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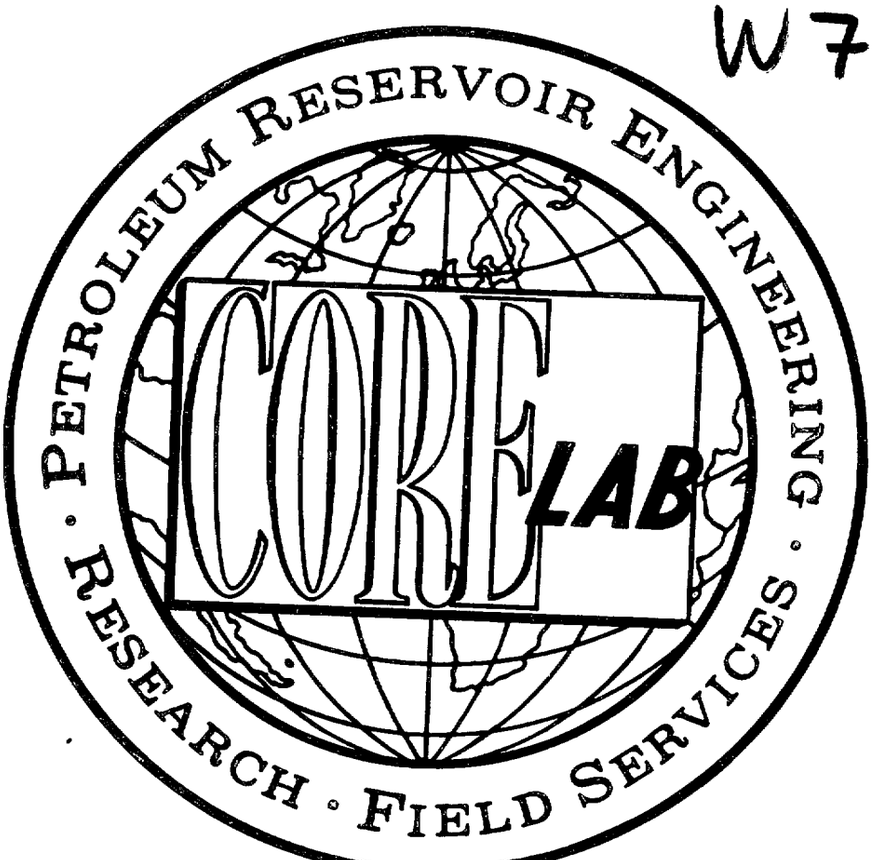
ATTACHMENT 1

OF WCR THREADFIN-1

W719



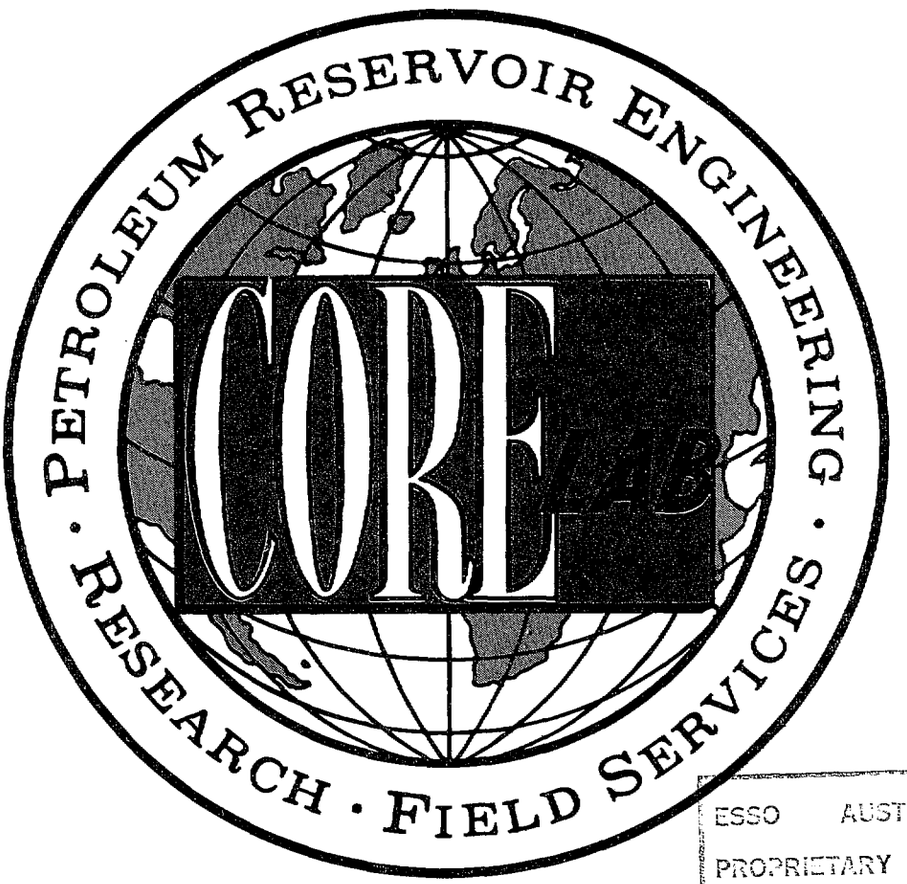
EXTENDED SERVICE

ESSO AUSTRALIA LTD

THREADFIN NO.1

EXTENDED SERVICE WELL REPORT

OIL and GAS DIVISION



CORE LABORATORIES INTERNATIONAL LTD.

24A, LIM TECK BOO ROAD. SINGAPORE 19.

TELEPHONE:2821222; CABLE: CORELAB; TELEX: RS21423.

CORE LABORATORIES INTERNATIONAL LTD.

Petroleum Reservoir Engineering

SINGAPORE

REPLY TO:
24-A, LIM TECK BOO ROAD,
SINGAPORE 19.
CABLE: CORELAB
TELEPHONE: 2821222
TELEX: CORELAB RS 21423

April 18, 1979

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

Attention: Mr. L. D. Attaway

Dear Sir,

Enclosed with this well summary for your inspection and reference are all logs and relevant data pertaining to the drilling of THREADFIN NO. 1. If you have any suggestions or queries on the presentation of this well summary and the data found within, do not hesitate to contact us.

Core Laboratories appreciates being of assistance to Esso Australia during the entire drilling operation of THREADFIN NO. 1 and look forward to our continuing association on future exploratory work in Australia.

Yours sincerely,
CORE LABORATORIES INTERNATIONAL LTD.

Andrew P. Pietsch
Unit Supervisor

ENCL.

APPP:rp

THREADFIN NO. 1 was drilled by Esso Australia in the Gippsland Basin of Bass Strait. The exploration well was drilled by ODECO's semi-submersible drilling rig - Ocean Endeavour. The well was spudded in a water depth of 76.4 metres on the 23rd of February 1979 with total depth of 2735 metres being attained on the 5th of March 1979.

Well location co-ordinates are:-

Latitude:- 38° 32' 37.71" S

Longitude:- 148° 15' 22.46" E

A Core Laboratories Extended Service fully integrated computer unit was located on board the Ocean Endeavour to monitor all drilling parameters below the 508 mm casing shoe. All computer recorded data found within this report is stored on magnetic tape and can be retrieved at any time at the request of the client.

The Core Laboratories well-site crew consisted of:-

Unit Supervisor - Andy Pietsch

Relief Supervisor - Mike Warner

Mud Loggers - Dave Lawrence

- Manuel Zapata

- Joel Rappoport

WELL SUMMARY

Threadfin No. 1 was spudded on 23rd February, 1979, in a water depth of 76.4 metres. A 660 mm hole was drilled from the sea-floor to a depth of 242 metres. All returns were to the sea-floor and the drilling fluid used over the section was sea water. The hole was spotted with high viscosity mud on connections and was circulated with high viscosity slugs as required. 508 mm casing was set at 224 metres and the sub-sea blow out preventer and marine riser were run.

A 445 mm hole was drilled from 224 metres to 875 metres. The lithology from 224 metres to 550 metres was essentially a calcisiltite, calcarenite sequence. The arenitic component was white, unconsolidated to firm, with poorly sorted grains. Grain size varied from very coarse down to fine, whereupon lithologies took on the characteristics of the calcisiltite component. Fragments of bryazoans, forams and coral fossils were common throughout the sequence. At approximately 600 metres the lithologies began to take on the characteristics of mudstones, with grey, soft, pyricous marly material appearing. From 650 metres to 725 metres a calcareous mudstone was encountered. After this an unbroken sequence of calcisiltite and calcarenite was drilled to 875 metres. Drilling this section of the hole produced the characteristic fast, eratic rates of penetration found in top-hole conditions in this region, with drilling rates of between ¼ minute to 2 minutes per metre recorded. Use of low bit weights was unsuccessful in moderating the drilling rate, and it appeared that jetting action was largely responsible for the penetration of the soft lithologies of this section.

Only in the lower part of the section did more settled penetration rates appear together with a stabilisation of the trend of the 'd' exponent. The mud weight was increased steadily over this section from an initial value of 8.7 ppg to 9.1 ppg. Gas shows were negligible until the first appearance of marly material at approximately 600 metres. From hereon an increase in background gas average readings was recorded. This higher background gas average persisted with the return to calcisiltite - calcarenite lithologies with a significant show between 740 metres and 750 metres. This show coincided with a reverse drilling break, and values for this part of the hole.

The increase in gas towards the lower part of the section did not appear to be associated with abnormal pressure conditions. The behaviour of all other drilling perameters confirmed this; both rate of penetration and trend of the 'd' exponent suggested the initiation of a normal compaction trend in this top-hole section of the well.

Having drilled to 875 metres Schlumberger electric logs were run as follows:-

ISF/SONIC	875 m -	508 mm casing shoe.
FDC/GR	875 m -	mudline.

With the completion of electric logging 339.7 mm casing was run and set at 861.6 metres.

After drilling out of the 339.7 mm casing shoe with a 311.15 mm bit, a pressure integrity test was carried out at 880 metres. An equivalent fracture pressure of 650 psi, equivalent to 13.5 ppg was derived from this test, providing a guide for maximum mud weights to be used in the

remainder of the hole.

Drilling continued down to 1300 metres through varied calcareous siltstone, marl, mudstone lithologies which became progressively firmer with depth. Rates of penetration dropped correspondingly from an initial 1 minute/metre to 2½ minutes/metre. Between 1300 metres and 2000 metres an uninterrupted sequence of calcisiltites was penetrated with some scattered minor marl and calcareous mudstone horizons. These lithologies contained both benthonic and planktonic microfauna and permitted a rather higher rate of penetration, an average of 2 minutes/metre being obtained. From 200 metres down, increasing amounts of calcareous shale were drilled. These shales were dark grey, partially silty in texture and ranged from firm to sub-fissile. These lithologies persisted until 2400 metres where a marked change occurred with the appearance of sandstones. Throughout this last section of the hole, drilling performance reflected the increasing state of compaction of the rocks drilled. Steadily decreasing penetration rates from 2 minutes/metre down to 5 minutes/metre and readily noticeable dulling trends in the bit runs were observed. The calcisiltite beds of this section of the well were characterised by low background gas readings. These readings increased somewhat from 2000 metres down with small amounts of connection gas appearing and a significant show of trip gas occurring. At 2120 metres the mud weight was raised by 0.5 ppg after which no further occurrences of connection gas or trip gas were observed. Background gas also decreased significantly until, where sandstone was encountered at 2400 metres, only traces were detected.

Apart from shows of connection gas and trip gas, all other drilling parameters indicate this section to be part of a normally pressured sequence. Within the lower part of the

section it was found necessary to reduce the rate of penetration to reduce the possibility of plugging of the flowline with returns and causing drilling fluid losses.

Sandstones drilled from 2400 metres down were initially very glauconitic with considerable quantities of pyrites. Grain sizes ranged from fine to coarse with firm to friable aggregation. These sands became less glauconitic further down the sequence and were found to be mainly loose, coarse grained, with interbanded siltstones, brown in part. Thin shales and coals and pyricious bands occurred as intercalations.

T.D. of 2735 metres was reached at 03:15 hours on 5th March 1979. After T.D. was reached a short trip was made with no evidence of drag or fill. After circulating to condition the mud and hole, the following Schlumberger electric logs were run:-

ISF, GR, SONIC, FDC, CNL, GR, HDT.
From Total Depth - 864 metres.
Velocity surveys were shot at 14 levels between Total Depth and 864 metres.
RFTs run at the following depths obtained the respective pressures:-

2409m obtained 3350.3 psig, equivalent to 8.15 ppg
2485m obtained 3457.1 psig, equivalent to 8.16 ppg
2565m obtained 3569.9 psig, equivalent to 8.16 ppg
2624m obtained 3657.0 psig, equivalent to 8.17 ppg
2684m obtained 3750.6 psig, equivalent to 8.19 ppg

CST No.1 was run between 2731 metres and 2150 metres. From 51 shots, 49 sidewall cores were recovered, 2 were lost.

CST No.2 was run between 2130 metres and 875 metres. From 30 shots, 30 sidewall cores were recovered, none was lost.

After completion of electric logging runs the well was plugged and abandoned.

From analysis of the data obtained from Threadfin No.1, it was concluded that the well was normally pressured throughout and that the minor drilling problems encountered were of mechanical or chemical origins.

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.

COST PER METRE GRAPH

CORE LAB **ESP**

UNIT NO. 176 BIT NO. 2

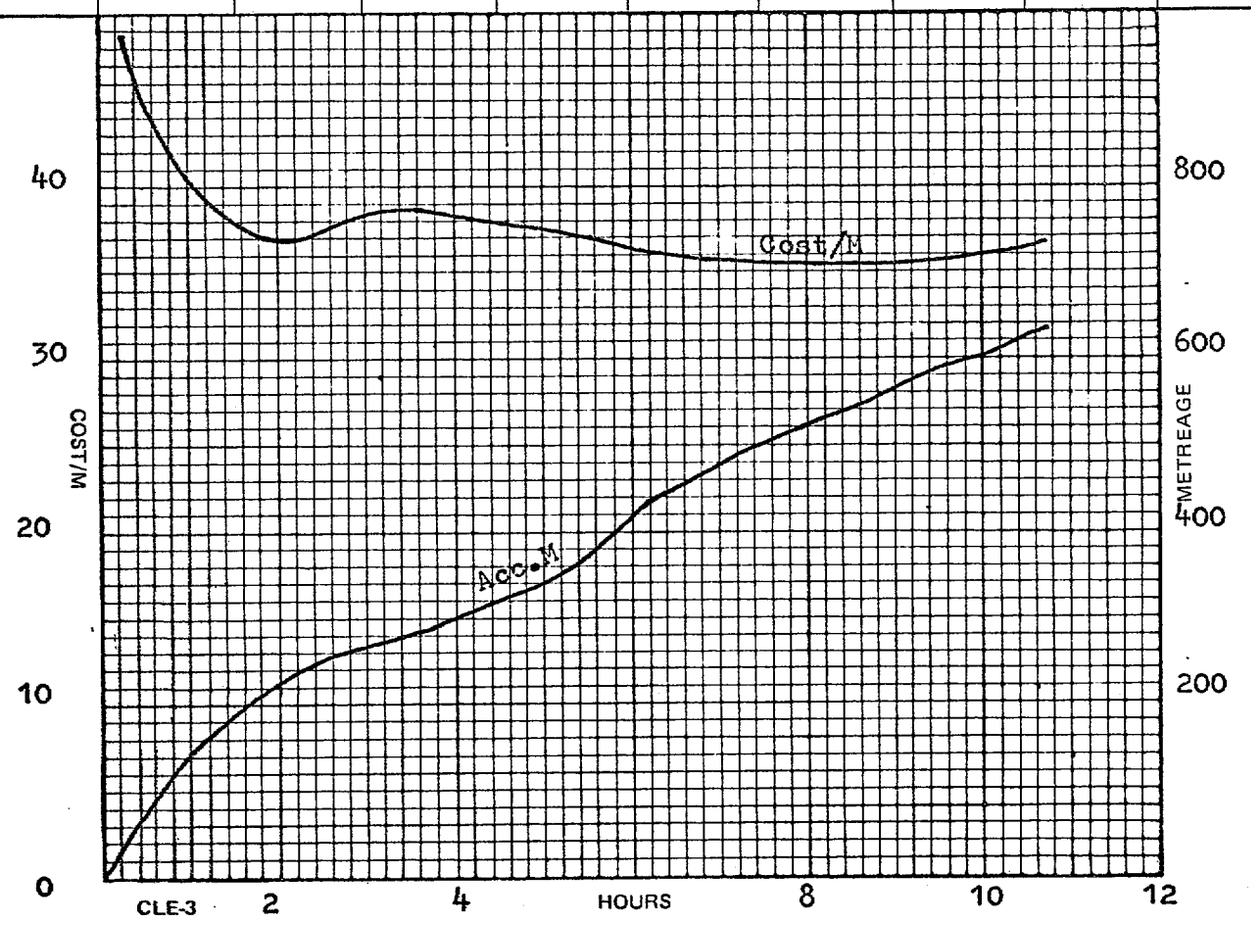
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN	242 - 875m

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
	HTC OSC-3AJ	444.5mm	633m	91000
	COST	JETS	HOURS RUN	CONDITION
	$1582	3 x 15.88mm	10.7	2.4.I.

RIG COST/HR $1700

TRIP TIME 2

HRS	BIT-TURNS	DEPTH	ACC M	COST M	HRS	BIT-TURNS	DEPTH	ACC M	COST M
1	4000	409	167	40.0					
2.1	13000	475	233	36.7					
3	22000	506	264	38.2					
4	31000	546	304	38.7					
5	40000	602	360	37.5					
6.1	50000	664	422	36.4					
7.5	62000	745	503	35.2					
8	66000	768	526	35.3					
9	76000	808	566	35.8					
10	85000	846	604	36.4					
10.7	91000	875	633	36.6					



CORE LAB **ESP**

COST PER METRE GRAPH

UNIT NO. 176 BIT NO. 3

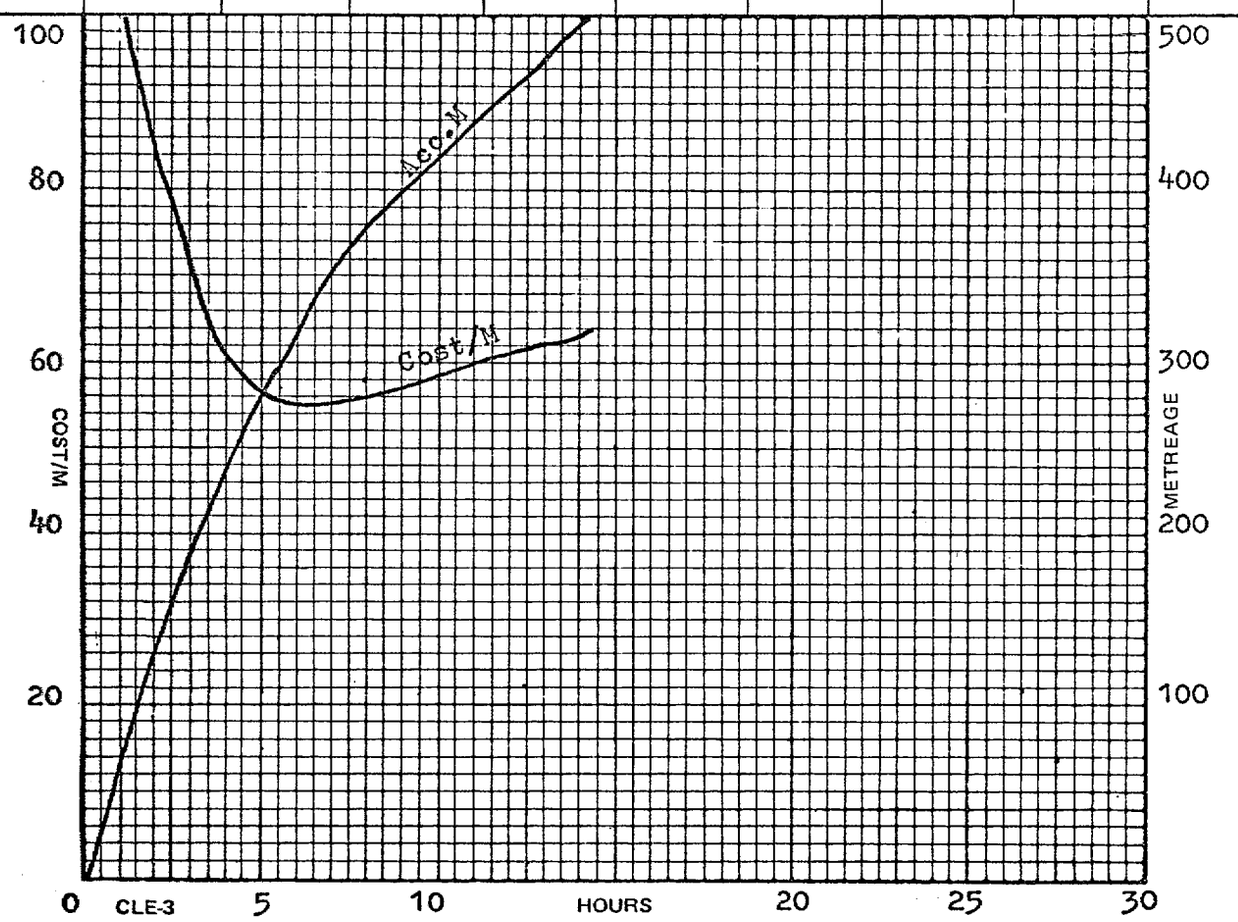
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND EASIN	875 - 1375m

