0	2.0	1.0	45	237	192	0	.0	86.3	2711	0	3037
1954.0	2.0	1.0	43	237	194	0	.0	87.2	2729	0	3044
1956.0	2.0	1.1	46	237	191	0	.0	89.3	2866	0	3049
1958.0	2.0	1.1	45	237	192	0	.0	90.3	2951	0	3042
1960.0	2.0	1.2	44	237	193	0	.0	90.7	2977	0	3048
1962.0	2.0	1.3	46	237	191	0	.0	89.3	2893	0	3054
1964.0	2.0	1.3	45	237	192	0	.0	88.9	2855	0	3058
1966.0	2.0	1.4	44	237	193	0	.0	88.7	2845	0	3060
1968.0	2.0	1.4	41	237	196	0	.0	88.8	2847	0	3058
1970.0	2.0	1.4	44	237	193	0	.0	89.2	2885	0	3064
1739											
1972.0	2.0	1.5	44	237	193	0	.0	88.7	2860	0	3070
1974.0	2.0	1.5	44	237	193	0	.0	88.8	2851	0	3075
1976.0	2.0	1.6	44	237	193	0	.0	88.2	2837	0	3078
1978.0	2.0	1.6	45	238	193	0	.0	88.3	2827	0	3075
1980.0	2.0	1.7	44	238	194	0	.0	87.8	2797	0	3082
1982.0	2.0	1.7	44	238	194	0	.0	87.6	2800	0	3089
1984.0	2.0	1.8	44	238	194	0	.0	88.1	2832	0	3096