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
	HTC	X3A	500m	139000
	COST	JETS	HOURS RUN	CONDITION
	$744	3 x 12.7mm	14.4	4.8.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	8000	935	60	154.1					
2	17000	993	118	92.7					
3	26000	1057	182	69.5					
4	35000	1108	233	61.6					
5	45000	1154	279	57.5					
6	55000	1194	319	55.6					
7.1	66000	1227	352	55.7					
8	76000	1252	377	56.0					
9	85000	1273	398	57.4					
10	94000	1294	419	58.6					
11.1	105000	1313	438	60.3					
12	114000	1329	454	61.5					
13	125000	1352	477	62.1					
14	135000	1370	495	63.3					
14.4	139000	1375	500	64.1					



COST PER METRE GRAPH

CORE LAB **ESP**

UNIT NO. 176 BIT NO. 4

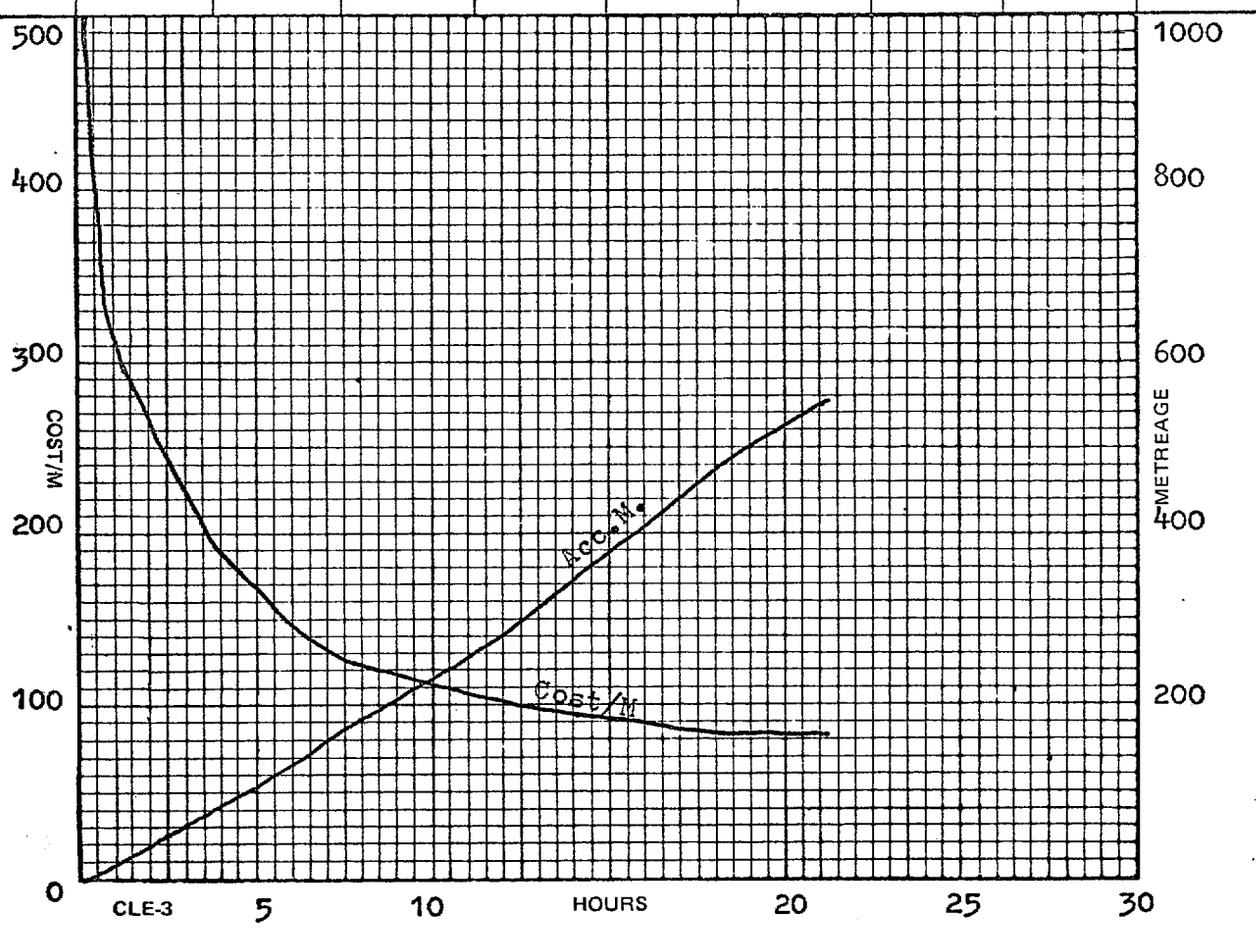
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN	1375 - 1930m

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
	HTC X3A	311.15mm	555m	206000
	COST $744	JETS 3 x 11.91mm	HOURS RUN 21.1	CONDITION 4.4.1/16

RIG COST/HR $1700

TRIP TIME 5

HRS	BIT-TURNS	DEPTH	ACC M	COST M	HRS	BIT-TURNS	DEPTH	ACC M	COST M
1	9000	1394	19	576	18	177000	1842	467	85.3
2	18000	1415	40	316	19	186000	1872	497	83.6
3	29000	1438	63	227.7	20	195000	1900	525	82.4
4	40000	1460	85	188.8	21	205000	1928	553	81.2
5	51000	1483	108	164.3	21.1	206000	1930	555	81.3
6	62000	1506	131	148.4					
7	72000	1533	158	133.8					
8	84000	1560	185	123.5					
9.2	96000	1590	215	115.7					
10	102000	1610	235	111.7					
11	110000	1634	259	107.3					
12	120000	1660	285	104.0					
13	133000	1694	319	98.0					
14	142000	1724	349	94.7					
15	151000	1756	381	91.2					
16	160000	1788	413	88.2					
17	168000	1814	439	86.9					



COST PER METRE GRAPH

CORE LAB **ESP**

UNIT NO. 176 BIT NO. 5

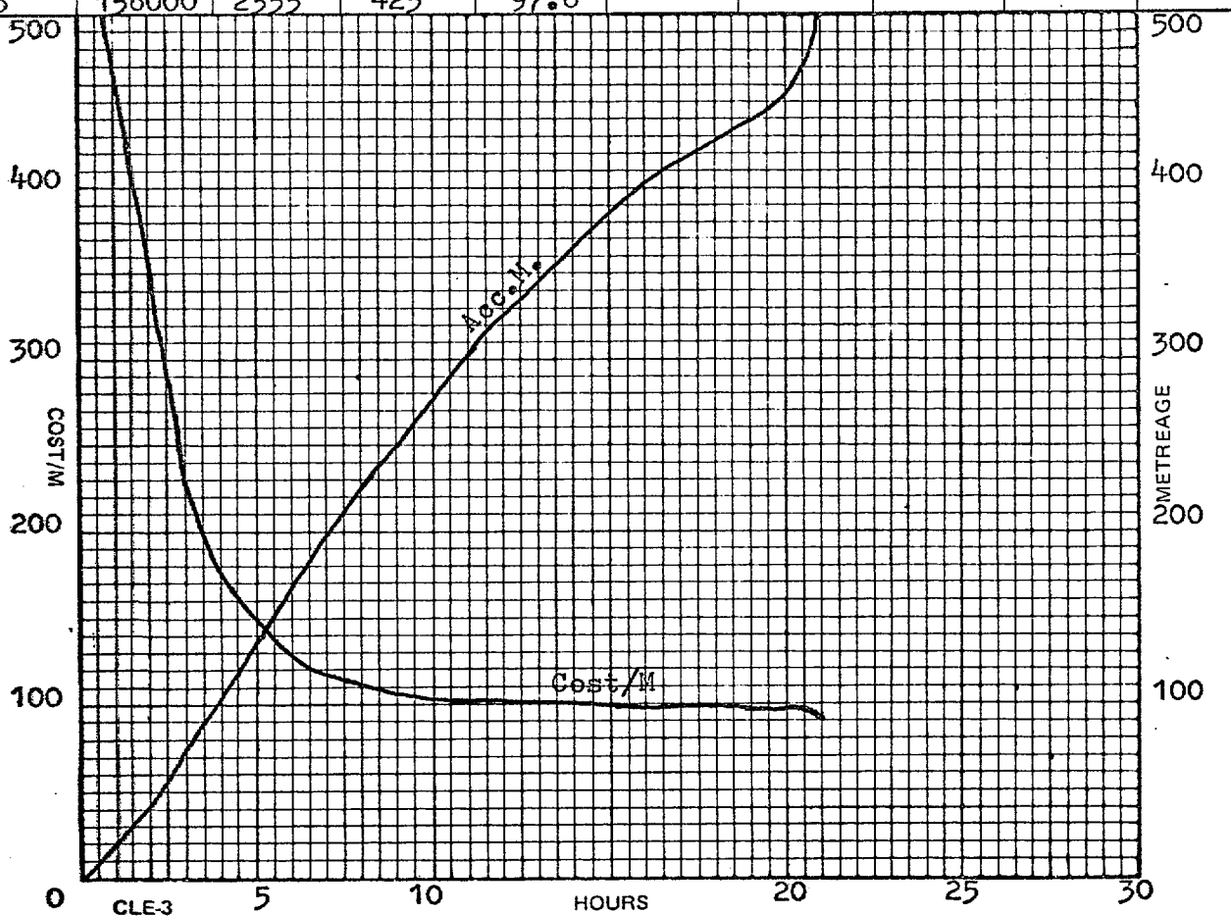
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN	1930 - 2444m

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
	HTC X3A	311.15mm	514	183000
	COST	JETS	HOURS RUN	CONDITION
	$744	3 x 11.91mm	21.1	3.7.1/8"

RIG COST/HR $1700

TRIP TIME 6

HRS	BIT-TURNS	DEPTH	ACC M	COST M	HRS	BIT-TURNS	DEPTH	ACC M	COST M
1	9000	1950	20	632.2	19	167000	2375	445	97.2
2	18000	1970	40	358.6	20	174000	2390	460	97.7
3	29000	2000	70	229.2	21	182000	2437	507	92.0
4	37000	2032	102	174.0	21.1	183000	2444	514	92.7
5	46000	2060	130	149.6					
6	55000	2096	166	127.4					
7	65000	2126	196	116.6					
8	74000	2150	220	111.6					
9	82000	2174	244	107.5					
10	91000	2200	270	103.5					
11	99000	2230	300	98.8					
12	108000	2257	327	95.8					
13	117000	2272	342	96.6					
14	126000	2294	364	95.5					
15	134000	2314	384	94.9					
16	141000	2330	400	95.36					
17	150000	2343	413	96.5					
18	158000	2355	425	97.8					



CLE-3

COST PER METRE GRAPH

CORE LAB ESP

UNIT NO. 176 BIT NO. 6

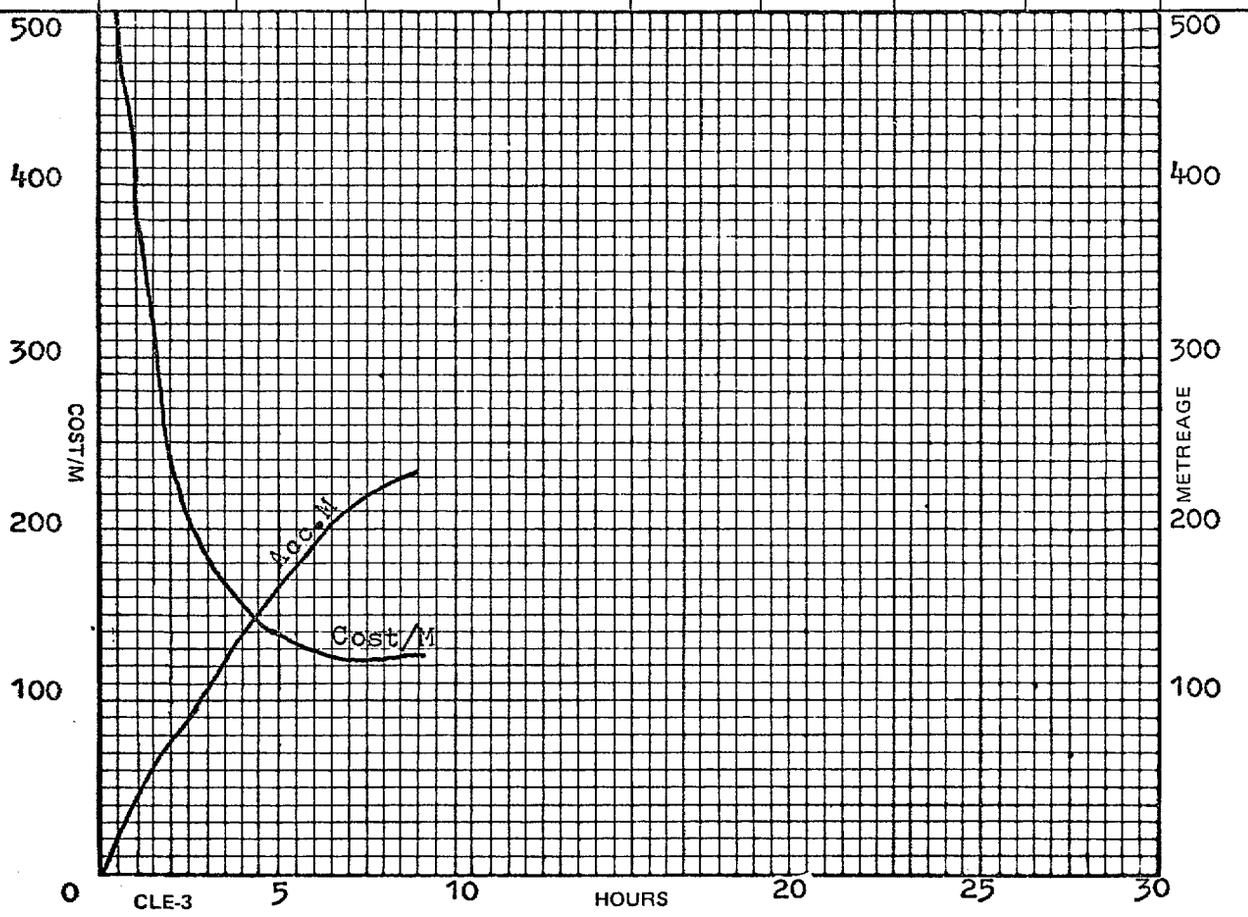
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN	2444 - 2675m

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
	HTC XDG	311.15mm	231m	75000
	COST	JETS	HOURS RUN	CONDITION
	$744	3 x 11.11mm	9.0	7.7.1/4"

RIG COST/HR $1700

TRIP TIME 8

HRS	BIT-TURNS	DEPTH	ACC M	COST M	HRS	BIT-TURNS	DEPTH	ACC M	COST M
1	7000	2482	42	382.0					
2	13000	2516	72	246.4					
3	22000	2550	106	183.4					
4	31000	2583	139	152.1					
5	40000	2612	168	136.0					
6	49000	2633	189	129.9					
7	58000	2656	212	123.8					
8	68000	2668	224	124.7					
9	75000	2675	231	128.3					



CORE LAB **ESP**

COST PER METRE GRAPH

UNIT NO. 176 BIT NO. 7

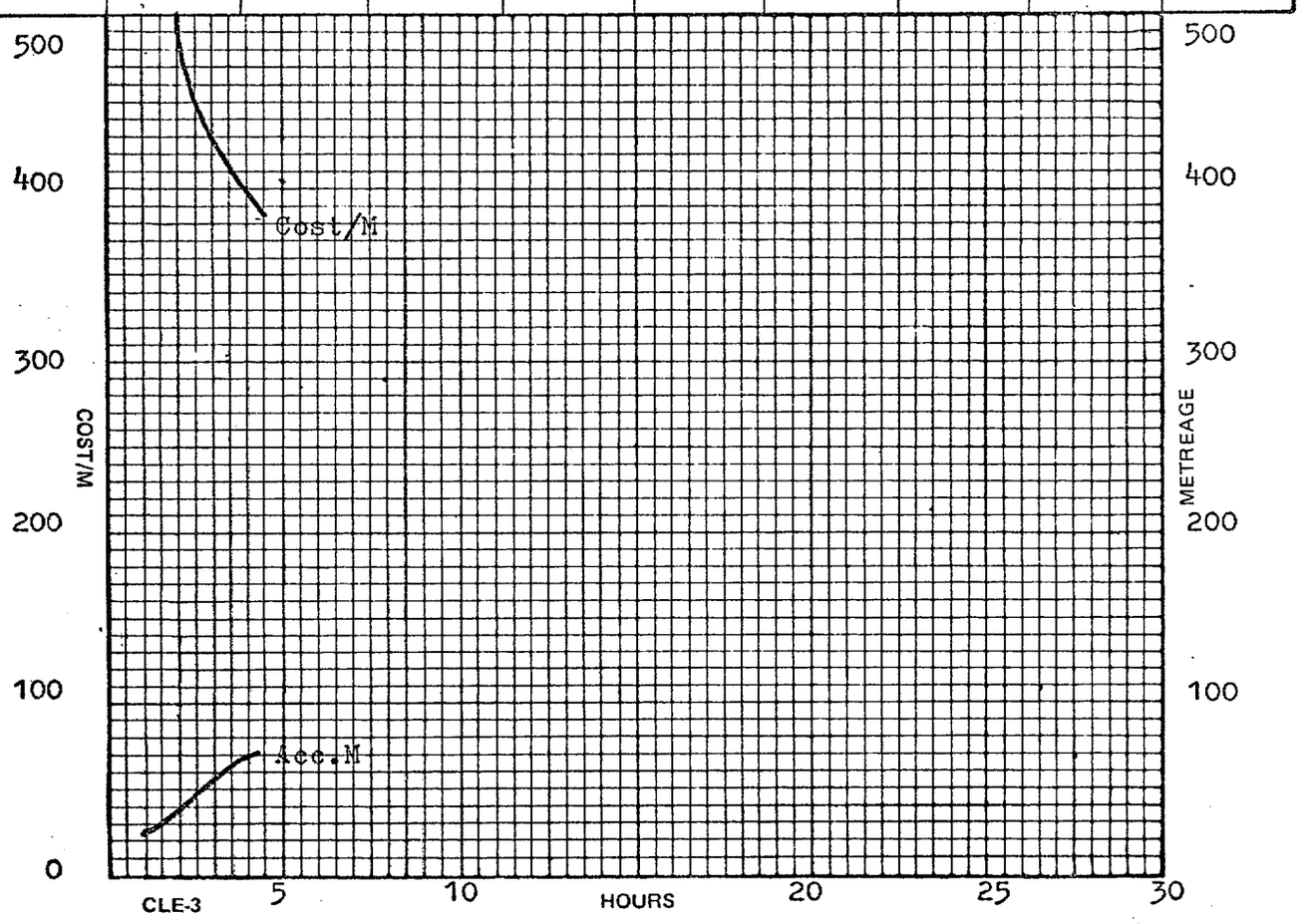
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN #1	GIPPSLAND BASIN	2675-2735

BIT	TYPE	SIZE	METREAGE?	TOTAL REVS.
HTC XDV		311.15 mm.	60	35000
	COST $744	JETS 3 x 11.11mm	HOURS RUN 4.1	CONDITION 4.4.1/8"

RIG COST/HR $1700

TRIP TIME 9

HRS	BIT-TURNS	DEPTH	ACC M	COST M	HRS	BIT-TURNS	DEPTH	ACC M	COST M
1	9000	2702	27	657.2					
2	22000	2711	36	540.1					
3	26000	2724	49	431.5					
4	34000	2732	57	400.77					
4.1	35000	2735	60	383.6					



CLE-3

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

MUD INFORMATION DATA SHEET

CORE LAB ESP

UNIT NO. 176 SHEET NO. 1

COMPANY	WELL	LOCATION
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN

DEPTH	388	675	875	1045	1358	1400	1424
DATE	24/2/79	25/2/79	25/2/79	27/2/79	28/2/79	28/2/79	28/2/79
TIME	2330	0800	1510	2210	1200	2300	2400
WEIGHT S.G.	1.04	1.08	1.09	1.09	1.09	1.09	1.09
FUNNEL VISCOSITY	30	36	32	33	33	35	33
PLASTIC VISCOSITY	4	7	6	6	7	9	8
YIELD POINT	7	12	12	18	10	14	12
GEL INITIAL/10 MIN	2/9	2/11	1/10	2/11	3/9	4/15	4/13
pH	8.7	9.7	9.8	11.1	9.4	10.0	10.1
FILTRATE API	50	33	27				
CAKE	2.3mm	1.6mm	1.6mm	1.6mm	1.6mm	1.6mm	1.6mm
SALINITY Cl^-	18000	18000	18500	18000	15000	17000	17000
SOLIDS/SAND/OIL	5/½/-	5/¼/-	6/¼/-	6/tr/-	5/-/-	6/-/-	6/-/-

REMARKS: Drill with seawater to 280 metres
Drill with seawater/gel from 280 metres.

MWO

DEPTH	1679	1900	1930	2025	2270	2444	2650
DATE	1/3/79	1/3/79	1/3/79	2/3/79	2/3/79	3/3/79	4/3/79
TIME	1200	2200	2330	1200	2330	1530	2400
WEIGHT S.G.	1.09	1.09	1.09	1.10	1.14	1.14	1.14
FUNNEL VISCOSITY	37	42	38	40	44	40	47
PLASTIC VISCOSITY	7	8	7	12	11	10	10
YIELD POINT	10	14	13	13	14	15	14
GEL INITIAL/10 MIN	3/10	5/18	4/14	2/6	3/9	4/10	4/11
pH	9.2	10	9.8	10.0	10.9	10.9	10.5
FILTRATE	n/c	n/c	n/c	6.8	7.2	6.0	5.0
CAKE mm's	2.4mm	2.4mm	2.4mm	1.6	0.8mm	0.8mm	0.8mm
SALINITY Cl^-	17000	18000	18000	18000	18000	20,000	17,000
SOLIDS/SAND/OIL	6/¼/-	7/tr/-	6/¼/-	6/tr/-	6/tr/-	8/¼/-	8/-/-

REMARKS: MUD OUT

CORE LAB **ESP**

MUD INFORMATION DATA SHEET

UNIT NO. 176 SHEET NO. 2

COMPANY	WELL	LOCATION
ESSO AUSTRALIA	THREADFIN #1	GIPPSLAND BASIN

DEPTH	2675	2700	2735				
DATE	4/3/79	4/3/79	5/3/79				
TIME	2230	2400	2230				
WEIGHT	1.14	1.14	1.14				
FUNNEL VISCOSITY	42	40	46				
PLASTIC VISCOSITY	11	10	13				
YIELD POINT	16	14	18				
GEL INITIAL/10 MIN	4/12	4/11	5/12				
$_{P}H$	10.7	10.5	10.8				
FILTRATE	5.0	5.0	5.4				
CAKE	1mm	1mm	0.8mm				
SALINITY	17000	17000	17000				
SOLIDS/SAND/OIL	8/tr/-	8/tr/-	8/tr/-				

REMARKS:

DEPTH							
DATE							
TIME							
WEIGHT							
FUNNEL VISCOSITY							
PLASTIC VISCOSITY							
YIELD POINT							
GEL INITIAL/10 MIN							
$_{P}H$							
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. 176 RUN NO. 2 BIT NO. 2

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN	242 - 875m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	OSC 3AJ	633m	91000
	SIZE	JETS	HOURS RUN	CONDITION
	444.5mm	3 x 15.88mm	10.7	2.4.I.

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127mm	108.6mm	
	HW DRILL PIPE			
	DRILL COLLARS	165.1mm	71.5mm	28.48m
	HW DRILL COLLARS	262.5mm	76.2mm	143.86m

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	508mm	485.75mm		224m	
RISER	508mm	476.25mm		L = 101.4m	

DEPTH	300	806				
WOB	6K	38K				
RPM	55	150				
PUMP RATE	109/112	109/108				
FLOWRATE	1104	1078				
PUMP PRESS	2112	2600				
MW (S.G.)	1.04	1.09				
PV	4	6				
YP	7	12				
SAND %	.25	.25				
TEMP. °C	26	38				
Psurface	30	30				
Pstring	1611	889				
Pbit	574	1729				
Pannulus	2	4				
Ptotal	2217	2652				
HHP	1224	1353				
IMPACTFORCE	2817	3042				
JET VEL	146	148				
DC/OH	33.5	32.9				
DP/OH	-	28.3				
DP/CSG	23.8	22.5				
ECD	1.04	1.1				

REMARKS;

Drill with seawater 242 - 280 metres

Drill with seawater/gel 280 metres on

Pump 1 down 269 - 286m
Pump 1 down 543 - 551m

Wiper trip prior to pooh for 'E' logs and running 339.73mm casing.

DS 3/4°

BIT RUN DATA SHEET.

CORE LAB **ESP**

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

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN	875 - 1375m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	X3A	500m	139000
	SIZE	JETS	HOURS RUN	CONDITION
	311.15mm	3 x 12.7mm	14.4	4.8.I.

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127mm	108.6mm	
	HW DRILL PIPE			
	DRILL COLLARS	165.1mm	71.5mm	28.48m
	HW DRILL COLLARS	262.5mm	76.2mm	173.62m

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	339.73mm	320.42mm	K55	861.5m	
RISER	508mm	476.25mm		L=101.4m	

DEPTH	920	1050	1311			
WOB	32	38	50			
RPM	160	150	168			
PUMP RATE	91/92	90/90	87/85			
FLOWRATE	914	898	863			
PUMP PRESS	3032	3034	2880			
MW SG	1.08	1.08	1.09			
PV	5	6	6			
YP	25	20	18			
SAND %	tr	tr	tr			
TEMP. °C	39	39	40			
Psurface	30	30	29			
Pstring	593	616	643			
Pbit	2388	2441	2168			
Pannulus	18	34	42			
Ptotal	3011	3121	2882			
HHP	1404	1436	1189			
IMPACTFORCE	2687	2728	2427			
JET VEL	175	174	166			
DC/OH	78	78	73			
DP/OH	54	54	50			
DP/CSG	50	50	46			
ECD	1.12	1.12	1.12			

REMARKS;

P.I.T. to 1.62 S.G. failed to break down the formation

1 Pump down 946 - 954 metres
1285 - 1309 "

Deviation Svy @ 875m 3/4°

BIT RUN DATA SHEET.

CORE LAB **ESP**

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

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN	1375-1930m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	X3A	555m	206000
	SIZE	JETS	HOURS RUN	CONDITION
	311.15mm	3x11.91mm	21.1	4.4.1/16UG.

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127mm	108.6mm	
	HW DRILL PIPE			
	DRILL COLLARS	165.1mm	71.5mm	28.48mm
	HW DRILL COLLARS	262.5mm	76.2mm	173.62mm

CASING & LINER	OD	ID	GRADE	SET AT	
	339.73mm	320.42mm	K55	861.5mm	HUNG AT.
RISER	508mm	476.25mm		L=101.4m	

DEPTH	1416	1533	1698	1812	1914	
WOB	43	48	48	40	45	
RPM	170	185	163	140	166	
PUMP RATE	86/76	75/80	76/67	75/73	75/75	
FLOWRATE	789	766	715	735	746	
PUMP PRESS	2868	2860	2709	3040	2900	
MW	1.09	1.09	1.09	1.09	1.09	
PV	6	9	9	9	9	
YP	14	14	14	14	14	
SAND %	tr	tr	tr	tr	tr	
TEMP. °C	40	41	45	49	51	
Psurface	28	28	28	29	29	
Pstring	586	778	789	891	856	
Pbit	2226	2028	1916	2116	1916	
Pannulus	38	27	30	32	33	
Ptotal	2878	2861	2763	3068	3034	
HHP	1096	946	866	1015	875	
IMPACTFORCE	2189	1985	1872	2081	1896	
JET VEL	168	160	155	163	156	
DC/OH	69	66	61	63	64	
DP/OH	48	46	42	43	44	
DP/CSG	44	42	39	41	41	
ECD S.G.	1.12	1.12	1.12	1.12	1.12	

REMARKS;

One Pump down 1375 - 1386 metres
1673 - 1676 "
1760 - 1770 "

Continuously adding water to active system to maintain 1.09 S.G. mud wt.

Deviation Svy @ 1375m ¼°

BIT RUN DATA SHEET.

CORE LAB **ESP**

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

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN	1930 - 2444m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	X3A	514m	83000
	SIZE	**JETS**	**HOURS RUN**	**CONDITION**
	311.15mm	3 x 11.91mm	21.1	3.7.1/8"

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127mm	108.6mm	
	HW DRILL PIPE			
	DRILL COLLARS	165.1mm	71.5mm	28.48m
	HW DRILL COLLARS	262.5mm	76.2mm	173.62m

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	339.73mm	320.42mm	K55	861.5m	
RISER	508mm	476.25mm		L=101.4m	

DEPTH	2068	2162	2258	2350	2385	
WOB	50K	43K	48K	40K	38K	
RPM	166	135	150	135	126	
PUMP RATE	77/74	73/66	71/74	72/70	69/69	
FLOWRATE	753	695	722	720	685	
PUMP PRESS	3070	2900	2950	3099	3039	
MW S.G.	1.10	1.14	1.14	1.14	1.14	
PV	7	12	12	11	11	
YP	13	13	13	14	14	
SAND %	tr	tr	tr	tr	tr	
TEMP. °C	49	53	55	52	52	
Psurface	29	28	29	29	29	
Pstring	921	901	937	980	975	
Pbit	2121	1987	2009	2049	1993	
Pannulus	37	38	40	41	42	
Ptotal	3108	2954	3015	3099	3039	
HHP	1026	905	911	947	909	
IMPACTFORCE	2100	1955	1965	2015	1961	
JET VEL	164	155	155	158	155	
DC/OH	64	59	62	60	59	
DP/OH	44	41	43	42	41	
DP/CSG	41	38	40	39	38	
ECD	1.13	1.16	1.16	1.15	1.15	

REMARKS;

Blocked flow-line at 2275m. 140bbl loss.

Increase mud weight to 1.14S.G. from 2080 metres.

Deviation Svy 3½°

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. 176 RUN NO. 6 BIT NO. 6

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN	2444 - 2675m

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	XDG	231	75000
	SIZE	JETS	HOURS RUN	CONDITION
	311.15mm	3 x 11.11mm	9.0	7.7.1/4"

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127mm	108.6mm	
	HW DRILL PIPE			
	DRILL COLLARS	165.1mm	71.5mm	28.48m
	HW DRILL COLLARS	262.5mm	76.2mm	173.62m

CASING & LINER	OD	ID	GRADE	SET AT	
	339.73mm	320.42mm	K55	861.5m	HUNG AT.
	508.00mm	476.25mm		L=101.4m	

DEPTH	2563	2651					
WOB	38	47					
RPM	150	156					
PUMP RATE	65/69	60/72					
FLOWRATE	670	655					
PUMP PRESS	2997	2821					
MW S.G.	1.14	1.14					
PV	12	12					
YP	16	16					
SAND %	¼%	¼%					
TEMP. °C	48	50					
Psurface	28	28					
Pstring	889	860					
Pbit	2038	1890					
Pannulus	41	42					
Ptotal	2996	2821					
HHP	820	732					
IMPACTFORCE	1747	1619					
JET VEL	157	151					
DC/OH	57	56					
DP/OH	39	39					
DP/CSG	37	36					
ECD S.G.	1.15	1.15					

REMARKS;

One pump down 2495 - 2510m

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. 176 RUN NO. 7 BIT NO. 7

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	THREADFIN # 1	GIPPSLAND BASIN	2675 - 2735

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	XDV	60 m	35000
	SIZE 311.15 mm	JETS 3 x 11.11mm	HOURS RUN 4.1	CONDITION 6/6/1/4

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	127mm	108.6 mm	
	HW DRILL PIPE			
	DRILL COLLARS	165.1 mm	71.5 mm	28.48 m
	HW DRILL COLLARS	262.5 mm	76.2 mm	173.62 m

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	339.73 mm	320.42 mm	K55	861.5 m	
RISER	508.0 mm	476.25mm	L =	101.4 m	

DEPTH	2688					
WOB	42					
RPM	145					
PUMP RATE	67/66					
FLOWRATE	663					
PUMP PRESS	3083					
MW	1.14					
PV	12					
YP	16					
SAND %	tr					
TEMP.	45					
Psurface	29					
Pstring	1013					
Pbit	2002					
Pannulus	47					
Ptotal	3081					
HHP	803					
IMPACTFORCE	1726					
JET VEL	156					
DC/OH	57					
DP/OH	39					
DP/CSG	36					
ECD	1.15					

REMARKS;

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	PDR	DEXP
64											
				NEW BIT ID:	2						
244.0	20:44	206.2	3	52	8.7	8.7	8.7	8.65	10.6	114.0	.28
246.0	20:45	344.6	6	72	8.7	8.7	8.8	8.65	10.6	88.7	.28
248.0	20:45	212.4	3	73	8.7	8.7	8.9	8.65	10.6	128.0	.35
256.0	20:55	177.9	2	68	8.7	8.7	8.9	8.65	10.6	128.0	.35
258.0	20:56	243.2	5	58	8.7	8.7	8.8	8.65	10.7	107.5	.30
260.0	20:57	229.3	8	56	8.7	8.7	8.9	8.65	10.7	80.9	.32
262.0	20:57	227.7	5	58	8.7	8.7	8.9	8.65	10.7	103.3	.30
264.0	20:58	247.3	6	58	8.7	8.7	9.0	8.65	10.7	97.5	.30
270.0	21: 6	196.8	5	64	8.7	8.7	9.0	8.65	10.7	92.3	.36
274.0	21:13	184.6	6	49	8.7	8.7	9.1	8.65	10.8	83.5	.32
89											
276.0	21:13	211.2	11	52	8.7	8.7	9.1	8.65	10.8	70.3	.33
278.0	21:14	229.3	11	62	8.7	8.7	9.1	8.65	10.8	69.5	.36
280.0	21:15	135.7	6	65	8.7	8.7	9.2	8.65	10.8	77.3	.43
282.0	21:15	146.7	7	65	8.7	8.7	9.2	8.65	10.8	75.9	.43
284.0	21:16	55.4	4	69	8.7	8.7	9.3	8.65	10.9	79.2	.57
286.0	21:26	147.4	7	52	8.7	8.7	9.1	8.65	10.9	76.5	.40
288.0	21:27	108.0	7	49	8.7	8.7	9.1	8.65	10.9	78.5	.44
290.0	21:28	108.4	7	50	8.7	8.7	9.2	8.65	10.9	82.0	.44
292.0	21:38	123.0	4	51	8.7	8.7	8.8	8.65	10.9	99.1	.39
294.0	21:38	190.4	6	51	8.7	8.7	8.9	8.65	10.9	84.6	.33
106											
298.0	21:41	182.5	1	53	8.7	8.7	9.0	8.65	10.9	128.0	.25
300.0	21:41	135.9	7	56	8.7	8.7	9.0	8.65	11.0	77.4	.43
304.0	21:53	154.7	5	58	8.7	8.7	8.8	8.65	11.0	91.9	.38
306.0	21:54	150.3	11	68	8.7	8.7	8.9	8.65	11.0	63.0	.49
308.0	21:55	126.3	9	73	8.7	8.7	8.9	8.65	11.0	65.1	.52
310.0	21:56	175.5	5	74	8.7	8.7	9.0	8.65	11.0	90.2	.40
312.0	21:57	181.5	1	71	8.7	8.7	9.1	8.65	11.0	128.0	.30
314.0	22: 9	125.1	9	62	8.7	8.7	8.8	8.65	11.0	65.0	.50
316.0	22:10	193.8	11	64	8.7	8.7	8.8	8.65	11.0	66.4	.41
318.0	22:11	153.0	13	68	8.7	8.7	8.9	8.65	11.1	58.2	.50
123											
320.0	22:12	129.1	10	75	8.7	8.7	9.0	8.65	11.1	63.7	.53
322.0	22:13	185.1	12	73	8.7	8.7	9.0	8.65	11.1	64.4	.46
324.0	22:20	131.4	8	59	8.7	8.7	9.0	8.65	11.1	71.3	.47
326.0	22:21	167.2	8	88	8.7	8.7	9.0	8.65	11.1	73.7	.48
328.0	22:22	115.8	6	90	8.7	8.7	9.0	8.65	11.1	80.7	.53
330.0	22:23	109.6	7	88	8.7	8.7	9.0	8.65	11.1	74.1	.57
332.0	22:30	119.6	6	85	8.7	8.7	9.0	8.65	11.1	77.4	.52
334.0	22:30	239.1	9	89	8.7	8.7	9.0	8.65	11.1	73.3	.42
336.0	22:31	252.8	8	92	8.7	8.7	9.1	8.65	11.2	80.3	.40
338.0	22:31	250.3	9	90	8.7	8.7	9.1	8.65	11.2	74.0	.41
143											
342.0	22:38	236.7	9	80	8.7	8.7	9.1	8.65	11.2	76.8	.39
344.0	22:39	168.1	9	74	8.7	8.7	9.0	8.65	11.2	70.6	.45
346.0	22:40	164.9	8	88	8.7	8.7	9.1	8.65	11.2	75.6	.48
348.0	22:40	205.7	10	86	8.7	8.7	9.1	8.65	11.2	72.5	.44
350.0	22:41	184.1	9	87	8.7	8.7	9.2	8.65	11.2	73.5	.46
352.0	22:48	137.1	7	80	8.7	8.7	9.0	8.65	11.2	80.9	.49
354.0	22:49	217.8	11	84	8.7	8.7	9.0	8.65	11.3	67.1	.44