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1753											
1988.0	4.0	1.8	45	238	193	0	.0	88.2	2855	0	3102
1990.0	2.0	1.9	46	238	192	0	78.8	89.4	2924	0	3107
1992.0	2.0	1.9	46	238	192	0	87.7	87.8	2816	0	3110
1994.0	2.0	2.0	45	238	193	0	88.0	87.4	2803	0	3113
1996.0	2.0	2.0	44	238	195	0	88.3	87.8	2786	0	3119
1998.0	2.0	2.1	44	228	193	0	.0	88.7	2845	0	3120
2000.0	2.0	2.1	46	238	191	0	.0	88.3	2835	0	3124
2002.0	2.0	2.2	47	238	191	0	.0	88.6	2852	0	3127
2004.0	2.0	2.2	46	238	192	0	.0	87.7	2820	0	3131
2006.0	2.0	2.3	44	238	194	0	.0	88.2	2811	0	3136
1774											
2008.0	2.0	2.3	43	239	196	0	.0	89.1	2871	0	3139
2010.0	2.0	2.4	46	239	193	0	.0	89.5	2891	0	3141
2012.0	2.0	2.4	45	239	194	0	.0	89.2	2876	0	3145
2014.0	2.0	2.4	45	239	194	0	.0	89.1	2870	0	3148
2016.0	2.0	2.5	43	234	195	0	.0	89.4	2860	0	3150
2018.0	2.0	2.5	48	239	192	0	.0	89.7	2931	0	3152
2020.0	2.0	2.6	45	239	194	0	.0	90.6	2948	0	3155
2022.0	2.0	2.6	46	239	193	0	.0	90.8	2956	0	3159
2024.0	2.0	2.6	46	239	193	0	.0	89.7	2926	0	3162
2026.0	2.0	2.7	46	234	193	0	.0	90.8	2957	0	3164
1794											
2028.0	2.0	2.7	46	239	193	0	54.9	87.5	2828	0	3166
2030.0	2.0	2.8	46	239	193	0	81.9	87.6	2834	0	3168
2032.0	2.0	2.9	48	239	191	0	84.5	87.3	2824	0	3171
2034.0	2.0	2.9	51	239	188	0	85.0	87.6	2824	0	3174
2036.0	2.0	2.9	46	233	192	0	67.2	87.9	2835	0	3176
2038.0	2.0	3.0	50	239	189	0	.0	89.0	2892	0	3180
2040.0	2.0	3.0	48	239	191	0	.0	88.7	2881	0	3183
2042.0	2.0	3.1	49	239	190	0	.0	88.4	2880	0	3185
2044.0	2.0	3.1	46	239	193	0	.0	88.5	2877	0	3189
2046.0	2.0	3.2	45	235	194	0	.0	87.3	2795	0	3183
1814											
2048.0	2.0	3.2	46	240	194	0	.0	86.9	2784	0	3186
2050.0	2.0	3.3	47	240	193	0	.0	88.5	2881	0	3191
2052.0	2.0	3.3	50	240	190	0	.0	88.4	2892	0	3198
2054.0	2.0	3.4	48	240	192	0	.0	88.1	2888	0	3203
2056.0	2.0	3.4	47	240	192	0	.0	88.3	2872	0	3201
2058.0	2.0	3.5	47	240	193	0	.0	87.8	2845	0	3204
2060.0	2.0	3.5	49	240	191	0	.0	88.0	2870	0	3210
2062.0	2.0	3.5	48	240	192	0	.0	87.5	2862	0	3216
2064.0	2.0	3.6	46	235	193	0	.0	87.6	2868	0	3217
2066.0	2.0	3.6	48	240	191	0	.0	89.7	2941	0	3216
1834											
2068.0	2.0	3.7	49	240	191	0	.0	89.2	2940	0	3220
2070.0	2.0	3.7	47	240	193	0	42.5	88.2	2876	0	3226
2072.0	2.0	3.8	49	240	191	0	86.0	87.6	2834	0	3233
2074.0	2.0	3.8	48	241	192	0	85.6	87.7	2861	0	3238
2076.0	2.0	3.9	42	241	199	0	74.9	88.1	2862	0	3239
2078.0	2.0	4.0	40	241	201	0	17.9	87.4	2839	0	3240
2080.0	2.0	4.0	40	241	201	0	.0	88.0	2866	0	3242
2082.0	2.0	4.1	40	241	201	0	.0	88.2	2869	0	3246
2084.0	2.0	4.2	38	241	203	0	.0	88.4	2868	0	3242
2086.0	2.0	4.2	39	241	202	0	.0	88.3	2867	0	3244
1854											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1854											
2088.0	2.0	4.3	39	241	202	0	.0	87.4	2823	0	3250
2090.0	2.0	4.4	38	241	203	0	.0	87.5	2827	0	3255
2092.0	2.0	4.4	38	241	203	0	.0	86.9	2811	0	3256
2094.0	2.0	4.5	31	233	203	0	.0	89.2	2921	0	3252
2096.0	2.0	4.6	28	233	205	0	.0	89.0	2898	0	3258
2098.0	2.0	4.6	36	242	205	0	.0	89.0	2906	0	3262
2100.0	2.0	4.7	37	242	205	0	.0	88.6	2886	0	3266
2102.0	2.0	4.7	38	242	206	0	.0	88.5	2876	0	3268
2104.0	2.0	4.8	39	243	204	0	71.6	88.4	2879	0	3271
2106.0	2.0	4.9	39	241	203	0	84.8	88.6	2894	0	3277
1874											
2108.0	2.0	4.9	39	241	202	0	91.0	87.9	2872	0	3281
2110.0	2.0	5.0	37	241	204	0	120.3	88.7	2888	0	3284
2112.0	2.0	5.1	37	241	206	0	366.6	88.7	2881	0	3285
2114.0	2.0	5.1	38	241	203	0	.0	88.3	2861	0	3286
2116.0	2.0	5.2	38	241	203	0	.0	88.1	2851	0	3291
2118.0	2.0	5.3	37	241	205	0	.0	88.3	2850	0	3294
2120.0	2.0	5.4	36	241	205	0	.4	87.9	2846	0	3296
2122.0	2.0	5.5	36	242	206	0	.8	87.8	2845	0	3295
2124.0	2.0	5.5	38	242	204	0	16.6	88.2	2870	0	3300
2126.0	2.0	5.6	40	242	202	0	55.6	88.4	2899	0	3304
1894											
2128.0	2.0	5.7	39	242	203	0	224.3	88.1	2900	0	3307
2130.0	2.0	5.7	39	242	203	0	208.6	87.5	2900	0	3310
2132.0	2.0	5.8	33	240	205	0	.4	87.8	2907	0	3312
2134.0	2.0	5.9	34	240	206	0	73.1	88.0	2922	0	3320
2136.0	2.0	5.9	35	240	205	0	95.9	88.0	2926	0	3326
2138.0	2.0	6.0	34	240	206	0	96.4	88.3	2944	0	3332
2140.0	2.0	6.1	34	238	206	0	46.1	88.1	2946	0	3338
2142.0	2.0	6.1	34	240	205	0	.0	87.6	2915	0	3345
2144.0	2.0	6.2	36	240	204	0	.0	87.3	2897	0	3350
2146.0	2.0	6.3	36	240	204	0	.0	87.6	2924	0	3353
1914											
2148.0	2.0	6.3	35	240	205	0	1.5	87.1	2913	0	3355
2150.0	2.0	6.4	34	234	205	0	16.5	87.2	2905	0	3355