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
157											
356.0	22:50	168.7	9	85	8.7	8.7	9.1	8.65	11.3	71.7	.48
358.0	22:50	185.3	10	85	8.7	8.7	9.1	8.65	11.3	69.8	.47
360.0	22:57	185.8	6	85	8.7	8.7	9.0	8.65	11.3	86.5	.43
362.0	22:58	206.2	7	81	8.7	8.7	9.0	8.65	11.3	80.7	.41
364.0	22:58	198.4	8	81	8.7	8.7	9.1	8.65	11.3	76.6	.43
366.0	22:59	213.4	12	82	8.7	8.7	9.1	8.65	11.3	64.7	.46
368.0	23: 0	127.7	10	83	8.7	8.7	9.2	8.65	11.3	64.4	.55
370.0	23: 6	111.7	10	67	8.7	8.7	9.0	8.65	11.3	62.4	.54
372.0	23: 7	260.0	6	74	8.7	8.7	9.1	8.65	11.3	88.3	.34
374.0	23: 8	212.6	9	75	8.7	8.7	9.1	8.65	11.4	73.3	.41
172											
376.0	23: 9	208.0	17	75	8.7	8.7	9.1	8.65	11.4	57.5	.47
380.0	23:17	258.1	16	66	8.7	8.7	9.0	8.65	11.4	61.6	.38
382.0	23:18	158.2	11	93	8.7	8.7	9.0	8.65	11.4	63.1	.53
384.0	23:19	177.8	13	92	8.7	8.7	9.1	8.65	11.4	59.4	.53
386.0	23:19	164.2	13	92	8.7	8.7	9.1	8.65	11.4	57.9	.55
388.0	23:20	149.9	11	93	8.7	8.7	9.1	8.65	11.4	62.1	.55
390.0	23:27	138.7	9	91	8.7	8.7	9.0	8.65	11.4	67.7	.54
392.0	23:27	192.6	15	87	8.7	8.7	9.0	8.65	11.4	57.0	.51
394.0	23:28	160.0	12	88	8.7	8.7	9.1	8.65	11.5	61.5	.53
396.0	23:29	155.6	13	95	8.7	8.7	9.1	8.65	11.5	58.7	.56
191											
398.0	23:38	121.9	9	90	8.7	8.7	9.1	8.65	11.5	67.4	.56
400.0	23:41	40.4	4	93	8.7	8.7	8.9	8.65	11.5	73.0	.73
402.0	23:45	39.9	5	90	8.7	8.7	8.9	8.65	11.5	67.8	.74
404.0	23:46	76.3	9	87	8.7	8.7	8.9	8.65	11.5	58.3	.67
406.0	23:47	99.3	10	86	8.7	8.7	8.9	8.65	11.5	58.2	.62
408.0	23:54	103.0	8	87	8.7	8.7	9.0	8.65	11.5	63.3	.59
410.0	23:56	59.0	9	86	8.7	8.7	9.0	8.65	11.5	54.7	.72
412.0	23:58	65.0	10	84	8.7	8.7	9.0	8.65	11.5	52.6	.71
414.0	0: 0	64.4	10	85	8.7	8.7	9.0	8.65	11.5	53.4	.71
416.0	0: 2	57.2	9	85	8.7	8.7	9.0	8.65	11.6	53.2	.73
211											
418.0	0:11	63.2	9	80	8.7	8.7	8.9	8.65	11.6	55.9	.69
420.0	0:14	46.4	10	85	8.7	8.7	8.9	8.65	11.6	47.6	.80
422.0	0:17	46.5	11	83	8.7	8.7	8.9	8.65	11.6	46.3	.80
424.0	0:20	42.0	10	98	8.7	8.7	8.9	8.65	11.6	46.3	.84
426.0	0:22	54.5	12	101	8.7	8.7	8.9	8.65	11.6	44 8	.82
428.0	0:30	59.4	12	105	8.7	8.7	8.9	8.65	11.6	44.8	.81
430.0	0:32	53.6	10	139	8.7	8.7	8.9	8.65	11.6	45.0	.88
432.0	0:33	81.2	11	156	8.7	8.7	8.9	8.65	11.6	46.4	.83
434.0	0:35	86.3	11	160	8.7	8.7	8.9	8.65	11.6	48.2	.81
436.0	0:36	104.7	12	161	8.7	8.7	9.0	8.65	11.6	49.8	.77
231											
438.0	0:44	83.5	10	152	8.7	8.7	9.0	8.65	11.7	51.5	.79
440.0	0:46	73.7	9	164	8.7	8.7	9.0	8.65	11.7	52.0	.82
442.0	0:48	59.9	8	166	8.7	8.7	9.0	8.65	11.7	53.8	.85
444.0	0:50	63.5	9	163	8.7	8.7	8.9	8.65	11.7	50.3	.85
446.0	0:52	68.0	10	161	8.7	8.7	9.0	8.65	11.7	48.3	.85
448.0	0:59	85.9	9	139	8.7	8.7	8.9	8.65	11.7	53.7	.75
450.0	1: 1	69.5	10	157	8.7	8.7	9.0	8.65	11.7	47.5	.84
452.0	1: 3	75.3	11	157	8.7	8.7	9.0	8.65	11.7	47.0	.83
454.0	1: 4	73.7	11	156	8.7	8.7	9.0	8.65	11.7	46.3	.84
456.0	1:13	70.5	12	139	8.7	8.7	9.0	8.65	11.7	44.6	.84
251											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
251											
458.0	1:15	56.8	10	160	8.7	8.7	9.0	8.65	11.7	46.8	.88
460.0	1:17	52.9	9	163	8.7	8.7	8.9	8.65	11.7	46.9	.90
462.0	1:19	62.6	10	161	8.7	8.7	8.9	8.65	11.8	47.1	.87
464.0	1:21	60.6	10	161	8.7	8.7	8.9	8.65	11.8	47.0	.87
466.0	1:28	78.3	10	160	8.7	8.7	9.0	8.65	11.8	49.5	.82
468.0	1:31	49.1	9	158	8.7	8.7	9.0	8.65	11.8	48.8	.89
470.0	1:33	51.9	10	159	8.7	8.7	9.0	8.65	11.8	44.8	.91
472.0	1:35	54.9	11	157	8.7	8.7	8.9	8.65	11.8	43.1	.91
474.0	1:37	59.4	12	157	8.7	8.7	8.9	8.65	11.8	41.8	.91
476.0	1:44	57.2	11	149	8.7	8.7	9.0	8.65	11.8	44.0	.89
271											
478.0	1:47	41.2	10	157	8.7	8.7	8.9	8.65	11.8	43.8	.95
480.0	1:50	41.3	9	158	8.7	8.7	8.9	8.65	11.8	44.5	.94
482.0	1:52	66.4	11	155	8.7	8.7	8.9	8.65	11.8	46.8	.85
484.0	1:54	72.5	12	154	8.7	8.7	8.9	8.65	11.8	44.7	.85
486.0	2: 2	56.7	11	144	8.7	8.7	9.0	8.65	11.9	45.5	.88
488.0	2: 4	55.2	11	158	8.7	8.7	9.0	8.65	11.9	45.0	.90
490.0	2: 7	46.8	10	160	8.7	8.7	9.0	8.65	11.9	44.1	.93
492.0	2: 9	47.4	12	158	8.7	8.7	9.0	8.65	11.9	40.2	.96
494.0	2:12	45.9	12	158	8.7	8.7	9.0	8.65	11.9	38.8	.97
496.0	2:20	50.0	14	148	8.7	8.7	8.9	8.65	11.9	37.6	.96
291											
498.0	2:23	54.2	15	158	8.7	8.7	8.9	8.65	11.9	35.7	.97
500.0	2:26	47.4	15	159	8.8	8.8	8.9	8.65	11.9	30.7	1.07
502.0	2:30	42.4	15	159	8.8	8.8	8.9	8.65	11.9	30.3	1.08
504.0	2:48	10.1	16	161	8.8	8.8	8.9	8.65	11.9	13.3	1.42
506.0	2:53	27.6	16	161	8.8	8.8	8.9	8.65	11.9	24.9	1.19
508.0	3: 2	13.6	17	163	8.8	8.8	8.9	8.65	11.9	16.5	1.35
510.0	3: 4	60.0	18	156	8.8	8.8	8.9	8.65	11.9	32.6	.98
512.0	3: 7	46.1	18	159	8.8	8.8	9.0	8.65	12.0	28.9	1.07
514.0	3:14	46.1	16	147	8.8	8.8	9.0	8.65	12.0	32.1	1.02
516.0	3:17	68.0	17	155	8.8	8.8	9.0	8.65	12.0	34.2	.97
311											
518.0	3:23	18.7	18	158	8.8	8.8	9.0	8.65	12.0	19.4	1.29
520.0	3:28	35.0	17	157	8.8	8.8	9.0	8.65	12.0	27.1	1.13
522.0	3:30	47.8	12	160	8.8	8.8	9.0	8.65	12.0	41.3	.95
524.0	3:42	27.4	15	148	8.8	8.8	8.9	8.65	12.0	27.7	1.14
526.0	3:45	39.1	17	161	8.8	8.8	8.9	8.65	12.0	27.8	1.11
528.0	3:48	57.8	21	154	8.8	8.8	8.9	8.65	12.0	28.4	1.04
530.0	3:49	66.0	21	155	8.8	8.8	9.0	8.65	12.0	31.0	.99
532.0	3:51	77.6	20	154	8.8	8.8	9.0	8.65	12.0	34.6	.93
534.0	3:59	42.7	20	151	8.8	8.8	9.0	8.65	12.0	28.1	1.08
536.0	4: 1	80.6	21	154	8.8	8.8	9.0	8.65	12.0	33.6	.94
331											
538.0	4: 2	80.8	23	154	8.8	8.8	9.0	8.65	12.1	32.8	.94
540.0	4: 4	90.0	22	156	8.8	8.8	9.1	8.65	12.1	34.3	.92
544.0	4:14	54.4	19	150	8.8	8.9	9.0	8.65	12.1	30.6	1.01
546.0	4:18	34.1	14	162	8.9	9.0	9.1	8.65	12.1	30.0	1.08
548.0	4:22	28.4	10	163	8.9	9.0	9.1	8.65	12.1	36.6	1.02
550.0	4:28	23.4	12	161	8.9	9.0	9.1	8.65	12.1	29.5	1.12
552.0	4:36	54.8	15	147	8.9	9.0	9.1	8.65	12.1	36.9	.95
554.0	4:37	64.3	20	151	8.9	9.0	9.1	8.65	12.1	34.0	.96
556.0	4:39	63.1	21	150	8.9	9.0	9.2	8.65	12.1	33.0	.98
558.0	4:41	71.7	22	150	8.9	9.0	9.2	8.65	12.1	33.7	.95
352											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
352											
560.0	4:43	71.7	23	155	8.9	9.0	9.2	8.65	12.1	33.8	.96
562.0	4:50	60.5	19	139	8.9	9.0	9.1	8.65	12.1	35.2	.95
564.0	4:52	55.7	26	152	8.9	9.0	9.2	8.65	12.2	27.2	1.06
566.0	4:53	71.1	27	154	8.9	9.0	9.2	8.65	12.2	29.2	1.01
568.0	4:55	68.9	27	154	8.9	9.0	9.2	8.65	12.2	28.7	1.02
570.0	4:57	67.5	26	155	8.9	9.0	9.2	8.65	12.2	30.0	1.01
572.0	5: 4	69.3	22	142	8.9	9.0	9.1	8.65	12.2	33.9	.95
574.0	5: 5	160.7	26	154	8.9	9.0	9.2	8.65	12.2	39.6	.78
576.0	5: 6	124.4	24	160	8.9	9.0	9.2	8.65	12.2	38.1	.84
578.0	5: 7	110.7	26	159	8.9	9.0	9.2	8.65	12.2	35.5	.88
372											
580.0	5:16	98.2	21	145	8.9	9.0	9.2	8.65	12.2	39.0	.85
582.0	5:17	104.5	21	164	8.9	9.0	9.1	8.65	12.2	38.6	.87
584.0	5:18	84.0	21	169	8.9	9.0	9.1	8.65	12.2	36.2	.93
586.0	5:21	46.0	18	176	8.9	9.0	9.2	8.65	12.2	32.4	1.06
588.0	5:23	51.7	17	169	8.9	9.0	9.2	8.65	12.2	35.7	1.01
590.0	5:32	68.8	18	149	8.9	9.0	9.1	8.65	12.2	37.7	.92
592.0	5:34	56.1	15	153	8.9	9.0	9.1	8.65	12.3	38.7	.95
594.0	5:36	54.8	13	156	8.9	9.0	9.1	8.65	12.3	43.0	.92
596.0	5:38	55.2	13	156	8.9	9.0	9.1	8.65	12.3	43.2	.92
598.0	5:41	43.2	12	157	8.9	9.0	9.1	8.65	12.3	42.2	.96
392											
600.0	5:50	37.5	12	157	8.9	9.0	9.1	8.65	12.3	39.8	1.00
602.0	5:53	37.7	20	163	8.9	9.0	9.1	8.65	12.3	28.4	1.12
604.0	5:55	71.2	26	156	8.9	9.0	9.1	8.65	12.3	29.3	1.01
606.0	5:57	69.1	27	154	8.9	9.0	9.1	8.65	12.3	28.6	1.03
608.0	6:15	58.4	23	138	8.9	9.0	9.0	8.65	12.3	30.2	1.01
610.0	6:17	59.7	25	131	8.9	9.0	9.0	8.65	12.3	29.0	1.01
612.0	6:19	65.9	29	131	8.9	9.0	9.0	8.65	12.3	26.6	1.02
614.0	6:21	71.8	26	133	8.9	9.0	9.0	8.65	12.3	30.2	.97
616.0	6:22	90.4	25	134	8.9	9.0	9.1	8.65	12.3	34.2	.90
618.0	6:30	44.3	24	131	8.9	9.0	9.1	8.65	12.3	27.4	1.07
412											
620.0	6:32	72.9	22	147	8.9	9.0	9.1	8.65	12.4	34.8	.94
622.0	6:34	67.8	22	150	8.9	9.0	9.1	8.65	12.4	33.4	.97
624.0	6:35	82.2	25	152	8.9	9.0	9.2	8.65	12.4	33.2	.95
626.0	6:37	82.6	26	152	8.9	9.0	9.2	8.65	12.4	32.9	.95
628.0	6:44	75.4	24	141	8.9	9.0	9.1	8.65	12.4	33.4	.94
630.0	6:46	54.4	22	156	8.9	9.0	9.1	8.65	12.4	30.9	1.04
632.0	6:49	47.9	22	156	8.9	9.0	9.1	8.65	12.4	30.2	1.06
634.0	6:51	46.2	20	156	8.9	9.0	9.2	8.65	12.4	31.7	1.05
636.0	6:53	65.7	26	152	8.9	9.0	9.2	8.65	12.4	30.3	1.01
638.0	7: 1	61.9	24	142	8.9	9.0	9.1	8.65	12.4	31.2	1.00
432											
640.0	7: 3	59.5	25	153	8.9	9.0	9.1	8.65	12.4	29.1	1.04
642.0	7: 5	62.1	23	159	8.9	9.0	9.1	8.65	12.4	31.2	1.04
644.0	7: 7	72.1	24	155	8.9	9.0	9.1	8.65	12.4	32.3	.98
646.0	7: 9	59.6	26	154	8.9	9.0	9.1	8.65	12.4	29.1	1.05
648.0	7:15	66.2	21	156	8.9	9.0	9.1	8.65	12.4	34.2	.98
650.0	7:18	47.4	25	161	8.9	9.0	9.1	8.65	12.5	26.8	1.11
652.0	7:19	82.8	24	161	8.9	9.0	9.2	8.65	12.5	34.0	.95
654.0	7:21	70.8	26	159	8.9	9.0	9.2	8.65	12.5	31.3	1.01
656.0	7:23	56.6	25	160	8.9	9.0	9.2	8.65	12.5	28.7	1.07
658.0	7:33	29.4	22	149	8.9	9.0	9.1	8.65	12.5	23.9	1.20