2152.0	2.0	6.5	35	241	206	0	9.3	87.4	2909	0	3358
2154.0	2.0	6.5	35	241	206	0	2.2	87.0	2877	0	3364
2156.0	2.0	6.6	34	241	207	0	27.2	86.7	2871	0	3367
2158,0	2.0	6.7	35	241	208	0	19.5	86.7	2870	0	3367
2160.0	2.0	6.7	35	241	208	0	226.4	86.9	2877	0	3364
2162.0	2.0	6.8	36	241	205	0	.2	86.9	2883	0	3363
2164.0	2.0	6.8	36	241	205	0	53.9	87.2	2878	0	3367
2166.0	2.0	6.9	36	241	205	0	87.3	87.1	2872	0	3371
1933											
2168.0	2.0	6.9	35	241	206	0	92.8	86.9	2860	0	3374
2170.0	2.0	7.0	34	238	208	0	27.0	87.6	2880	0	3373
2172.0	2.0	7.1	32	241	209	0	.0	87.6	2894	0	3376
2174.0	2.0	7.1	33	241	208	0	.0	87.5	2897	0	3381
2176.0	2.0	7.2	33	241	208	0	.0	87.2	2891	0	3385
2178.0	2.0	7.3	34	241	207	0	.0	87.1	2897	0	3389
2180.0	2.0	7.3	35	234	208	0	.0	88.6	2999	0	3388
2182.0	2.0	7.4	35	234	204	0	.0	88.0	2949	0	3393
2184.0	2.0	7.4	35	238	203	0	.0	89.2	3000	0	3398
2186.0	2.0	7.5	39	241	202	0	.0	90.6	3069	0	3405
1953											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1953											
2188.0	2.0	7.5	38	241	203	0	.0	90.5	3051	0	3407
2190.0	2.0	7.6	38	241	203	0	.0	88.6	3007	0	3407
2192.0	2.0	7.6	37	241	204	0	37.3	89.2	2998	0	3410
2194.0	2.0	7.7	37	241	204	0	89.9	89.7	3029	0	3416
2196.0	2.0	7.7	40	241	201	0	90.2	89.9	3035	0	3423
2198.0	2.0	7.8	40	241	201	0	39.8	90.2	3049	0	3423
2200.0	2.0	7.8	40	241	201	0	.0	90.7	3061	0	3427
2202.0	2.0	7.9	40	241	201	0	.0	90.1	3052	0	3430
2204.0	2.0	8.0	40	241	201	0	.0	90.7	3073	0	3433
2206.0	2.0	8.0	39	241	202	0	.0	90.4	3067	0	3439
1973											
2208.0	2.0	8.1	34	237	205	0	.0	89.4	3048	0	3445
2210.0	2.0	8.1	38	241	203	0	.0	89.2	3025	0	3448
2212.0	2.0	8.2	37	241	204	0	.0	90.2	3054	0	3450
2214.0	2.0	8.2	38	241	203	0	.0	89.8	3047	0	3453
2216.0	2.0	8.3	38	241	203	0	.0	90.0	3046	0	3456
2218.0	2.0	8.3	35	239	205	0	.0	90.4	3060	0	3460
2220.0	2.0	8.4	34	242	206	0	.0	90.0	3008	0	3462
2222.0	2.0	8.5	36	242	206	0	.2	90.0	2998	0	3464
2224.0	2.0	8.5	38	242	204	0	89.3	90.2	2997	0	3466
2226.0	2.0	8.6	40	242	202	0	92.3	90.0	3009	0	3472
1992											
2228.0	2.0	8.7	40	243	203	0	87.3	89.1	3035	0	3476
2230.0	2.0	8.7	41	243	202	0	.0	88.3	3011	0	3481
2232.0	2.0	8.8	42	243	201	0	.1	86.9	2960	0	3487
2234.0	2.0	8.9	43	243	200	0	.2	86.7	2967	0	3493
2236.0	2.0	8.9	42	240	200	0	.1	86.8	2967	0	3499
2238.0	2.0	9.0	38	243	203	0	5.4	86.2	2956	0	3508
2240.0	2.0	9.1	42	243	201	0	3.7	86.4	2983	0	3520
2242.0	2.0	9.1	42	243	201	0	.0	86.9	3003	0	3530
2244.0	2.0	9.2	43	243	200	0	.0	86.9	3029	0	3541
2246.0	2.0	9.3	44	244	199	0	.0	86.8	3036	0	3553
2012											
2248.0	2.0	9.3	47	244	197	0	.0	87.0	3039	0	3566
2250.0	2.0	9.4	47	245	197	0	.0	87.7	3065	0	3576
2252.0	2.0	9.4	47	245	198	0	.0	87.8	3041	0	3586
2254.0	2.0	9.5	48	245	197	0	.0	87.5	3017	0	3594
2256.0	2.0	9.5	44	241	198	0	.0	88.0	3025	0	3604
2258.0	2.0	9.6	47	245	195	0	.0	87.4	2992	0	3611
2260.0	2.0	9.7	47	245	196	0	.0	88.0	3023	0	3619
2262.0	2.0	9.7	46	245	199	0	.0	88.2	3050	0	3627
2264.0	2.0	9.8	43	245	202	0	.0	88.0	3070	0	3635
2266.0	2.0	9.8	42	245	203	0	.0	87.0	3024	0	3636
2032											
2268.0	2.0	9.9	44	245	201	0	.0	88.2	3088	0	3640
2270.0	2.0	10.0	45	245	200	0	.0	88.0	3082	0	3646
2272.0	2.0	10.0	45	245	199	0	.0	87.6	3090	0	3649
2274.0	2.0	10.1	48	246	197	0	.0	87.1	3061	0	3650
2276.0	2.0	10.2	49	246	197	0	.9	85.5	2970	0	3651
2278.0	2.0	10.2	48	246	198	0	43.4	87.2	3058	0	3657
2280.0	2.0	10.3	49	246	197	0	89.2	86.8	3027	0	3663
2282.0	2.0	10.3	48	246	198	0	90.2	86.0	2999	0	3665
2284.0	2.0	10.4	47	246	196	0	79.6	86.4	3019	0	3666
2286.0	2.0	10.5	49	246	197	0	33.4	87.3	3062	0	3668
2052											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2052											
2288.0	2.0	10.5	49	246	197	0	.0	86.7	3051	0	3674
2290.0	2.0	10.6	48	246	198	0	.0	86.7	3030	0	3680
2292.0	2.0	10.7	47	246	199	0	.0	86.6	3015	0	3683
2294.0	2.0	10.7	47	247	199	0	.0	87.9	3056	0	3683
2296.0	2.0	10.8	46	247	201	0	.0	88.1	3085	0	3687
2298.0	2.0	10.9	50	247	197	0	.0	87.6	3059	0	3691
2300.0	2.0	11.0	50	247	197	0	.0	86.4	2989	0	3695
2302.0	2.0	11.0	51	247	196	0	.0	86.4	3004	0	3699
2304.0	2.0	11.1	47	247	198	0	.0	86.6	2995	0	3698
2306.0	2.0	11.1	48	247	199	0	61.7	86.9	2953	0	3700
2072											
2308.0	2.0	11.2	45	247	202	0	86.9	87.7	3015	0	3706
2310.0	2.0	11.3	43	247	204	0	87.1	87.4	3006	0	3710
2312.0	2.0	11.4	46	245	200	0	80.8	87.9	3026	0	3710