452											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
452											
660.0	7:34	70.9	21	154	8.9	9.0	9.1	8.65	12.5	35.1	.96
662.0	7:36	60.9	22	154	8.9	9.0	9.1	8.65	12.5	32.5	1.01
664.0	7:39	56.3	22	155	9.0	9.0	9.1	8.65	12.5	30.5	1.05
666.0	7:46	65.8	22	143	9.0	9.0	9.1	8.65	12.5	33.7	.98
668.0	7:48	63.4	25	158	9.0	9.0	9.1	8.65	12.5	30.6	1.03
670.0	7:49	72.0	26	157	9.0	9.0	9.2	8.65	12.5	31.3	1.01
672.0	7:51	95.2	25	158	9.0	9.0	9.2	8.65	12.5	34.5	.94
674.0	7:52	92.9	26	157	9.0	9.0	9.2	8.65	12.5	34.8	.93
676.0	7:59	91.2	23	148	9.0	9.0	9.2	8.65	12.5	36.1	.93
678.0	8: 1	62.5	21	154	9.0	9.0	9.2	8.65	12.5	35.7	.97
472											
680.0	8: 3	56.7	25	151	9.0	9.0	9.2	8.65	12.5	30.9	1.04
682.0	8: 5	67.3	25	152	9.0	9.0	9.3	8.65	12.6	34.6	.99
684.0	8: 7	65.5	23	154	9.0	9.0	9.3	8.65	12.6	35.0	.97
686.0	8:14	76.0	22	133	9.0	9.0	9.2	8.65	12.6	37.7	.90
688.0	8:16	56.0	21	155	9.0	9.0	9.2	8.65	12.6	34.2	1.01
690.0	8:19	74.8	26	153	9.0	9.0	9.2	8.65	12.6	28.9	1.07
692.0	8:20	110.0	26	150	9.0	9.0	9.3	8.65	12.6	37.8	.86
694.0	8:21	99.5	24	157	9.0	9.0	9.3	8.65	12.6	38.5	.88
696.0	8:29	81.3	22	102	9.0	9.0	9.2	8.65	12.6	42.8	.79
698.0	8:30	93.3	25	150	9.0	9.0	9.2	8.65	12.6	37.2	.90
492											
700.0	8:31	84.2	25	152	9.0	9.0	9.3	8.65	12.6	35.7	.94
702.0	8:33	76.1	23	154	9.0	9.0	9.3	8.65	12.6	37.2	.94
704.0	8:35	47.2	21	157	9.0	9.0	9.3	8.65	12.6	34.3	1.04
706.0	8:44	75.3	14	136	9.0	9.0	9.2	8.65	12.6	48.8	.82
708.0	8:46	63.3	26	148	9.0	9.0	9.2	8.65	12.6	31.7	1.03
710.0	8:47	97.5	22	150	9.0	9.0	9.2	8.65	12.6	40.2	.87
712.0	8:49	76.3	21	152	9.0	9.0	9.3	8.65	12.6	39.0	.92
714.0	8:56	62.7	24	141	9.0	9.0	9.2	8.65	12.7	34.2	.98
716.0	8:58	65.0	22	163	9.0	9.0	9.2	8.65	12.7	35.2	1.00
718.0	9: 0	52.2	22	164	9.0	9.0	9.2	8.65	12.7	32.9	1.05
512											
720.0	9: 2	50.5	25	162	9.0	9.0	9.2	8.65	12.7	30.4	1.08
722.0	9: 5	40.9	23	164	9.0	9.0	9.3	8.65	12.7	29.7	1.12
724.0	9:13	47.3	23	160	9.0	9.0	9.2	8.65	12.7	31.2	1.08
726.0	9:15	40.6	24	156	9.0	9.0	9.2	8.65	12.7	28.9	1.13
728.0	9:19	35.5	26	155	9.0	9.0	9.2	8.65	12.7	25.9	1.18
730.0	9:22	40.9	27	154	9.0	9.0	9.2	8.65	12.7	26.7	1.15
732.0	9:25	33.3	28	154	9.0	9.0	9.2	8.65	12.7	23.0	1.23
734.0	9:34	33.9	27	145	9.0	9.0	9.2	8.65	12.7	24.7	1.19
736.0	9:37	46.2	29	149	9.0	9.0	9.2	8.65	12.7	25.9	1.14
738.0	9:38	67.4	29	151	9.0	9.0	9.2	8.65	12.7	30.4	1.04
532											
740.0	9:40	70.0	29	149	9.0	9.0	9.2	8.65	12.7	31.1	1.02
742.0	9:41	203.2	28	148	9.0	9.0	9.2	8.65	12.7	43.4	.72
744.0	9:50	46.8	29	146	9.0	9.0	9.2	8.65	12.7	26.8	1.13
746.0	9:53	53.9	29	158	9.0	9.0	9.2	8.65	12.8	27.2	1.12
748.0	9:55	49.9	30	155	9.0	9.0	9.2	8.65	12.8	26.8	1.13
750.0	9:58	43.7	28	159	9.0	9.0	9.2	8.65	12.8	26.1	1.16
752.0	10: 6	29.8	28	155	9.0	9.0	9.2	8.65	12.8	21.6	1.27
754.0	10:10	39.5	29	157	9.0	9.0	9.2	8.65	12.8	24.1	1.20
756.0	10:10	181.2	28	154	9.0	9.0	9.2	8.65	12.8	41.1	.78
758.0	10:13	45.4	29	158	9.0	9.0	9.2	8.65	12.8	25.5	1.17
552											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
552											
760.0	10:21	38.3	28	151	9.0	9.0	9.2	8.65	12.8	25.1	1.18
762.0	10:24	45.0	30	150	9.0	9.0	9.2	8.65	12.8	25.7	1.15
764.0	10:26	49.4	30	156	9.0	9.0	9.2	8.65	12.8	26 5	1.14
766.0	10:29	50.6	30	159	9.0	9.0	9.2	8.65	12.8	26.7	1.14
768.0	10:31	51.3	30	157	9.0	9.0	9.2	8.65	12.8	27.0	1.13
770.0	10:38	41.3	30	155	9.0	9.0	9.2	8.65	12.8	24.9	1.18
772.0	10:41	42.0	30	152	9.0	9.0	9.2	8.65	12.8	25.0	1.18
774.0	10:43	68.2	30	151	9.0	9.0	9.2	8.65	12.8	29.8	1.05
776.0	11: 8	49.6	29	138	9.0	9.0	9.1	8.65	12.8	27.5	1.11
778.0	11:11	45.9	31	145	9.0	9.0	9.1	8.65	12.8	24.5	1.17
572											
780.0	11:17	64.1	29	132	9.0	9.0	9.1	8.65	12.9	30.1	1.03
782.0	11:20	53.9	31	148	9.0	9.0	9.1	8.65	12.9	26.7	1.12
784.0	11:21	69.1	32	147	9.0	9.0	9.1	8.65	12.9	28.9	1.05
786.0	11:23	60.4	32	147	9.0	9.0	9.2	8.65	12.9	27.7	1.09
788.0	11:26	49.8	33	147	9.0	9.0	9.2	8.65	12.9	25.3	1.15
790.0	11:34	37.4	31	144	9.0	9.0	9.2	8.65	12.9	24.0	1.20
792.0	11:36	44.3	30	152	9.0	9.0	9.2	8.65	12.9	26.4	1.16
794.0	11:38	53.0	30	149	9.0	9.0	9.2	8.65	12.9	28.1	1.11
796.0	11:41	48.3	31	149	9.0	9.0	9.2	8.65	12.9	26.5	1.15
798.0	11:44	46.2	31	148	9.0	9.0	9.2	8.65	12.9	26.4	1.15
592											
800.0	11:58	37.0	30	134	9.0	9.0	9.2	8.65	12.9	24.8	1.18
802.0	12: 1	43.7	32	150	9.0	9.0	9.2	8.65	12.9	24.5	1.19
804.0	12: 4	33.6	32	155	9.0	9.0	9.1	8.65	12.9	21.3	1.28
806.0	12: 8	29.5	38	156	9.0	9.0	9.1	8.65	12.9	16.4	1.37
808.0	12:13	27.7	35	157	9.0	9.1	9.1	8.65	12.9	16.6	1.38
810.0	12:22	35.0	31	154	9.1	9.3	9.2	8.65	12.9	22.6	1.25
812.0	12:25	38.5	29	147	9.1	9.3	9.2	8.65	12.9	25.5	1.19
814.0	12:29	32.1	30	150	9.1	9.3	9.2	8.65	12.9	23.2	1.25
816.0	12:32	35.5	32	149	9.1	9.3	9.2	8.65	13.0	23.1	1.23
818.0	12:36	37.7	30	147	9.1	9.3	9.2	8.65	13.0	25.0	1.20
612											
820.0	13: 1	28.0	31	140	9.1	9.3	9.2	8.65	13.0	21.0	1.29
822.0	13: 4	49.8	31	148	9.1	9.3	9.2	8.65	13.0	27.0	1.14
824.0	13: 6	56.4	31	149	9.1	9.3	9.2	8.65	13.0	28.5	1.10
826.0	13: 8	61.9	30	150	9.1	9.3	9.2	8.65	13.0	30.1	1.07
828.0	13:10	48.3	30	151	9.1	9.3	9.2	8.65	13.0	27.8	1.13
830.0	13:20	29.4	30	143	9.1	9.3	9.3	8.65	13.0	23.5	1.25
832.0	13:24	33.8	29	157	9.1	9.3	9.3	8.65	13.0	24.8	1.23
834.0	13:27	35.8	30	155	9.1	9.3	9.3	8.65	13.0	24.8	1.22
836.0	13:32	27.7	29	158	9.1	9.3	9.3	8.65	13.0	22.5	1.29
838.0	13:39	38.9	30	148	9.1	9.3	9.3	8.65	13.0	25.9	1.19
632											
840.0	13:42	38.7	32	144	9.1	9.3	9.3	8.65	13.0	24.8	1.20
842.0	13:45	39.9	30	151	9.1	9.3	9.3	8.65	13.0	26.3	1.18
844.0	13:49	34.4	30	152	9.1	9.3	9.3	8.65	13.0	24.8	1.22
846.0	13:53	32.3	31	151	9.1	9.3	9.3	8.65	13.0	23.7	1.25
848.0	14: 1	30.5	30	142	9.1	9.3	9.3	8.65	13.0	23.8	1.24
850.0	14: 5	27.9	33	149	9.1	9.3	9.3	8.65	13.0	20.7	1.31
852.0	14: 9	30.5	36	149	9.1	9.3	9.3	8.65	13.1	20.3	1.31
854.0	14:14	24.0	33	153	9.1	9.3	9.3	8.65	13.1	18.9	1.36
856.0	14:18	32.7	35	151	9.1	9.3	9.3	8.65	13.1	21.2	1.29
858.0	14:24	52.2	32	133	9.1	9.3	9.3	8.65	13.1	29.2	1.08
652											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
652											
860.0	14:27	46.2	33	128	9.1	9.3	9.3	8.65	13.1	27.4	1.12
862.0	14:30	48.6	32	148	9.1	9.3	9.3	8.65	13.1	27.8	1.14
864.0	14:32	47.0	33	147	9.1	9.3	9.3	8.65	13.1	26.9	1.15
866.0	14:35	44.9	32	150	9.1	9.3	9.3	8.65	13.1	26.9	1.16
868.0	14:41	47.2	31	150	9.1	9.3	9.3	8.65	13.1	28.1	1.14
870.0	14:43	49.6	33	164	9.1	9.3	9.3	8.65	13.1	26.9	1.17
872.0	14:45	53.1	34	148	9.1	9.3	9.3	8.65	13.1	27.8	1.13
874.0	14:48	56.1	33	149	9.1	9.3	9.3	8.65	13.1	28.8	1.11
875.0	14:49	48.6	32	152	9.1	9.3	9.3	8.65	13.1	28.4	1.13
NEW BIT ID: 3											
876.0	16:38	30.0	16	74	9.0	9.1	9.2	8.65	13.1	35.0	1.01
674											
878.0	16:42	30.1	27	70	9.0	9.1	9.3	8.65	13.1	23.7	1.15
880.0	17:33	32.7	28	80	9.0	9.1	9.2	8.65	13.1	21.9	1.20
882.0	17:36	51.3	30	87	9.0	9.1	9.3	8.65	13.1	26.1	1.07
884.0	17:39	37.2	30	87	9.0	9.1	9.3	8.65	13.1	22.6	1.18
888.0	17:51	39.6	27	85	9.0	9.1	9.3	8.65	13.1	26.1	1.11
890.0	17:53	48.6	29	84	9.0	9.1	9.3	8.65	13.2	26.9	1.07
892.0	17:55	71.0	26	164	9.0	9.1	9.3	8.65	13.2	28.4	1.12
894.0	17:57	67.8	31	164	9.0	9.1	9.3	8.65	13.2	23.7	1.20
898.0	18: 6	64.2	30	146	9.0	9.1	9.3	8.65	13.2	24.7	1.16
900.0	18: 8	66.8	30	157	9.0	9.1	9.3	8.65	13.2	24.6	1.17
697											
902.0	18:10	53.7	30	162	9.0	9.1	9.3	8.65	13.2	22.1	1.25
904.0	18:12	66.0	30	160	9.0	9.1	9.3	8.65	13.2	24.5	1.18
906.0	18:13	67.0	30	160	9.0	9.1	9.3	8.65	13.2	24.6	1.17
908.0	18:21	60.0	30	155	9.0	9.1	9.3	8.65	13.2	23.5	1.20
910.0	18:23	74.8	30	159	9.0	9.1	9.3	8.65	13.2	26.1	1.13
912.0	18:25	61.7	29	159	9.0	9.1	9.3	8.65	13.2	24.5	1.19
914.0	18:26	64.2	30	159	9.0	9.1	9.3	8.65	13.2	24.6	1.18
916.0	18:34	58.2	30	140	9.0	9.1	9.3	8.65	13.2	24.5	1.17
918.0	18:36	68.0	31	134	9.0	9.1	9.3	8.65	13.2	25.4	1.13
920.0	18:38	65.4	31	158	9.0	9.1	9.3	8.65	13.2	24.5	1.18
717											
922.0	18:40	55.0	36	167	9.0	9.1	9.3	8.65	13.2	19.3	1.31
924.0	18:41	73.9	40	159	9.0	9.1	9.3	8.65	13.2	20.5	1.24
926.0	18:49	75.6	40	158	9.0	9.1	9.3	8.65	13.2	20.6	1.23
928.0	18:51	72.8	40	160	9.0	9.1	9.3	8.65	13.2	20.2	1.25
930.0	18:53	69.2	40	159	9.0	9.1	9.3	8.65	13.3	19.9	1.26
932.0	18:55	62.7	40	159	9.0	9.1	9.3	8.65	13.3	18.9	1.30
934.0	18:56	69.6	40	159	9.0	9.1	9.3	8.65	13.3	20.0	1.26
936.0	19: 5	55.5	40	144	9.0	9.1	9.3	8.65	13.3	18.0	1.31
938.0	19: 6	66.7	40	155	9.0	9.1	9.3	8.65	13.3	19.5	1.27
940.0	19: 9	59.8	40	160	9.0	9.1	9.3	8.65	13.3	18.1	1.32
737											
942.0	19:12	35.0	41	160	9.0	9.1	9.3	8.65	13.3	12.4	1.51
944.0	19:14	56.1	40	162	9.0	9.1	9.3	8.65	13.3	17.7	1.34
946.0	19:29	48.6	36	155	9.0	9.1	9.2	8.65	13.3	16.9	1.35
948.0	19:31	55.5	35	154	9.0	9.1	9.2	8.65	13.3	19.2	1.28
950.0	19:33	58.6	37	155	9.0	9.1	9.2	8.65	13.3	18.9	1.28
952.0	19:36	53.3	36	156	9.0	9.1	9.3	8.65	13.3	18.4	1.30
954.0	19:43	59.9	34	156	9.0	9.1	9.3	8.65	13.3	20.2	1.26

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
751											
956.0	19:45	61.1	38	155	9.0	9.1	9.3	8.65	13.3	19.9	1.28
958.0	19:47	58.8	38	162	9.0	9.1	9.3	8.65	13.3	19.8	1.30
960.0	19:49	59.4	37	163	9.0	9.1	9.3	8.65	13.3	20.2	1.29
962.0	19:51	61.5	40	161	9.0	9.1	9.4	8.65	13.3	19.5	1.30
964.0	19:59	62.3	37	158	9.0	9.1	9.3	8.65	13.3	20.9	1.27
966.0	20: 2	56.2	38	155	9.0	9.1	9.3	8.65	13.3	19.4	1.31
968.0	20: 4	60.8	42	159	9.0	9.1	9.3	8.65	13.3	18.3	1.33
970.0	20: 6	60.1	41	160	9.0	9.1	9.3	8.65	13.4	18.4	1.33
972.0	20: 8	61.3	40	162	9.0	9.1	9.3	8.65	13.4	19.4	1.31
974.0	20:21	50.7	37	154	9.0	9.1	9.3	8.65	13.4	18.7	1.33
771											
976.0	20:23	61.1	37	158	9.0	9.1	9.3	8.65	13.4	20.8	1.28
978.0	20:25	62.0	38	155	9.0	9.1	9.3	8.65	13.4	20.6	1.28
980.0	20:27	69.7	38	158	9.0	9.1	9.3	8.65	13.4	21.5	1.25
982.0	20:29	70.3	37	160	9.0	9.1	9.3	8.65	13.4	21.8	1.24
984.0	20:39	55.7	36	150	9.0	9.1	9.3	8.65	13.4	20.6	1.28
986.0	20:42	40.4	37	165	9.0	9.1	9.3	8.65	13.4	16.3	1.43
988.0	20:44	55.2	36	165	9.0	9.1	9.3	8.65	13.4	19.8	1.32
990.0	20:46	59.9	35	166	9.0	9.1	9.3	8.65	13.4	21.6	1.28
994.0	21:10	58.3	33	165	9.0	9.1	9.2	8.65	13.4	22.0	1.27
996.0	21:12	62.2	42	155	9.0	9.1	9.2	8.65	13.4	18.2	1.33
791											
998.0	21:14	63.1	42	154	9.0	9.1	9.2	8.65	13.4	18.5	1.32
1000.0	21:15	66.1	42	155	9.0	9.1	9.2	8.65	13.4	19.4	1.30
1012.0	21:21	64.0	35	160	9.0	9.1	9.4	8.65	13.5	23.6	1.23
1014.0	21:23	60.5	38	168	9.0	9.1	9.4	8.65	13.5	20.9	1.30
1016.0	21:25	66.5	39	166	9.0	9.1	9.4	8.65	13.5	21.7	1.27
1018.0	21:27	68.4	38	167	9.0	9.1	9.4	8.65	13.5	22.7	1.25
1020.0	21:29	69.0	38	166	9.0	9.1	9.4	8.65	13.5	22.7	1.25
1022.0	21:37	55.5	36	167	9.0	9.1	9.4	8.65	13.5	21.8	1.29
1024.0	21:39	64.0	38	164	9.0	9.1	9.3	8.65	13.5	21.7	1.28
1026.0	21:41	57.9	38	162	9.0	9.1	9.3	8.65	13.5	20.9	1.30
810											
1028.0	21:42	66.6	39	161	9.0	9.1	9.3	8.65	13.5	21.7	1.27
1030.0	21:44	66.2	38	163	9.0	9.1	9.3	8.65	13.5	22.2	1.26
1032.0	21:51	60.1	34	169	9.0	9.1	9.3	8.65	13.5	22.5	1.27
1034.0	21:53	61.5	37	166	9.0	9.1	9.3	8.65	13.5	21.7	1.29
1036.0	21:55	63.6	38	159	9.0	9.1	9.3	8.65	13.5	22.0	1.27
1038.0	21:57	61.2	39	158	9.0	9.1	9.3	8.65	13.5	20.9	1.29
1040.0	21:59	54.7	39	158	9.0	9.1	9.3	8.65	13.5	20.2	1.32
1042.0	22: 6	46.0	37	156	9.0	9.1	9.3	8.65	13.5	18.8	1.37
1044.0	22: 9	58.4	38	155	9.0	9.1	9.3	8.65	13.5	21.0	1.29
1046.0	22:11	59.2	37	155	9.0	9.1	9.3	8.65	13.5	21.7	1.28
830											
1048.0	22:13	54.3	38	155	9.0	9.1	9.3	8.65	13.5	20.8	1.31
1050.0	22:22	46.9	35	151	9.0	9.1	9.3	8.65	13.5	20.5	1.33
1052.0	22:24	59.9	39	169	9.0	9.1	9.3	8.65	13.5	20.5	1.33
1054.0	22:26	53.1	38	165	9.0	9.1	9.3	8.65	13.5	19.8	1.35
1056.0	22:30	37.9	40	165	9.0	9.1	9.3	8.65	13.6	15.1	1.50
1058.0	22:32	48.4	38	163	9.0	9.1	9.3	8.65	13.6	19.3	1.37
1060.0	22:40	56.3	37	151	9.0	9.1	9.3	8.65	13.6	21.9	1.28
1062.0	22:43	51.8	36	160	9.0	9.1	9.3	8.65	13.6	21.0	1.33
1064.0	22:45	50.5	38	160	9.0	9.1	9.3	8.65	13.6	20.0	1.35
1066.0	22:48	48.8	36	161	9.0	9.1	9.3	8.65	13.6	20.5	1.35
850											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
850											
1068.0	22:50	48.2	38	160	9.0	9.1	9.3	8.65	13.6	19.4	1.37
1070.0	22:56	51.9	31	157	9.0	9.1	9.3	8.65	13.6	24.5	1.26
1072.0	22:58	53.6	39	164	9.0	9.1	9.3	8.65	13.6	20.4	1.34
1074.0	23: 0	48.1	37	161	9.0	9.1	9.3	8.65	13.6	20.2	1.36
1076.0	23: 3	45.0	39	160	9.0	9.1	9.3	8.65	13.6	18.6	1.40
1078.0	23: 6	44.3	38	161	9.0	9.1	9.3	8.65	13.6	18.9	1.40
1080.0	23:13	41.1	36	151	9.0	9.1	9.3	8.65	13.6	19.6	1.38
1082.0	23:16	49.7	38	169	9.0	9.1	9.3	8.65	13.6	20.1	1.37
1084.0	23:18	50.1	38	164	9.0	9.1	9.3	8.65	13.6	20.0	1.37
1086.0	23:21	43.4	40	164	9.0	9.1	9.3	8.65	13.6	17.9	1.43
870											
1088.0	23:24	48.1	39	161	9.0	9.1	9.3	8.65	13.6	19.3	1.38
1090.0	23:30	48.1	39	166	9.0	9.1	9.3	8.65	13.6	19.1	1.40
1092.0	23:33	50.1	40	172	9.0	9.1	9.3	8.65	13.6	19.0	1.40
1094.0	23:35	52.3	41	172	9.0	9.1	9.3	8.65	13.6	19.2	1.39
1096.0	23:37	52.8	41	172	9.0	9.1	9.3	8.65	13.6	19.3	1.39
1098.0	23:47	50.9	41	166	9.0	9.1	9.3	8.65	13.6	19.1	1.39
1100.0	23:49	43.8	41	152	9.0	9.1	9.3	8.65	13.6	18.1	1.41
1102.0	23:51	59.9	41	173	9.0	9.1	9.3	8.65	13.6	20.4	1.36
1104.0	23:54	58.5	41	173	9.0	9.1	9.3	8.65	13.7	20.3	1.36
1106.0	23:55	61.5	41	173	9.0	9.1	9.3	8.65	13.7	20.9	1.34
890											
1108.0	0: 5	51.5	40	156	9.0	9.1	9.3	8.65	13.7	19.9	1.36
1110.0	0: 7	47.3	42	157	9.0	9.1	9.3	8.65	13.7	18.2	1.41
1112.0	0:10	51.4	40	174	9.0	9.1	9.3	8.65	13.7	19.3	1.40
1114.0	0:12	55.6	41	174	9.0	9.1	9.3	8.65	13.7	20.0	1.38
1116.0	0:14	57.6	40	175	9.0	9.1	9.3	8.65	13.7	20.8	1.36
1118.0	0:23	53.8	39	161	9.0	9.1	9.3	8.65	13.7	20.5	1.36
1120.0	0:25	49.0	41	164	9.0	9.1	9.3	8.65	13.7	19.1	1.40
1122.0	0:27	57.5	41	169	9.0	9.1	9.3	8.65	13.7	20.4	1.36
1124.0	0:29	50.8	41	170	9.0	9.1	9.3	8.65	13.7	19.1	1.41
1126.0	0:32	55.1	41	170	9.0	9.1	9.3	8.65	13.7	20.2	1.37
910											
1128.0	0:41	41.0	38	157	9.0	9.1	9.3	8.65	13.7	18.9	1.42
1130.0	0:45	37.2	40	163	9.0	9.1	9.3	8.65	13.7	16.8	1.49
1132.0	0:48	32.9	42	165	9.0	9.1	9.3	8.65	13.7	14.7	1.56
1134.0	0:52	33.7	43	165	9.0	9.1	9.3	8.65	13.7	14.5	1.56
1138.0	1: 2	48.3	41	168	9.0	9.1	9.3	8.65	13.7	19.1	1.42
1140.0	1: 5	44.1	40	172	9.0	9.1	9.3	8.65	13.7	18.4	1.45
1142.0	1: 7	43.6	42	170	9.0	9.1	9.3	8.65	13.7	17.6	1.47
1144.0	1:10	44.3	43	170	9.0	9.1	9.3	8.65	13.7	17.2	1.47
1146.0	1:18	39.7	43	163	9.0	9.1	9.3	8.65	13.7	16.3	1.50
1148.0	1:21	43.9	45	160	9.0	9.1	9.3	8.65	13.7	16.5	1.48
931											
1150.0	1:23	47.9	46	163	9.0	9.1	9.3	8.65	13.7	17.2	1.46
1152.0	1:26	42.1	44	163	9.0	9.1	9.3	8.65	13.8	16.5	1.49
1154.0	1:29	46.1	44	163	9.0	9.1	9.3	8.65	13.8	17.5	1.46
1156.0	1:36	50.3	43	154	9.0	9.1	9.3	8.65	13.8	19.2	1.40
1158.0	1:39	47.3	41	160	9.0	9.1	9.3	8.65	13.8	19.2	1.41
1160.0	1:41	47.5	41	160	9.0	9.1	9.3	8.65	13.8	19.5	1.41
1162.0	1:44	44.5	42	160	9.0	9.1	9.3	8.65	13.8	18.8	1.43
1164.0	1:47	40.1	42	161	9.0	9.1	9.3	8.65	13.8	17.7	1.47
1166.0	1:55	32.4	39	156	9.0	9.1	9.3	8.65	13.8	16.8	1.51
1168.0	1:59	37.9	41	156	9.0	9.1	9.3	8.65	13.8	17.8	1.47
951											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
951											
1170.0	2: 1	42.9	42	156	9.0	9.1	9.3	8.65	13.8	18.5	1.44
1172.0	2: 4	44.5	42	156	9.0	9.1	9.3	8.65	13.8	18.7	1.43
1174.0	2: 7	39.3	42	156	9.0	9.1	9.3	8.65	13.8	17.3	1.48
1176.0	2:17	30.4	40	151	9.0	9.1	9.2	8.65	13.8	16.1	1.53
1178.0	2:21	33.2	44	162	9.0	9.1	9.2	8.65	13.8	14.9	1.57
1180.0	2:24	34.2	46	162	9.0	9.1	9.2	8.65	13.8	14.4	1.58
1182.0	2:28	37.7	48	162	9.0	9.1	9.2	8.65	13.8	14.6	1.57
1184.0	2:35	38.5	46	159	9.0	9.1	9.2	8.65	13.8	15.7	1.54
1186.0	2:38	48.3	44	162	9.0	9.1	9.2	8.65	13.8	18.8	1.44
1188.0	2:40	46.5	45	164	9.0	9.1	9.3	8.65	13.8	17.9	1.47
971											
1190.0	2:43	43.2	44	170	9.0	9.1	9.3	8.65	13.8	17.7	1.49
1192.0	2:46	43.6	47	170	9.0	9.1	9.3	8.65	13.8	16.6	1.52
1194.0	2:53	38.3	43	166	9.0	9.1	9.3	8.65	13.8	17.1	1.51
1196.0	2:57	33.5	44	166	9.0	9.1	9.3	8.65	13.8	15.3	1.57
1198.0	3: 0	38.4	45	166	9.0	9.1	9.3	8.65	13.8	16.5	1.53
1200.0	3: 3	35.5	46	166	9.0	9.1	9.3	8.65	13.8	15.2	1.58
1202.0	3: 6	36.3	48	166	9.0	9.1	9.3	8.65	13.9	14.7	1.59
1204.0	3:15	31.1	46	167	9.0	9.1	9.2	8.65	13.9	13.8	1.62
1206.0	3:18	35.2	49	172	9.0	9.1	9.3	8.65	13.9	13.6	1.63
1208.0	3:22	36.6	49	167	9.0	9.1	9.3	8.65	13.9	14.3	1.60
991											
1210.0	3:25	35.8	49	167	9.0	9.1	9.3	8.65	13.9	13.9	1.62
1212.0	3:28	36.9	50	166	9.0	9.1	9.3	8.65	13.9	14.0	1.61
1214.0	3:37	28.1	44	154	9.0	9.1	9.2	8.65	13.9	14.2	1.61
1216.0	3:41	28.1	44	156	9.0	9.1	9.2	8.65	13.9	14.2	1.61
1218.0	3:46	26.5	43	156	9.0	9.1	9.2	8.65	13.9	14.0	1.63
1220.0	3:50	26.4	43	157	9.1	9.1	9.2	8.65	13.9	14.2	1.62
1222.0	3:59	27.7	45	154	9.1	9.1	9.3	8.65	13.9	13.9	1.63
1224.0	4: 4	21.7	43	167	9.1	9.1	9.3	8.65	13.9	11.3	1.71
1226.0	4: 9	23.2	42	168	9.1	9.1	9.3	8.65	13.9	12.5	1.68
1228.0	4:14	29.4	46	169	9.1	9.1	9.3	8.65	13.9	14.0	1.64
1011											
1230.0	4:18	30.5	48	169	9.1	9.1	9.3	8.65	13.9	13.8	1.65
1232.0	4:26	32.2	45	165	9.1	9.1	9.3	8.65	13.9	15.7	1.58
1234.0	4:30	24.5	42	162	9.1	9.1	9.3	8.65	13.9	14.2	1.64
1236.0	4:34	30.3	44	162	9.1	9.1	9.3	8.65	13.9	15.7	1.59
1238.0	4:39	25.2	47	163	9.1	9.1	9.3	8.65	13.9	12.5	1.69
1240.0	4:43	28.6	47	163	9.1	9.1	9.3	8.65	14.0	13.9	1.65
1242.0	4:52	29.9	45	162	9.1	9.1	9.3	8.65	14.0	15.0	1.61
1244.0	4:57	26.3	46	170	9.1	9.1	9.3	8.65	14.0	13.4	1.68
1246.0	5: 1	25.9	44	171	9.1	9.1	9.3	8.65	14.0	14.0	1.66
1248.0	5: 6	25.7	43	172	9.1	9.1	9.3	8.65	14.0	14.2	1.66
1031											
1250.0	5:11	23.4	44	172	9.1	9.1	9.3	8.65	14.0	13.2	1.70
1252.0	5:23	21.3	43	160	9.1	9.1	9.3	8.65	14.0	12.3	1.70
1254.0	5:28	23.5	45	166	9.1	9.1	9.3	8.65	14.0	13.0	1.69
1256.0	5:34	19.1	44	171	9.1	9.1	9.3	8.65	14.0	11.3	1.77
1258.0	5:40	20.6	43	171	9.1	9.1	9.3	8.65	14.0	12.3	1.73
1260.0	5:54	18.3	44	172	9.1	9.1	9.3	8.65	14.0	11.0	1.78
1262.0	5:57	18.0	42	163	9.1	9.1	9.3	8.65	14.0	11.8	1.75
1264.0	6: 4	18.4	42	164	9.1	9.1	9.3	8.65	14.0	12.0	1.75
1266.0	6:10	19.1	41	164	9.1	9.1	9.3	8.65	14.0	12.8	1.72
1268.0	6:16	20.5	41	163	9.1	9.1	9.3	8.65	14.0	13.5	1.70
1050											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1050											
1270.0	6:21	22.8	43	163	9.1	9.1	9.3	8.65	14.1	14.0	1.68
1272.0	6:32	21.5	42	159	9.1	9.1	9.3	8.65	14.1	14.0	1.68
1274.0	6:45	23.3	41	154	9.1	9.1	9.3	8.65	14.1	15.4	1.63
1276.0	6:50	23.8	42	163	9.1	9.1	9.3	8.65	14.1	14.3	1.65
1278.0	6:56	21.0	42	165	9.1	9.1	9.3	8.65	14.1	12.9	1.70
1280.0	7: 7	23.8	41	158	9.1	9.1	9.3	8.65	14.1	14.5	1.64
1282.0	7:18	18.5	47	158	9.1	9.1	9.3	8.65	14.1	10.5	1.79
1284.0	7:22	28.4	47	160	9.1	9.1	9.3	8.65	14.1	15.1	1.64
1286.0	7:28	19.1	46	162	9.1	9.1	9.3	8.65	14.1	11.4	1.77
1288.0	7:38	19.7	47	159	9.1	9.1	9.3	8.65	14.1	11.0	1.77
1070											
1290.0	7:48	26.1	43	156	9.1	9.1	9.3	8.65	14.1	15.2	1.62
1292.0	7:54	20.6	47	158	9.1	9.1	9.3	8.65	14.1	11.5	1.75
1294.0	7:59	22.2	45	155	9.1	9.1	9.3	8.65	14.1	13.3	1.69
1296.0	8: 5	19.0	43	157	9.1	9.1	9.3	8.65	14.1	12.3	1.73
1298.0	8:12	17.4	44	157	9.1	9.1	9.3	8.65	14.1	11.3	1.76
1300.0	8:25	16.0	42	153	9.1	9.1	9.3	8.65	14.1	11.5	1.76
1302.0	8:36	12.0	41	158	9.1	9.1	9.3	8.65	14.1	8.8	1.86
1304.0	8:45	13.5	41	162	9.1	9.1	9.3	8.65	14.1	9.9	1.83
1306.0	8:53	13.8	43	162	9.1	9.1	9.3	8.65	14.1	9.4	1.85
1310.0	9:10	16.5	45	158	9.1	9.1	9.3	8.65	14.1	10.6	1.81
1091											
1312.0	9:17	19.6	49	165	9.1	9.1	9.3	8.65	14.1	10.9	1.82
1314.0	9:23	18.8	49	166	9.1	9.1	9.3	8.65	14.1	10.6	1.83
1316.0	9:29	20.8	49	165	9.1	9.1	9.3	8.65	14.1	11.8	1.79
1318.0	9:35	19.4	49	165	9.1	9.1	9.3	8.65	14.1	11.1	1.82
1320.0	9:47	16.6	48	157	9.1	9.1	9.3	8.65	14.1	10.0	1.84
1322.0	9:53	21.8	50	169	9.1	9.1	9.3	8.65	14.1	11.7	1.80
1324.0	9:59	19.0	52	169	9.1	9.1	9.3	8.65	14.2	9.9	1.87
1326.0	10: 5	21.9	52	165	9.1	9.1	9.3	8.65	14.2	11.3	1.81
1328.0	10:17	19.2	48	165	9.1	9.1	9.3	8.65	14.2	11.5	1.81
1330.0	10:22	23.2	50	183	9.1	9.1	9.3	8.65	14.2	12.1	1.80
1111											
1332.0	10:28	23.1	50	187	9.1	9.1	9.3	8.65	14.2	11.8	1.82
1334.0	10:32	25.6	50	185	9.1	9.1	9.3	8.65	14.2	13.1	1.77
1336.0	10:38	22.5	50	186	9.1	9.1	9.3	8.65	14.2	11.8	1.82
1338.0	10:47	25.5	50	178	9.1	9.1	9.3	8.65	14.2	13.4	1.76
1340.0	10:53	21.7	53	185	9.1	9.1	9.3	8.65	14.2	10.8	1.86
1342.0	10:59	21.4	52	185	9.1	9.1	9.3	8.65	14.2	10.8	1.86
1344.0	11: 5	20.4	50	186	9.1	9.1	9.3	8.65	14.2	11.1	1.86
1346.0	11:10	21.8	49	186	9.1	9.1	9.3	8.65	14.2	12.3	1.81
1348.0	11:21	20.6	48	173	9.1	9.1	9.3	8.65	14.2	12.5	1.79
1350.0	11:27	19.8	48	183	9.1	9.1	9.3	8.65	14.2	11.6	1.84
1131											
1352.0	11:32	20.9	49	183	9.1	9.1	9.3	8.65	14.2	12.0	1.82
1354.0	11:38	22.2	51	182	9.1	9.1	9.3	8.65	14.2	11.8	1.83
1356.0	11:45	18.2	50	183	9.1	9.1	9.3	8.65	14.2	10.3	1.89
1358.0	12: 1	17.5	53	157	9.1	9.1	9.3	8.65	14.2	9.9	1.89
1360.0	12: 8	17.5	54	171	9.1	9.1	9.3	8.65	14.2	9.1	1.94
1362.0	12:16	16.5	50	180	9.1	9.1	9.3	8.65	14.2	9.3	1.93
1364.0	12:22	18.7	51	181	9.1	9.1	9.3	8.65	14.2	10.3	1.89
1366.0	12:36	19.5	50	173	9.1	9.1	9.3	8.65	14.2	11.5	1.84
1368.0	12:43	18.2	46	182	9.1	9.1	9.3	8.65	14.2	12.1	1.83
1370.0	12:49	17.3	47	184	9.1	9.1	9.3	8.65	14.2	11.2	1.87
1151											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1151											
1372.0	12:56	17.2	46	184	9.1	9.1	9.3	8.65	14.2	11.4	1.86
1374.0	13: 3	17.3	46	185	9.1	9.1	9.3	8.65	14.2	11.5	1.86
1375.0	13: 7	16.2	46	186	9.1	9.1	9.3	8.65	14.2	11.0	1.88
				NEW BIT ID: 4							
1378.0	19:54	10.9	28	113	9.1	9.1	9.2	8.65	14.2	16.2	1.60
1380.0	20: 4	12.3	35	150	9.1	9.1	9.3	8.65	14.2	12.3	1.75
1382.0	20:12	14.2	36	156	9.1	9.1	9.3	8.65	14.3	13.0	1.74
1384.0	20:19	16.9	36	154	9.1	9.1	9.3	8.65	14.3	14.8	1.68
1386.0	21: 8	17.0	37	146	9.1	9.1	9.3	8.65	14.3	15.1	1.66
1388.0	21:13	23.8	40	157	9.1	9.1	9.3	8.65	14.3	17.2	1.62
1390.0	21:18	23.5	41	167	9.1	9.1	9.3	8.65	14.3	16.4	1.65
1174											
1392.0	21:24	23.1	41	167	9.1	9.1	9.3	8.65	14.3	16.2	1.66
1394.0	21:29	23.1	42	169	9.1	9.1	9.3	8.65	14.3	16.0	1.67
1396.0	21:43	22.0	40	160	9.1	9.1	9.3	8.65	14.3	16.8	1.65
1398.0	21:48	21.7	41	178	9.1	9.1	9.3	8.65	14.3	16.0	1.69
1400.0	21:53	24.1	38	179	9.1	9.1	9.3	8.65	14.3	18.0	1.63
1402.0	21:58	23.9	43	178	9.1	9.1	9.3	8.65	14.3	15.9	1.69
1404.0	22: 4	21.6	46	177	9.1	9.1	9.3	8.65	14.3	13.8	1.77
1406.0	22:19	20.3	42	168	9.1	9.1	9.3	8.65	14.3	15.5	1.71
1408.0	22:24	22.6	43	168	9.1	9.1	9.3	8.65	14.3	15.9	1.70
1410.0	22:29	22.5	44	168	9.1	9.1	9.3	8.65	14.3	15.6	1.71
1194											
1412.0	22:35	23.0	43	169	9.1	9.1	9.3	8.65	14.3	16.2	1.69
1414.0	22:40	22.2	43	170	9.1	9.1	9.3	8.65	14.3	16.0	1.70
1416.0	22:51	21.7	39	166	9.1	9.1	9.3	8.65	14.3	17.6	1.66
1418.0	22:56	23.6	38	177	9.1	9.1	9.3	8.65	14.3	18.7	1.63
1420.0	23: 2	21.6	37	178	9.1	9.1	9.3	8.65	14.3	18.3	1.65
1422.0	23: 7	22.8	38	178	9.1	9.1	9.3	8.65	14.3	18.6	1.64
1424.0	23:19	21.9	37	169	9.1	9.1	9.3	8.65	14.3	18.7	1.63
1426.0	23:25	18.1	41	159	9.1	9.1	9.3	8.65	14.3	15.3	1.72
1428.0	23:31	20.0	42	168	9.1	9.1	9.3	8.65	14.3	16.1	1.72
1430.0	23:37	21.1	44	172	9.1	9.1	9.3	8.65	14.3	16.0	1.73
1214											
1432.0	23:42	24.1	47	176	9.1	9.1	9.3	8.65	14.3	15.9	1.73
1434.0	0: 2	21.9	45	181	9.1	9.1	9.3	8.65	14.3	14.9	1.76
1436.0	0: 6	25.7	46	184	9.1	9.1	9.3	8.65	14.3	16.2	1.73
1438.0	0:12	23.0	46	186	9.1	9.1	9.3	8.65	14.3	15.1	1.76
1440.0	0:16	24.5	46	185	9.1	9.1	9.3	8.65	14.4	15.6	1.74
1442.0	0:22	23.5	48	184	9.1	9.1	9.3	8.65	14.4	14.9	1.77
1444.0	0:31	26.4	45	187	9.1	9.1	9.3	8.65	14.4	17.1	1.69
1446.0	0:36	24.9	44	188	9.1	9.1	9.3	8.65	14.4	17.0	1.70
1448.0	0:41	23.9	44	187	9.1	9.1	9.3	8.65	14.4	16.8	1.71
1450.0	0:46	23.5	44	181	9.1	9.1	9.3	8.65	14.4	16.5	1.72
1234											
1452.0	0:51	21.9	44	180	9.1	9.1	9.3	8.65	14.4	-.0	1.74
1454.0	1: 8	22.8	45	179	9.1	9.1	9.3	8.65	14.4	16.0	1.74
1456.0	1:13	22.5	46	178	9.1	9.1	9.3	8.65	14.4	15.5	1.76
1458.0	1:19	22.4	45	180	9.1	9.1	9.3	8.65	14.4	16.1	1.74
1460.0	1:24	24.1	46	180	9.1	9.1	9.3	8.65	14.4	16.5	1.72
1462.0	1:34	25.8	43	180	9.1	9.1	9.3	8.65	14.4	17.9	1.68
1464.0	1:40	22.5	44	180	9.1	9.1	9.3	8.65	14.4	16.7	1.73