2314.0	2.0	11.4	44	243	200	0	.0	87.3	3028	0	3710
2316.0	2.0	11.5	47	248	199	0	.0	87.6	3030	0	3716
2318.0	2.0	11.6	50	248	198	0	.0	87.4	3024	0	3720
2320.0	2.0	11.6	49	248	198	0	.0	87.2	3005	0	3724
2322.0	2.0	11.7	45	245	200	0	.0	87.0	3023	0	3726
2326.0	4.0	11.9	46	249	203	0	.0	87.2	3001	0	3733
2328.0	2.0	11.9	46	249	203	0	.0	86.2	2980	0	3738
2092											
2330.0	2.0	12.0	47	249	202	0	.0	86.4	2961	0	3741
2332.0	2.0	12.1	48	249	201	0	.0	86.3	2966	0	3744
2334.0	2.0	12.1	43	245	203	0	.0	86.4	2982	0	3744
2336.0	2.0	12.2	50	249	199	0	.0	86.0	2974	0	3750
2338.0	2.0	12.3	49	249	200	0	.0	85.9	2942	0	3755
2340.0	2.0	12.3	49	249	200	0	.0	85.2	2930	0	3759
2342.0	2.0	12.4	46	249	203	0	.0	85.4	2929	0	3759
2344.0	2.0	12.5	48	249	201	0	37.4	85.9	2923	0	3759
2346.0	2.0	12.6	50	249	199	0	85.6	86.2	2952	0	3764
2348.0	2.0	12.7	49	249	200	0	.0	87.6	3056	0	3765
2112											
2350.0	2.0	12.8	47	249	202	0	.0	88.3	3090	0	3768
2352.0	2.0	12.8	46	250	204	0	.0	87.3	2986	0	3766
2354.0	2.0	12.9	45	250	205	0	.0	88.1	2959	0	3772
2356.0	2.0	13.0	45	250	205	0	.0	88.5	2957	0	3777
2358.0	2.0	13.1	44	250	206	0	.0	87.9	2958	0	3780
2360.0	2.0	13.2	41	250	208	0	.0	87.8	2956	0	3780
2362.0	2.0	13.2	42	250	208	0	.0	88.3	2952	0	3784
2364.0	2.0	13.3	43	250	207	0	.0	88.2	2947	0	3790
2366.0	2.0	13.4	44	250	206	0	.0	87.9	2926	0	3793
2368.0	2.0	13.5	42	250	208	0	.0	87.9	2922	0	3797
2132											
2370.0	2.0	13.5	43	250	207	0	.0	87.7	2954	0	3799
2372.0	2.0	13.6	42	250	208	0	.0	87.7	3000	0	3803
2374.0	2.0	13.7	42	250	208	0	.0	83.7	2993	0	3808
2376.0	2.0	13.8	30	250	215	0	38.6	78.2	2854	0	3767
2378.0	2.0	13.9	30	250	224	0	73.8	83.2	2854	0	3773
2380.0	2.0	14.1	30	250	224	0	72.9	82.4	2836	0	3780
2382.0	2.0	14.2	29	250	222	0	.0	80.9	2758	0	3786
2384.0	2.0	14.3	29	250	223	0	.0	81.2	2750	0	3793
2386.0	2.0	14.4	29	250	224	0	.0	80.6	2745	0	3800
2388.0	2.0	14.5	27	250	223	0	.0	80.6	2753	0	3806
2152											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2154											
NEW BIT ID: -1											
2391.0	.0	.5	13	255	242	0	89.1	65.4	794	0	3820
2392.0	1.0	1.4	17	255	238	0	87.2	65.4	958	0	3821
2393.0	1.0	2.0	19	255	236	0	102.6	66.3	1007	0	3823
2394.0	1.0	2.7	19	255	236	0	86.7	67.2	1013	0	3824
2395.0	1.0	3.3	19	255	236	0	85.7	65.3	1031	0	3826
2396.0	1.0	3.9	19	255	236	0	101.0	66.1	1032	0	3828
2397.0	1.0	4.6	19	255	236	0	76.5	66.9	1029	0	3829
2398.0	1.0	5.4	19	255	235	0	56.0	67.3	1026	0	3831
2399.0	1.0	6.2	20	255	234	0	13.1	67.4	993	0	3832
2400.0	1.0	7.1	19	255	236	0	82.8	63.2	948	0	3834
2207											
2401.0	1.0	8.1	20	255	235	0	76.7	63.4	974	0	3836
2402.0	1.0	9.0	19	255	236	0	88.1	65.5	987	0	3837
2402.4	.4	9.6	21	255	234	0	86.9	64.4	1027	0	3838
NEW BIT ID: -2											
2403.0	.0	.4	19	257	238	0	.0	50.0	1293	0	3809
2404.0	1.0	.8	26	257	231	0	.0	61.5	1473	0	3810
2405.0	1.0	1.4	28	257	229	0	.0	61.0	1480	0	3812
2406.0	1.0	2.0	26	257	231	0	.0	59.8	1564	0	3814
2407.0	1.0	2.3	31	257	226	0	.0	60.0	1542	0	3816
2408.0	1.0	2.6	32	257	225	0	.0	60.9	1618	0	3817
2409.0	1.0	3.0	35	257	222	0	.0	61.3	1647	0	3819
2237											
2410.0	1.0	3.3	35	257	222	0	.0	60.2	1604	0	3820
2411.0	1.0	3.6	33	257	224	0	.0	60.1	1560	0	3822
NEW BIT ID: -3											
2412.0	1.0	.3	11	261	250	0	50.6	.0	834	0	3825
2413.0	1.0	.6	22	261	239	0	56.7	.0	1311	0	3826
2414.0	1.0	1.1	23	261	238	0	56.7	.0	1309	0	3828
2415.0	1.0	1.3	23	261	238	0	56.5	.0	1338	0	3830
2416.0	1.0	1.6	24	261	237	0	56.6	.0	1349	0	3831
2417.0	1.0	1.8	23	261	238	0	56.3	.0	1368	0	3833
2419.0	2.0	2.0	23	261	238	0	56.2	.0	1288	0	3836
2420.0	1.0	2.1	23	261	238	0	55.6	.0	1310	0	3839
2252											
2421.0	1.0	2.2	24	261	237	0	55.2	.0	1335	0	3843
2422.0	1.0	2.3	23	261	238	0	55.7	.0	1369	0	3846
2423.0	1.0	2.4	23	261	238	0	55.2	.0	1390	0	3848
2424.0	1.0	2.4	22	261	239	0	55.4	.0	1374	0	3852
2425.0	1.0	2.5	23	261	238	0	55.2	.0	1373	0	3855
NEW BIT ID: -4											
2426.0	1.0	.1	12	259	246	.0	.0	50.8	1093	0	3847
2427.0	1.0	.2	20	259	239	0	.0	50.1	1161	0	3851
2428.0	1.0	.2	21	259	238	.0	.0	49.9	1232	0	3854
2429.0	1.0	.3	20	259	239	0	.0	50.0	1267	0	3858
2430.0	1.0	.3	19	259	240	0	.0	49.8	1286	0	3861
2266											
2431.0	1.0	.3	20	259	239	0	.0	49.3	1326	0	3865
2432.0	1.0	.4	19	259	240	0	.0	50.3	1238	0	3868
2433.0	1.0	.5	22	259	237	0	.0	50.0	1241	0	3872
2434.0	1.0	.5	23	259	236	0	.0	49.7	1257	0	3876