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1248											
1466.0	1:45	21.8	44	182	9.1	9.1	9.3	8.65	14.4	16.2	1.75
1468.0	1:51	21.8	44	183	9.1	9.1	9.3	8.65	14.4	16.2	1.75
1470.0	1:56	23.3	45	183	9.1	9.1	9.3	8.65	14.4	16.5	1.74
1472.0	2: 6	23.0	44	183	9.1	9.1	9.3	8.65	14.4	16.8	1.73
1474.0	2:10	26.3	44	186	9.1	9.1	9.3	8.65	14.4	18.2	1.68
1476.0	2:16	23.0	45	188	9.1	9.1	9.3	8.65	14.4	16.6	1.74
1478.0	2:21	21.5	46	185	9.1	9.1	9.3	8.65	14.4	15.8	1.77
1480.0	2:27	21.8	45	185	9.1	9.1	9.3	8.65	14.4	16.3	1.76
1482.0	2:41	17.0	40	178	9.1	9.1	9.3	8.65	14.4	16.0	1.77
1484.0	2:46	22.5	44	176	9.1	9.1	9.3	8.65	14.4	17.1	1.72
1268											
1486.0	2:51	25.7	46	174	9.1	9.1	9.3	8.65	14.4	17.8	1.69
1488.0	2:55	27.0	44	178	9.1	9.1	9.3	8.65	14.4	19.0	1.66
1490.0	3: 1	23.0	49	177	9.1	9.1	9.3	8.65	14.4	15.5	1.78
1492.0	3:10	22.6	46	175	9.1	9.1	9.3	8.65	14.4	16.8	1.74
1494.0	3:15	26.4	49	182	9.1	9.1	9.3	8.65	14.4	16.9	1.74
1496.0	3:20	24.2	50	183	9.1	9.1	9.3	8.65	14.4	15.9	1.78
1498.0	3:25	23.8	52	183	9.1	9.1	9.3	8.65	14.5	15.2	1.80
1500.0	3:37	21.9	51	178	9.1	9.1	9.3	8.65	14.5	14.7	1.82
1502.0	3:42	21.3	47	186	9.1	9.1	9.3	8.65	14.5	15.7	1.80
1504.0	3:48	23.5	49	181	9.1	9.1	9.3	8.65	14.5	15.9	1.78
1288											
1506.0	3:52	24.5	50	180	9.1	9.1	9.3	8.65	14.5	16.1	1.77
1508.0	3:57	26.0	48	181	9.1	9.1	9.3	8.65	14.5	17.3	1.73
1510.0	4: 6	24.7	46	182	9.1	9.1	9.3	8.65	14.5	17.6	1.73
1512.0	4:11	27.1	48	186	9.1	9.1	9.3	8.65	14.5	17.6	1.73
1514.0	4:15	29.6	51	183	9.1	9.1	9.3	8.65	14.5	17.8	1.71
1516.0	4:19	30.3	50	184	9.1	9.1	9.3	8.65	14.5	18.4	1.70
1518.0	4:24	25.0	50	185	9.1	9.1	9.3	8.65	14.5	16.6	1.77
1520.0	4:34	22.4	47	185	9.1	9.1	9.3	8.65	14.5	16.6	1.77
1522.0	4:38	24.0	49	182	9.1	9.1	9.3	8.65	14.5	16.5	1.77
1524.0	4:43	28.8	50	181	9.1	9.1	9.3	8.65	14.5	18.1	1.71
1308											
1526.0	4:47	28.8	50	182	9.1	9.1	9.3	8.65	14.5	18.1	1.71
1528.0	4:51	27.1	50	182	9.1	9.1	9.3	8.65	14.5	17.3	1.74
1530.0	5: 1	26.5	47	185	9.1	9.1	9.3	8.65	14.5	18.1	1.72
1532.0	5: 4	35.3	48	185	9.1	9.1	9.3	8.65	14.5	20.4	1.63
1534.0	5: 8	30.0	49	185	9.1	9.1	9.3	8.65	14.5	18.8	1.69
1536.0	5:13	25.3	50	185	9.1	9.1	9.3	8.65	14.5	17.0	1.76
1538.0	5:22	26.0	49	175	9.1	9.1	9.3	8.65	14.5	18.0	1.72
1540.0	5:26	27.2	41	186	9.1	9.1	9.3	8.65	14.5	20.7	1.64
1542.0	5:31	27.1	45	188	9.1	9.1	9.3	8.65	14.5	19.4	1.69
1544.0	5:35	26.1	50	187	9.1	9.1	9.3	8.65	14.5	17.5	1.75
1328											
1546.0	5:39	29.8	50	187	9.1	9.1	9.3	8.65	14.5	18.6	1.71
1548.0	5:50	30.1	47	184	9.1	9.1	9.3	8.65	14.5	19.7	1.67
1550.0	5:54	28.0	52	178	9.1	9.1	9.3	8.65	14.5	17.7	1.74
1552.0	5:58	29.5	53	179	9.1	9.1	9.3	8.65	14.5	17.9	1.73
1554.0	6: 2	30.3	54	177	9.1	9.1	9.3	8.65	14.5	18.1	1.72
1556.0	6: 7	28.7	53	176	9.1	9.1	9.3	8.65	14.5	17.6	1.74
1558.0	6:20	21.0	46	175	9.1	9.1	9.3	8.65	14.6	17.1	1.77
1560.0	6:25	20.9	44	174	9.1	9.1	9.3	8.65	14.6	17.8	1.74
1562.0	6:31	22.3	44	181	9.1	9.1	9.3	8.65	14.6	18.5	1.73
1564.0	6:36	25.8	44	181	9.1	9.1	9.3	8.65	14.6	19.8	1.68
1348											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1348											
1566.0	6:41	23.2	46	181	9.1	9.1	9.3	8.65	14.6	17.9	1.75
1568.0	6:50	32.2	44	179	9.1	9.1	9.3	8.65	14.6	21.4	1.61
1570.0	6:54	28.8	48	178	9.1	9.1	9.3	8.65	14.6	19.3	1.69
1572.0	6:59	25.0	49	178	9.1	9.1	9.3	8.65	14.6	17.8	1.75
1574.0	7: 4	26.1	49	179	9.1	9.1	9.3	8.65	14.6	18.2	1.73
1576.0	7: 9	22.4	50	180	9.1	9.1	9.3	8.65	14.6	16.5	1.80
1578.0	7:20	24.3	47	173	9.1	9.1	9.3	8.65	14.6	18.3	1.73
1580.0	7:25	24.4	49	183	9.1	9.1	9.3	8.65	14.6	17.7	1.76
1582.0	7:30	24.9	50	183	9.1	9.1	9.3	8.65	14.6	17.6	1.76
1584.0	7:35	23.4	50	183	9.1	9.1	9.3	8.65	14.6	17.0	1.79
1368											
1586.0	7:45	25.9	49	182	9.1	9.1	9.3	8.65	14.6	18.2	1.74
1588.0	7:49	26.6	47	184	9.1	9.1	9.3	8.65	14.6	19.0	1.71
1590.0	7:53	28.8	46	184	9.1	9.1	9.3	8.65	14.6	20.1	1.68
1592.0	7:58	25.1	48	184	9.1	9.1	9.3	8.65	14.6	18.5	1.74
1594.0	8: 3	25.1	47	184	9.1	9.1	9.3	8.65	14.6	18.8	1.73
1596.0	8:12	29.8	44	182	9.1	9.1	9.3	8.65	14.6	21.3	1.64
1598.0	8:17	27.2	43	180	9.1	9.1	9.3	8.65	14.6	20.9	1.65
1600.0	8:22	23.4	47	179	9.1	9.1	9.3	8.65	14.6	18.2	1.75
1602.0	8:27	23.7	51	179	9.1	9.1	9.3	8.65	14.6	17.2	1.78
1604.0	8:32	21.6	50	180	9.1	9.1	9.3	8.65	14.6	16.6	1.81
1388											
1606.0	8:42	23.6	44	176	9.1	9.1	9.3	8.65	14.6	19.3	1.71
1608.0	8:47	27.0	50	185	9.1	9.1	9.3	8.65	14.6	18.4	1.74
1610.0	8:51	28.0	51	185	9.1	9.1	9.3	8.65	14.6	18.3	1.74
1612.0	8:56	25.0	52	174	9.1	9.1	9.3	8.65	14.6	17.4	1.77
1616.0	9:11	26.3	46	157	9.1	9.1	9.3	8.65	14.6	20.4	1.65
1618.0	9:16	22.7	51	160	9.1	9.1	9.3	8.65	14.7	17.3	1.76
1620.0	9:21	24.0	53	159	9.1	9.1	9.3	8.65	14.7	17.4	1.76
1622.0	9:27	22.2	54	159	9.1	9.1	9.3	8.65	14.7	16.6	1.80
1624.0	9:37	19.9	49	159	9.1	9.1	9.3	8.65	14.7	16.9	1.79
1626.0	9:43	21.5	41	156	9.1	9.1	9.3	8.65	14.7	20.5	1.66
1409											
1628.0	9:48	24.2	41	156	9.1	9.1	9.3	8.65	14.7	21.8	1.61
1630.0	9:52	26.0	40	156	9.1	9.1	9.3	8.65	14.7	22.7	1.58
1632.0	9:58	22.4	38	157	9.1	9.1	9.3	8.65	14.7	22.1	1.61
1634.0	10: 9	21.5	41	152	9.1	9.1	9.3	8.65	14.7	20.7	1.65
1636.0	10:14	26.3	42	156	9.1	9.1	9.3	8.65	14.7	22.2	1.60
1638.0	10:18	26.3	44	155	9.1	9.1	9.3	8.65	14.7	21.3	1.63
1640.0	10:23	28.6	44	159	9.1	9.1	9.3	8.65	14.7	22.0	1.60
1642.0	10:27	25.0	46	160	9.1	9.1	9.3	8.65	14.7	20.1	1.68
1644.0	10:39	21.3	47	147	9.1	9.1	9.2	8.65	14.7	18.9	1.71
1646.0	10:43	28.7	51	157	9.1	9.1	9.3	8.65	14.7	20.0	1.67
1429											
1648.0	10:47	27.4	51	158	9.1	9.1	9.3	8.65	14.7	19.5	1.69
1650.0	10:51	29.9	50	159	9.1	9.1	9.3	8.65	14.7	20.6	1.65
1652.0	11: 0	27.5	48	162	9.1	9.1	9.3	8.65	14.7	20.5	1.67
1654.0	11: 4	27.5	50	165	9.1	9.1	9.3	8.65	14.7	19.6	1.70
1656.0	11: 7	34.0	49	163	9.1	9.1	9.3	8.65	14.7	21.9	1.61
1658.0	11:11	32.8	49	164	9.1	9.1	9.3	8.65	14.7	21.8	1.61
1660.0	11:15	32.5	50	164	9.1	9.1	9.3	8.65	14.7	21.3	1.63
1664.0	11:25	38.1	50	160	9.1	9.1	9.3	8.65	14.7	22.9	1.57
1666.0	11:28	39.1	52	159	9.1	9.1	9.3	8.65	14.7	22.7	1.57
1668.0	11:32	31.6	50	161	9.1	9.1	9.3	8.65	14.7	21.5	1.63
1450											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1450											
1670.0	11:35	36.2	50	160	9.1	9.1	9.3	8.65	14.7	22.7	1.58
1672.0	11:46	32.7	48	146	9.1	9.1	9.3	8.65	14.7	22.9	1.56
1674.0	11:50	27.1	46	137	9.1	9.1	9.3	8.65	14.7	22.0	1.58
1676.0	11:55	27.6	47	138	9.1	9.1	9.3	8.65	14.7	21.9	1.59
1678.0	11:59	30.6	50	140	9.1	9.1	9.3	8.65	14.7	22.2	1.59
1680.0	12: 2	36.1	52	155	9.1	9.1	9.3	8.65	14.7	22.5	1.59
1682.0	12:12	32.6	48	147	9.1	9.1	9.3	8.65	14.8	23.0	1.57
1684.0	12:15	31.9	50	149	9.1	9.1	9.3	8.65	14.8	22.1	1.60
1686.0	12:19	31.9	50	150	9.1	9.1	9.3	8.65	14.8	22.0	1.61
1688.0	12:24	28.2	51	151	9.1	9.1	9.3	8.65	14.8	20.7	1.66
1470											
1690.0	12:28	29.9	50	155	9.1	9.1	9.3	8.65	14.8	21.3	1.64
1692.0	12:42	31.8	44	163	9.1	9.1	9.2	8.65	14.8	23.6	1.57
1694.0	12:46	30.0	43	164	9.1	9.1	9.3	8.65	14.8	23.6	1.58
1696.0	12:50	36.3	42	164	9.1	9.1	9.3	8.65	14.8	25.7	1.50
1698.0	12:53	36.5	44	162	9.1	9.1	9.3	8.65	14.8	25.1	1.52
1700.0	12:57	31.0	44	164	9.1	9.1	9.3	8.65	14.8	23.7	1.58
1702.0	13: 9	23.7	42	153	9.1	9.1	9.2	8.65	14.8	22.3	1.63
1704.0	13:13	29.5	47	146	9.1	9.1	9.3	8.65	14.8	22.8	1.59
1706.0	13:18	25.7	48	153	9.1	9.1	9.3	8.65	14.8	20.8	1.67
1708.0	13:22	29.9	50	156	9.1	9.1	9.3	8.65	14.8	21.7	1.64
1490											
1710.0	13:33	21.5	48	155	9.1	9.1	9.3	8.65	14.8	19.2	1.74
1712.0	13:37	29.9	45	150	9.1	9.1	9.2	8.65	14.8	23.5	1.58
1714.0	13:41	32.3	45	150	9.1	9.1	9.3	8.65	14.8	24.2	1.55
1716.0	13:45	32.1	45	156	9.1	9.1	9.3	8.65	14.8	24.1	1.56
1718.0	13:49	31.3	45	160	9.1	9.1	9.3	8.65	14.8	23.5	1.59
1720.0	14: 0	29.2	43	150	9.1	9.1	9.3	8.65	14.8	23.9	1.57
1722.0	14: 4	34.4	46	160	9.1	9.1	9.3	8.65	14.8	24.1	1.56
1724.0	14: 7	33.9	47	161	9.1	9.1	9.3	8.65	14.8	23.5	1.58
1726.0	14:11	38.9	48	160	9.1	9.1	9.3	8.65	14.8	24.5	1.54
1728.0	14:14	34.2	49	161	9.1	9.1	9.3	8.65	14.8	23.1	1.60
1510											
1730.0	14:24	28.4	45	140	9.1	9.1	9.3	8.65	14.8	23.6	1.57
1732.0	14:27	35.4	45	141	9.1	9.1	9.3	8.65	14.8	25.3	1.50
1734.0	14:31	33.9	49	142	9.1	9.1	9.3	8.65	14.8	23.7	1.56
1736.0	14:35	33.9	50	140	9.1	9.1	9.3	8.65	14.8	23.6	1.56
1738.0	14:43	36.2	48	148	9.1	9.1	9.3	8.65	14.8	24.4	1.54
1740.0	14:46	34.1	46	144	9.1	9.1	9.3	8.65	14.8	24.8	1.53
1742.0	14:49	42.1	46	159	9.1	9.1	9.3	8.65	14.8	26.2	1.48
1744.0	14:53	34.8	47	160	9.1	9.1	9.3	8.65	14.9	24.3	1.56
1746.0	14:56	38.4	48	161	9.1	9.1	9.3	8.65	14.9	24.6	1.54
1748.0	15: 5	34.5	46	146	9.1	9.1	9.3	8.65	14.9	24.9	1.53
1530											
1750.0	15: 9	30.5	47	147	9.1	9.1	9.3	8.65	14.9	23.5	1.58
1752.0	15:13	33.4	46	154	9.1	9.1	9.3	8.65	14.9	24.6	1.56
1754.0	15:17	31.4	47	158	9.1	9.1	9.3	8.65	14.9	23.7	1.60
1756.0	15:20	36.0	46	158	9.1	9.1	9.3	8.65	14.9	25.2	1.54
1758.0	15:30	33.8	45	152	9.1	9.1	9.3	8.65	14.9	25.1	1.54
1760.0	15:34	30.6	45	155	9.1	9.1	9.3	8.65	14.9	24.3	1.58
1762.0	15:38	29.5	43	156	9.1	9.1	9.3	8.65	14.9	24.2	1.57
1764.0	15:41	33.1	43	166	9.1	9.1	9.3	8.65	14.9	25.0	1.55
1766.0	15:45	29.5	40	168	9.1	9.1	9.3	8.65	14.9	25.3	1.55
1768.0	15:56	26.7	39	145	9.1	9.1	9.3	8.65	14.9	25.7	1.52
1550											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1550											
1770.0	16: 1	24.7	40	141	9.1	9.1	9.3	8.65	14.9	24.8	1.55
1772.0	16: 4	31.4	45	140	9.1	9.1	9.3	8.65	14.9	25.3	1.53
1774.0	16: 8	36.6	47	168	9.1	9.1	9.3	8.65	14.9	24.8	1.56
1776.0	16:11	38.5	47	165	9.1	9.1	9.3	8.65	14.9	25.4	1.54
1778.0	16:20	36.6	45	143	9.1	9.1	9.3	8.65	14.9	26.4	1.48
1780.0	16:23	35.5	48	151	9.1	9.1	9.3	8.65	14.9	24.9	1.54
1782.0	16:27	33.6	47	152	9.1	9.1	9.3	8.65	14.9	24.8	1.56
1784.0	16:31	31.8	47	157	9.1	9.1	9.3	8.65	14.9	24.1	1.59
1786.0	16:40	35.3	45	156	9.1	9.1	9.3	8.65	14.9	25.5	1.53
1788.0	16:44	30.5	38	153	9.1	9.1	9.3	8.65	14.9	27.1	1.49
1570											
1790.0	16:49	25.1	36	157	9.1	9.1	9.3	8.65	14.9	26.3	1.54
1792.0	16:54	25.8	36	157	9.1	9.1	9.3	8.65	14.9	26.6	1.53
1794.0	16:59	23.7	35	158	9.1	9.1	9.3	8.65	14.9	26.4	1.55
1798.0	17:15	23.9	33	150	9.1	9.1	9.3	8.65	14.9	27.5	1.51
1800.0	17:19	27.7	39	139	9.1	9.1	9.3	8.65	14.9	26.8	1.50
1802.0	17:23	30.7	39	138	9.1	9.1	9.3	8.65	14.9	27.7	1.47
1804.0	17:27	30.3	37	139	9.1	9.1	9.3	8.65	14.9	28.2	1.45
1806.0	17:40	24.0	38	139	9.1	9.1	9.3	8.65	14.9	25.5	1.56
1808.0	17:45	25.9	36	140	9.1	9.1	9.3	8.65	15.0	27.1	1.50
1810.0	17:49	24.5	35	141	9.1	9.1	9.3	8.65	15.0	27.1	1.51
1591											
1812.0	17:55	22.6	39	141	9.1	9.1	9.3	8.65	15.0	24.8	1.58
1814.0	17:59	26.7	39	141	9.1	9.1	9.3	8.65	15.0	26.5	1.52
1816.0	18:11	20.0	36	128	9.1	9.1	9.3	8.65	15.0	25.9	1.55
1818.0	18:15	30.1	39	163	9.1	9.1	9.3	8.65	15.0	26.8	1.53
1820.0	18:18	32.4	42	164	9.1	9.1	9.3	8.65	15.0	26.4	1.54
1822.0	18:22	31.8	42	165	9.1	9.1	9.3	8.65	15.0	25.9	1.56
1824.0	18:26	30.2	42	165	9.1	9.1	9.3	8.65	15.0	25.7	1.57
1826.0	18:35	31.7	39	150	9.1	9.1	9.3	8.65	15.0	27.8	1.48
1828.0	18:39	30.2	42	149	9.1	9.1	9.3	8.65	15.0	26.2	1.54
1830.0	18:43	32.4	42	149	9.1	9.1	9.3	8.65	15.0	26.9	1.51
1611											
1832.0	18:47	30.9	44	156	9.1	9.1	9.3	8.65	15.0	25.6	1.56
1834.0	18:51	31.1	44	156	9.1	9.1	9.3	8.65	15.0	25.6	1.56
1836.0	19: 1	25.0	45	150	9.1	9.1	9.3	8.65	15.0	23.7	1.64
1838.0	19: 5	30.2	45	154	9.1	9.1	9.3	8.65	15.0	25.2	1.58
1840.0	19:10	26.3	43	161	9.1	9.1	9.3	8.65	15.0	24.3	1.63
1842.0	19:14	29.2	43	161	9.1	9.1	9.3	8.65	15.0	25.6	1.58
1844.0	19:25	28.7	42	154	9.1	9.1	9.3	8.65	15.0	25.5	1.58
1846.0	19:28	37.9	45	146	9.1	9.1	9.3	8.65	15.0	27.4	1.49
1848.0	19:32	30.7	42	146	9.1	9.1	9.3	8.65	15.0	26.8	1.52
1850.0	19:36	28.0	44	146	9.1	9.1	9.3	8.65	15.0	25.2	1.58
1631											
1852.0	19:41	26.7	45	147	9.1	9.1	9.3	8.65	15.0	24.6	1.60
1854.0	19:55	29.1	46	159	9.1	9.1	9.3	8.65	15.0	24.4	1.61
1856.0	20: 0	28.3	39	153	9.1	9.1	9.3	8.65	15.0	26.8	1.53
1858.0	20: 4	29.4	38	155	9.1	9.1	9.3	8.65	15.0	27.6	1.51
1860.0	20: 7	32.6	42	155	9.1	9.1	9.3	8.65	15.0	26.9	1.52
1862.0	20:12	27.4	45	155	9.1	9.1	9.3	8.65	15.0	24.2	1.62
1864.0	20:22	27.6	43	160	9.1	9.1	9.3	8.65	15.0	25.0	1.60
1866.0	20:26	30.4	44	168	9.1	9.1	9.3	8.65	15.0	25.2	1.60
1868.0	20:29	34.0	42	168	9.1	9.1	9.3	8.65	15.0	26.8	1.54
1870.0	20:33	32.4	40	169	9.1	9.1	9.3	8.65	15.0	27.2	1.53
1651											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1651											
1872.0	20:37	34.1	40	170	9.1	9.1	9.3	8.65	15.0	27.8	1.51
1874.0	20:45	33.4	38	163	9.1	9.1	9.3	8.65	15.1	28.6	1.48
1876.0	20:49	33.8	39	164	9.1	9.1	9.3	8.65	15.1	28.3	1.49
1878.0	20:52	32.4	39	166	9.1	9.1	9.3	8.65	15.1	27.9	1.51
1880.0	20:56	31.5	40	165	9.1	9.1	9.3	8.65	15.1	27.3	1.53
1882.0	21: 0	28.8	40	165	9.1	9.1	9.3	8.65	15.1	26.5	1.56
1884.0	21:11	25.0	40	150	9.1	9.1	9.3	8.65	15.1	26.0	1.57
1886.0	21:14	32.7	41	150	9.1	9.1	9.3	8.65	15.1	27.8	1.50
1888.0	21:18	29.4	42	153	9.1	9.1	9.3	8.65	15.1	26.4	1.55
1890.0	21:23	26.6	41	155	9.1	9.1	9.3	8.65	15.1	25.9	1.58
1671											
1892.0	21:33	26.4	41	157	9.1	9.1	9.3	8.65	15.1	25.6	1.59
1894.0	21:37	28.1	44	151	9.1	9.1	9.3	8.65	15.1	25.5	1.59
1896.0	21:42	24.5	44	153	9.1	9.1	9.3	8.65	15.1	24.2	1.64
1898.0	21:47	25.9	44	152	9.1	9.1	9.3	8.65	15.1	24.6	1.62
1900.0	21:52	24.3	44	153	9.1	9.1	9.3	8.65	15.1	24.3	1.64
1902.0	22: 2	25.1	41	161	9.1	9.1	9.3	8.65	15.1	25.2	1.62
1904.0	22: 6	33.1	44	163	9.1	9.1	9.3	8.65	15.1	26.4	1.56
1906.0	22:10	28.6	46	157	9.1	9.1	9.3	8.65	15.1	24.7	1.62
1908.0	22:14	34.7	45	155	9.1	9.1	9.3	8.65	15.1	27.0	1.53
1910.0	22:18	26.5	45	156	9.1	9.1	9.3	8.65	15.1	24.6	1.63
1691											
1912.0	22:29	25.6	41	159	9.1	9.1	9.3	8.65	15.1	25.8	1.60
1914.0	22:32	33.0	46	166	9.1	9.1	9.3	8.65	15.1	25.6	1.59
1916.0	22:36	30.4	46	167	9.1	9.1	9.3	8.65	15.1	24.9	1.61
1918.0	22:41	28.3	48	167	9.1	9.1	9.3	8.65	15.1	23.3	1.67
1920.0	22:45	31.4	48	168	9.1	9.1	9.3	8.65	15.1	24.2	1.63
1922.0	22:54	28.2	44	166	9.1	9.1	9.3	8.65	15.1	24.7	1.61
1924.0	22:59	24.7	39	160	9.1	9.1	9.3	8.65	15.1	25.5	1.59
1926.0	23: 5	22.2	43	160	9.1	9.1	9.3	8.65	15.1	23.0	1.68
1928.0	23:10	24.7	43	160	9.1	9.1	9.3	8.65	15.1	24.2	1.64
1930.0	23:14	26.0	42	160	9.1	9.1	9.3	8.65	15.1	25.1	1.61