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWDV	SPM1	SPM2	PMPR	PCSG	HSP
2270											
2435.0	1.0	.6	23	259	236	0	.0	49.9	1268	0	3881
2436.0	1.0	.7	23	259	236	0	.0	49.2	1354	0	3884
2437.0	1.0	.8	24	259	235	0	.0	49.9	1322	0	3888
2438.0	1.0	.8	24	259	235	0	.0	49.9	1290	0	3891
NEW BIT ID: -5											
2439.0	1.0	.0	8	267	258	0	50.1	.0	567	0	3866
2440.0	1.0	.2	8	267	259	0	51.0	.0	538	0	3867
2441.0	1.0	.3	13	267	254	0	51.7	.0	537	0	3869
2442.0	1.0	.5	15	267	252	0	50.8	.0	606	0	3871
2443.0	1.0	.8	16	267	251	0	56.0	.0	722	0	3872
2444.0	1.0	1.1	16	267	251	0	57.5	.0	770	0	3874
2284											
2445.0	1.0	1.4	16	267	251	0	57.8	.0	768	0	3875
2446.0	1.0	1.6	16	267	251	0	58.7	.0	759	0	3877
2447.0	1.0	2.0	16	267	251	0	59.2	.0	761	0	3878
2448.0	1.0	2.2	16	267	251	0	57.6	.0	739	0	3880
2449.0	1.0	2.5	17	267	250	0	57.8	.0	746	0	3882
2450.0	1.0	2.8	17	267	250	0	57.2	.0	751	0	3883
2451.0	1.0	3.1	16	267	251	0	56.7	.0	693	0	3885
NEW BIT ID: -6											
2452.0	1.0	.0	7	260	247	0	.0	47.2	777	0	3888
2453.0	1.0	.3	16	260	244	0	.0	57.7	997	0	3889
2454.0	1.0	.4	22	260	238	0	.0	57.8	1041	0	3892
2299											
2455.0	1.0	.5	21	260	239	0	.0	57.0	1037	0	3894
2456.0	1.0	.5	21	260	239	0	.0	57.1	1151	0	3897
2457.0	1.0	.6	22	260	238	0	.0	57.2	1216	0	3900
2458.0	1.0	.8	21	260	239	0	.0	57.3	1221	0	3903
2459.0	1.0	1.2	26	260	234	0	.0	57.9	1279	0	3906
2460.0	1.0	1.6	27	260	233	0	.0	57.1	1312	0	3911
2461.0	1.0	2.1	28	260	232	0	.0	58.4	1237	0	3915
2462.0	1.0	2.6	30	260	230	0	.0	57.9	1308	0	3917
2463.0	1.0	3.1	30	260	230	0	.0	57.9	1310	0	3918
2464.0	1.0	3.6	31	260	229	0	.0	58.3	1273	0	3919
2319											
2464.6	.6	4.0	30	260	230	0	.0	58.2	1311	0	3921

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2320											
NEW BIT ID: 7											
2466.0	.0	.1	22	268	244	0	.0	89.3	2943	0	3912
2468.0	2.0	.3	29	268	239	0	.0	88.2	2887	0	3914
2470.0	2.0	.4	37	269	231	0	.0	88.1	2827	0	3920
2472.0	2.0	.5	41	269	228	0	.0	88.0	2782	0	3927
2474.0	2.0	.7	42	269	227	0	.0	88.4	2759	0	3934
2476.0	2.0	.8	44	275	229	0	.0	88.9	2790	0	3941
2478.0	2.0	.9	48	275	227	0	.0	89.5	2810	0	3948
2480.0	2.0	1.0	48	275	227	0	.0	88.9	2796	0	3954
2482.0	2.0	1.2	48	275	227	0	.0	88.7	2782	0	3962
2484.0	2.0	1.3	47	275	228	0	.0	88.9	2810	0	3968
2343											
2486.0	2.0	1.5	44	272	229	0	.0	92.7	3028	0	3961
2488.0	2.0	1.7	43	272	228	0	.0	92.5	3016	0	3962
2490.0	2.0	1.8	43	272	229	0	.0	92.1	3003	0	3964
2492.0	2.0	2.0	44	274	230	0	.0	92.0	2998	0	3967
2494.0	2.0	2.1	40	274	234	0	.0	92.3	2997	0	3971
2496.0	2.0	2.1	37	274	237	0	.0	91.4	2979	0	3976
2498.0	2.0	2.3	41	274	233	0	.0	91.9	2990	0	3981
2500.0	2.0	2.3	37	274	237	0	.0	91.9	2983	0	3988
2502.0	2.0	2.4	38	274	236	0	.0	91.6	2977	0	3995
2504.0	2.0	2.4	37	275	238	0	.0	91.0	2922	0	4002
2363											
2506.0	2.0	2.5	40	276	236	0	.0	91.0	2924	0	4008
2508.0	2.0	2.5	42	276	234	0	.0	91.0	2930	0	4013
2510.0	2.0	2.6	46	276	230	0	.0	90.9	2929	0	4019
2512.0	2.0	2.7	44	276	232	0	.0	90.9	2923	0	4022
2514.0	2.0	2.8	42	251	234	0	.0	92.3	2975	0	4027
2516.0	2.0	2.8	41	264	233	0	.0	92.7	3021	0	4028
2518.0	2.0	2.9	45	276	231	0	.0	92.2	3010	0	4034
2520.0	2.0	3.1	46	276	230	0	.0	92.5	3016	0	4037
2522.0	2.0	3.3	45	276	231	0	.0	92.0	3018	0	4035
2524.0	2.0	3.5	39	244	233	0	.0	92.0	2956	0	4032
2382											
2526.0	2.0	3.7	43	260	234	0	.0	92.0	2916	0	4034
2528.0	2.0	3.9	42	276	234	0	.0	92.6	2913	0	4033
2530.0	2.0	4.1	44	276	232	0	.0	92.8	2911	0	4034
2532.0	2.0	4.2	43	276	233	0	.0	93.0	2910	0	4038
2534.0	2.0	4.2	42	242	232	0	.0	93.0	2931	0	4042
2536.0	2.0	4.3	42	242	233	0	.0	90.0	2934	0	4047
2538.0	2.0	4.4	42	242	231	0	.0	90.0	2922	0	4049
2540.0	2.0	4.7	44	277	231	0	.0	89.0	2878	0	4051
2542.0	2.0	4.9	46	278	232	0	.0	89.3	2899	0	4054
2544.0	2.0	5.0	47	278	231	0	.0	89.9	2931	0	4057
2402											
2546.0	2.0	5.1	46	278	232	0	.0	90.0	2927	0	4060
2548.0	2.0	5.2	44	278	234	0	.0	89.9	2927	0	4062
2550.0	2.0	5.4	43	278	235	0	.0	89.9	2920	0	4066
2552.0	2.0	5.6	46	278	232	0	.0	90.2	2951	0	4072
2554.0	2.0	5.8	45	278	233	0	.0	91.7	3004	0	4075
2556.0	2.0	5.9	47	278	231	0	.0	91.3	3000	0	4079
2558.0	2.0	6.1	48	278	230	0	.0	91.6	3003	0	4082

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2415											
2560.0	2.0	6.2	46	278	232	0	.0	91.5	2993	0	4084
2562.0	2.0	6.3	46	263	233	0	.0	91.1	2983	0	4089
2564.0	2.0	6.4	48	279	231	0	.0	90.5	2959	0	4093
2566.0	2.0	6.6	48	279	231	0	.0	90.9	2974	0	4094
2568.0	2.0	6.8	48	279	231	0	.0	90.7	2984	0	4096
2570.0	2.0	6.9	47	279	232	0	.0	90.9	2980	0	4100
2572.0	2.0	7.1	47	276	231	0	.0	88.3	2888	0	4096
2574.0	2.0	7.2	46	276	231	0	.0	85.9	2799	0	4097
2576.0	2.0	7.4	45	276	231	0	.0	86.0	2793	0	4101
2578.0	2.0	7.5	45	276	231	0	.0	86.0	2794	0	4107
2435											
2580.0	2.0	7.7	46	279	231	0	.0	86.3	2795	0	4113
2582.0	2.0	7.8	42	279	239	0	.0	87.5	2894	0	4117
2584.0	2.0	8.0	43	280	239	0	.0	87.4	2883	0	4124
2592.0	8.0	8.9	44	280	238	0	.0	90.0	2870	0	4108
2594.0	2.0	9.1	45	280	238	0	.0	90.0	2870	0	4115
2596.0	2.0	9.3	45	280	238	0	.0	89.3	2870	0	4122
2598.0	2.0	9.4	45	281	238	0	.0	88.7	2870	0	4129
2600.0	2.0	9.5	45	281	238	0	.0	88.7	2870	0	4135
2602.0	2.0	9.6	45	281	238	0	.0	90.0	2870	0	4142

PE603283

This is an enclosure indicator page.
The enclosure PE603283 is enclosed within the container PE904951 at this location in this document.

The enclosure PE603283 has the following characteristics:

ITEM_BARCODE	= PE603283
CONTAINER_BARCODE	= PE904951
NAME	= ES Drill Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Fortescue 4 ES Drill Log. From attachment 1 of WCR.
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	=
W_NO	= W721
WELL_NAME	= Fortescue-4
CONTRACTOR	= Core Laboratories, INC.
CLIENT_OP_CO	= Esso Australia LTD.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603284

This is an enclosure indicator page.
The enclosure PE603284 is enclosed within the container PE904951 at this location in this document.

The enclosure PE603284 has the following characteristics:

ITEM_BARCODE	= PE603284
CONTAINER_BARCODE	= PE904951
NAME	= ES Temperature Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Fortescue 4 ES Temperature Log. From attachment 1 of WCR.
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	=
W_NO	= W721
WELL_NAME	= Fortescue-4
CONTRACTOR	= Core Laboratories, INC.
CLIENT_OP_CO	= Esso Australia LTD.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603285

This is an enclosure indicator page.
The enclosure PE603285 is enclosed within the container PE904951 at this location in this document.

The enclosure PE603285 has the following characteristics:

ITEM_BARCODE	= PE603285
CONTAINER_BARCODE	= PE904951
NAME	= ESP Pressure Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Fortescue 4 ESP Pressure Log. From attachment 1 of WCR.
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	=
W_NO	= W721
WELL_NAME	= Fortescue-4
CONTRACTOR	= Core Laboratories, INC.
CLIENT_OP_CO	= Esso Australia LTD.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603286

This is an enclosure indicator page.
The enclosure PE603286 is enclosed within the container PE904951 at this location in this document.

The enclosure PE603286 has the following characteristics:

ITEM_BARCODE	= PE603286
CONTAINER_BARCODE	= PE904951
NAME	= Fortescue 4 Geo-Plot
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Fortescue 4 Geo-plot. From attachment 1 of WCR.
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	=
W_NO	= W721
WELL_NAME	= Fortescue-4
CONTRACTOR	= Core Laboratories, INC.
CLIENT_OP_CO	= Esso Australia LTD.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603287

This is an enclosure indicator page.
The enclosure PE603287 is enclosed within the container PE904951 at this location in this document.

The enclosure PE603287 has the following characteristics:

ITEM_BARCODE	= PE603287
CONTAINER_BARCODE	= PE904951
NAME	= Fortescue 4 Grapholog
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= MUD_LOG
DESCRIPTION	= Fortescue 4 Grapholog (Mud Log). From attachment 1 of WCR.
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	= 18/04/79
W_NO	= W721
WELL_NAME	= Fortescue-4
CONTRACTOR	= Core Laboratories, INC.
CLIENT_OP_CO	= Esso Australia LTD.

(Inserted by DNRE - Vic Govt Mines Dept)