NEW BIT ID: 5

1714											
1932.0	7: 8	13.1	45	133	9.2	9.1	9.3	8.65	15.1	18.7	1.82
1934.0	7:16	14.3	48	154	9.2	9.1	9.3	8.65	15.1	17.6	1.89
1936.0	7:24	15.3	47	145	9.2	9.1	9.3	8.65	15.1	18.9	1.83
1938.0	7:31	16.8	47	144	9.1	9.1	9.3	8.65	15.1	20.0	1.78
1940.0	7:50	22.8	48	145	9.1	9.1	9.3	8.65	15.2	22.3	1.69
1942.0	7:50	25.2	44	142	9.1	9.1	9.3	8.65	15.2	24.4	1.60
1944.0	7:56	22.0	46	144	9.1	9.1	9.3	8.65	15.2	22.8	1.67
1946.0	8: 2	19.3	46	147	9.1	9.1	9.3	8.65	15.2	21.5	1.73
1948.0	8: 9	16.2	45	148	9.1	9.1	9.3	8.65	15.2	20.6	1.77
1950.0	8:21	18.5	44	144	9.1	9.1	9.3	8.65	15.2	22.0	1.71
1733											
1952.0	8:27	18.9	46	144	9.2	9.1	9.3	8.65	15.2	21.6	1.73
1954.0	8:33	19.2	46	145	9.2	9.1	9.3	8.65	15.2	21.9	1.72
1956.0	8:39	20.7	46	149	9.2	9.1	9.3	8.65	15.2	22.3	1.71
1958.0	8:45	19.6	45	151	9.1	9.1	9.3	8.65	15.2	22.3	1.71
1960.0	8:57	19.7	45	150	9.1	9.1	9.3	8.65	15.2	22.5	1.71
1962.0	9: 3	19.8	45	152	9.1	9.1	9.3	8.65	15.2	22.6	1.72
1964.0	9: 9	20.9	45	151	9.1	9.1	9.3	8.65	15.2	23.1	1.70
1966.0	9:14	22.8	45	152	9.1	9.1	9.3	8.65	15.2	23.9	1.67
1968.0	9:20	21.9	45	152	9.1	9.1	9.3	8.65	15.2	23.6	1.68
1970.0	9:31	20.3	45	155	9.2	9.1	9.3	8.65	15.2	22.9	1.72
1752											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1752											
1972.0	9:37	23.6	49	158	9.2	9.1	9.3	8.65	15.2	22.6	1.72
1974.0	9:41	27.7	52	160	9.2	9.1	9.3	8.65	15.2	23.2	1.70
1976.0	9:45	30.3	51	161	9.2	9.1	9.3	8.65	15.2	24.4	1.65
1978.0	9:54	31.4	53	157	9.2	9.1	9.3	8.65	15.2	24.3	1.65
1980.0	9:56	30.7	53	160	9.2	9.1	9.3	8.65	15.2	24.0	1.67
1982.0	10: 0	33.8	57	159	9.2	9.1	9.3	8.65	15.2	24.4	1.67
1984.0	10: 4	30.5	54	162	9.2	9.1	9.4	8.65	15.2	23.9	1.68
1986.0	10: 8	25.8	56	162	9.2	9.1	9.4	8.65	15.2	22.4	1.76
1988.0	10:12	31.0	55	162	9.2	9.1	9.4	8.65	15.2	24.0	1.68
1990.0	10:23	29.8	56	161	9.2	9.1	9.4	8.65	15.2	23.7	1.70
1772											
1992.0	10:28	25.8	58	160	9.2	9.1	9.4	8.65	15.2	22.3	1.77
1994.0	10:32	25.2	56	162	9.2	9.1	9.4	8.65	15.2	22.4	1.76
1996.0	10:36	30.8	55	163	9.2	9.1	9.4	8.65	15.2	24.2	1.68
1998.0	10:45	28.7	53	166	9.2	9.1	9.4	8.65	15.2	23.9	1.70
2000.0	10:49	30.2	53	161	9.2	9.1	9.4	8.65	15.2	24.4	1.67
2002.0	10:54	27.2	52	158	9.2	9.1	9.4	8.65	15.2	24.0	1.69
2004.0	10:58	28.8	52	157	9.2	9.1	9.4	8.65	15.2	24.6	1.66
2008.0	11:15	31.6	50	157	9.2	9.1	9.4	8.65	15.3	25.9	1.61
2010.0	11:17	25.0	48	156	9.2	9.1	9.4	8.65	15.3	24.8	1.67
2012.0	11:19	26.0	49	155	9.2	9.1	9.4	8.65	15.3	24.9	1.66
1790											
2014.0	11:22	25.9	49	155	9.2	9.1	9.4	8.65	15.3	24.9	1.66
2016.0	11:26	28.3	48	155	9.2	9.1	9.4	8.65	15.3	25.8	1.63
2018.0	11:35	29.6	49	166	9.2	9.1	9.4	8.65	15.3	25.6	1.64
2020.0	11:39	30.9	49	166	9.2	9.1	9.4	8.65	15.3	25.9	1.63
2022.0	11:43	28.4	51	166	9.2	9.1	9.4	8.65	15.3	24.8	1.68
2024.0	11:47	29.2	51	166	9.2	9.1	9.4	8.65	15.3	25.0	1.67
2026.0	11:57	26.3	50	165	9.2	9.2	9.4	8.65	15.3	24.6	1.69
2028.0	12: 1	27.1	51	164	9.2	9.2	9.4	8.65	15.3	24.4	1.69
2030.0	12: 6	27.9	51	167	9.2	9.2	9.4	8.65	15.3	24.6	1.69
2032.0	12:11	24.4	52	167	9.2	9.2	9.4	8.65	15.3	23.4	1.74
1809											
2034.0	12:15	26.5	51	166	9.2	9.2	9.4	8.65	15.3	24.1	1.71
2036.0	12:26	25.2	50	168	9.2	9.2	9.4	8.65	15.3	24.3	1.71
2038.0	12:31	24.7	52	149	9.2	9.2	9.4	8.65	15.3	24.1	1.71
2040.0	12:36	25.0	53	149	9.2	9.2	9.4	8.65	15.3	24.2	1.71
2042.0	12:40	24.7	53	149	9.2	9.2	9.4	8.65	15.3	24.1	1.71
2044.0	12:45	25.2	52	150	9.2	9.2	9.4	8.65	15.3	24.3	1.70
2046.0	13: 0	26.8	52	143	9.2	9.2	9.4	8.65	15.3	25.0	1.67
2048.0	13: 3	33.4	53	162	9.2	9.2	9.4	8.65	15.3	26.3	1.64
2050.0	13: 7	33.5	54	156	9.2	9.2	9.4	8.65	15.3	26.4	1.63
2052.0	13:10	37.6	54	156	9.2	9.2	9.4	8.65	15.3	27.4	1.59
1829											
2054.0	13:21	26.8	51	159	9.2	9.2	9.4	8.65	15.3	25.2	1.68
2056.0	13:25	32.5	53	164	9.2	9.2	9.4	8.65	15.3	26.2	1.65
2058.0	13:28	34.9	54	166	9.2	9.2	9.4	8.65	15.3	26.5	1.64
2060.0	13:32	33.2	50	167	9.2	9.2	9.4	8.65	15.3	27.1	1.62
2062.0	13:35	36.7	47	165	9.2	9.2	9.4	8.65	15.3	28.9	1.54
2064.0	13:45	29.8	45	153	9.2	9.2	9.4	8.65	15.3	28.1	1.57
2066.0	13:48	43.5	46	155	9.2	9.2	9.4	8.65	15.3	31.1	1.45
2068.0	13:51	37.4	45	162	9.2	9.2	9.4	8.65	15.3	29.9	1.51
2070.0	13:54	34.1	46	161	9.2	9.2	9.4	8.65	15.3	28.9	1.55
2072.0	13:58	35.1	48	160	9.2	9.2	9.4	8.65	15.3	28.7	1.55
1849											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1849											
2074.0	14:11	33.1	46	158	9.2	9.2	9.4	8.65	15.3	29.0	1.55
2076.0	14:13	49.8	46	173	9.2	9.2	9.4	8.65	15.4	31.7	1.44
2078.0	14:16	42.1	46	175	9.2	9.3	9.4	8.65	15.4	30.2	1.51
2080.0	14:19	37.4	47	175	9.2	9.3	9.4	8.65	15.4	29.2	1.55
2082.0	14:22	39.9	46	171	9.2	9.3	9.4	8.65	15.4	30.1	1.51
2084.0	14:32	29.8	45	147	9.2	9.3	9.4	8.65	15.4	29.1	1.55
2086.0	14:36	30.9	46	162	9.3	9.3	9.4	8.65	15.4	28.4	1.58
2088.0	14:39	39.5	45	163	9.3	9.3	9.4	8.65	15.4	30.7	1.49
2090.0	14:42	43.0	46	163	9.3	9.3	9.4	8.65	15.4	31.2	1.47
2092.0	14:52	26.7	46	167	9.3	9.3	9.4	8.65	15.4	27.4	1.64
1869											
2094.0	14:55	39.4	45	170	9.3	9.3	9.4	8.65	15.4	30.9	1.49
2096.0	14:59	32.6	45	163	9.3	9.3	9.4	8.65	15.4	29.5	1.54
2098.0	15: 2	32.5	45	162	9.3	9.3	9.4	8.65	15.4	29.6	1.54
2100.0	15: 6	34.9	45	162	9.3	9.3	9.5	8.65	15.4	30.0	1.52
2102.0	15: 7	38.6	45	163	9.3	9.3	9.5	8.65	15.4	31.1	1.48
2104.0	15:14	29.3	40	165	9.3	9.3	9.5	8.65	15.4	30.5	1.52
2106.0	15:16	34.9	45	167	9.3	9.3	9.5	8.65	15.4	30.4	1.52
2108.0	15:17	35.9	46	166	9.3	9.3	9.5	8.65	15.4	30.2	1.52
2110.0	15:19	32.8	46	155	9.3	9.3	9.5	8.65	15.4	29.8	1.52
2112.0	15:21	32.8	47	161	9.3	9.3	9.5	8.65	15.4	29.4	1.55
1883											
2114.0	15:23	31.5	48	159	9.3	9.3	9.5	8.65	15.4	28.9	1.57
2116.0	16:13	33.2	46	161	9.3	9.4	9.4	8.65	15.4	29.6	1.55
2118.0	16:15	23.5	46	157	9.3	9.4	9.4	8.65	15.4	26.9	1.66
2120.0	16:17	29.0	42	164	9.4	9.4	9.4	8.65	15.4	29.6	1.56
2122.0	16:19	35.1	45	164	9.4	9.4	9.4	8.65	15.4	30.3	1.53
2124.0	16:21	30.3	45	167	9.4	9.4	9.4	8.65	15.4	29.0	1.58
2126.0	16:28	26.7	42	160	9.4	9.4	9.5	8.65	15.4	29.3	1.58
2128.0	16:30	27.7	44	152	9.4	9.4	9.5	8.65	15.4	29.5	1.56
2130.0	16:32	33.1	46	156	9.4	9.4	9.5	8.65	15.4	30.1	1.53
2132.0	16:35	23.4	47	161	9.4	9.4	9.5	8.65	15.4	27.1	1.66
1893											
2134.0	16:37	22.4	46	161	9.4	9.5	9.5	8.65	15.4	26.9	1.67
2136.0	16:40	20.8	45	162	9.4	9.5	9.5	8.65	15.4	26.9	1.68
2138.0	16:45	26.4	46	161	9.4	9.5	9.5	8.65	15.4	28.5	1.61
2140.0	16:57	24.7	45	153	9.4	9.5	9.6	8.65	15.4	28.5	1.60
2142.0	17: 3	21.4	44	157	9.5	9.5	9.6	8.65	15.4	28.0	1.63
2144.0	17: 7	28.2	45	158	9.5	9.5	9.6	8.65	15.4	29.8	1.55
2146.0	17:12	25.0	45	159	9.5	9.5	9.6	8.65	15.5	28.7	1.61
2148.0	17:16	26.8	44	159	9.5	9.5	9.6	8.65	15.5	29.7	1.56
2150.0	17:28	20.4	42	157	9.5	9.5	9.6	8.65	15.5	28.3	1.63
2152.0	17:33	25.9	45	159	9.5	9.5	9.6	8.65	15.5	29.2	1.59
1911											
2154.0	17:39	21.7	40	133	9.5	9.5	9.6	8.65	15.5	30.5	1.53
2156.0	17:45	20.4	40	134	9.5	9.5	9.7	8.65	15.5	30.1	1.55
2158.0	17:50	22.4	40	134	9.5	9.5	9.7	8.65	15.5	30.7	1.53
2160.0	18: 4	15.4	44	129	9.5	9.5	9.7	8.65	15.5	26.7	1.68
2162.0	18: 9	26.3	43	138	9.5	9.5	9.7	8.65	15.5	31.2	1.50
2164.0	18:14	21.4	44	139	9.5	9.5	9.7	8.65	15.5	29.0	1.59
2166.0	18:19	26.7	46	138	9.5	9.5	9.7	8.65	15.5	30.2	1.54
2168.0	18:24	21.2	48	139	9.5	9.5	9.7	8.65	15.5	28.0	1.63
2170.0	18:32	36.4	42	145	9.5	9.5	9.7	8.65	15.5	34.2	1.40
2172.0	18:36	27.1	45	152	9.5	9.5	9.7	8.65	15.5	30.5	1.54
1931											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1931											
2174.0	18:40	35.7	44	152	9.5	9.5	9.7	8.65	15.5	33.0	1.44
2176.0	18:44	31.7	45	152	9.5	9.5	9.7	8.65	15.5	31.6	1.50
2178.0	18:47	32.7	48	151	9.5	9.5	9.7	8.65	15.5	30.9	1.52
2180.0	18:57	27.6	45	135	9.5	9.5	9.7	8.65	15.5	31.3	1.50
2182.0	19: 1	28.1	44	138	9.5	9.5	9.7	8.65	15.5	31.9	1.48
2184.0	19: 6	23.8	43	139	9.5	9.5	9.7	8.65	15.5	30.7	1.54
2186.0	19:10	31.5	48	139	9.5	9.5	9.7	8.65	15.5	31.3	1.50
2188.0	19:20	19.4	47	137	9.5	9.5	9.7	8.65	15.5	28.1	1.64
2190.0	19:25	26.4	47	133	9.5	9.5	9.7	8.65	15.5	30.5	1.54
2192.0	19:29	30.5	47	142	9.5	9.5	9.7	8.65	15.5	31.3	1.51
1951											
2194.0	19:34	23.2	49	142	9.5	9.5	9.7	8.65	15.5	28.8	1.61
2196.0	19:39	25.1	49	142	9.5	9.5	9.7	8.65	15.5	29.3	1.59
2198.0	20: 4	22.6	48	137	9.5	9.5	9.7	8.65	15.5	28.8	1.61
2200.0	20: 9	23.7	47	141	9.5	9.5	9.7	8.65	15.5	29.3	1.60
2202.0	20:12	21.2	48	142	9.5	9.5	9.7	8.65	15.5	28.3	1.64
2204.0	20:15	19.6	48	142	9.5	9.5	9.7	8.65	15.5	27.6	1.67
2206.0	20:24	21.0	46	145	9.5	9.5	9.7	8.65	15.5	28.7	1.63
2208.0	20:26	21.0	48	145	9.5	9.5	9.7	8.65	15.5	28.1	1.65
2210.0	20:29	21.7	45	153	9.5	9.5	9.7	8.65	15.5	29.1	1.62
2212.0	20:34	21.8	45	154	9.5	9.5	9.7	8.65	15.5	29.1	1.63
1966											
2214.0	20:39	26.7	45	153	9.5	9.5	9.7	8.65	15.5	30.7	1.56
2216.0	20:44	25.6	45	154	9.5	9.5	9.7	8.65	15.5	30.4	1.57
2218.0	20:55	26.9	45	148	9.5	9.5	9.7	8.65	15.6	30.9	1.55
2220.0	20:58	24.9	45	146	9.5	9.5	9.7	8.65	15.6	30.6	1.56
2222.0	21: 3	25.4	45	145	9.5	9.5	9.7	8.65	15.6	30.8	1.55
2224.0	21: 8	22.8	45	145	9.5	9.5	9.7	8.65	15.6	30.0	1.59
2226.0	21:13	27.1	45	146	9.5	9.5	9.7	8.65	15.6	31.3	1.53
2228.0	21:25	20.3	45	136	9.5	9.5	9.7	8.65	15.6	29.4	1.61
2230.0	21:30	25.9	45	143	9.5	9.5	9.7	8.65	15.6	31.1	1.54
2232.0	21:35	25.1	45	144	9.5	9.5	9.7	8.65	15.6	30.8	1.56
1985											
2234.0	21:38	19.6	45	144	9.5	9.5	9.7	8.65	15.6	29.0	1.64
2236.0	21:49	24.7	45	145	9.5	9.5	9.7	8.65	15.6	30.6	1.57
2238.0	21:53	30.2	45	147	9.5	9.5	9.7	8.65	15.6	32.2	1.51
2240.0	21:58	26.7	45	151	9.5	9.5	9.7	8.65	15.6	31.2	1.55
2242.0	22: 2	26.1	45	160	9.5	9.5	9.7	8.65	15.6	30.8	1.58
2244.0	22: 7	24.3	46	162	9.5	9.5	9.7	8.65	15.6	29.9	1.61
2246.0	22:16	27.7	44	154	9.5	9.5	9.7	8.65	15.6	31.7	1.54
2248.0	22:20	32.0	50	151	9.5	9.5	9.7	8.65	15.6	31.3	1.54
2250.0	22:24	31.9	51	152	9.5	9.5	9.7	8.65	15.6	30.8	1.56
2252.0	22:29	27.4	51	153	9.5	9.5	9.7	8.65	15.6	29.6	1.62
2004											
2254.0	22:33	26.3	52	154	9.5	9.5	9.7	8.65	15.6	29.2	1.64
2256.0	22:43	25.1	48	148	9.5	9.5	9.7	8.65	15.6	30.2	1.59
2258.0	22:47	32.1	40	151	9.5	9.5	9.7	8.65	15.6	34.6	1.43
2260.0	22:52	25.2	49	151	9.5	9.5	9.7	8.65	15.6	29.9	1.61
2262.0	22:57	25.5	47	152	9.5	9.5	9.7	8.65	15.6	30.4	1.59
2264.0	23:18	7.3	48	148	9.5	9.5	9.7	8.65	15.6	20.4	2.03
2266.0	23:27	14.6	49	141	9.5	9.5	9.6	8.65	15.6	25.6	1.79
2268.0	23:33	22.2	46	149	9.5	9.5	9.6	8.65	15.6	29.5	1.64
2270.0	23:39	18.6	49	147	9.5	9.5	9.7	8.65	15.6	27.7	1.71
2272.0	23:44	24.1	49	147	9.5	9.5	9.6	8.65	15.6	29.7	1.62
2024											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
2024											
2276.0	23:56	24.8	48	151	9.5	9.5	9.6	8.65	15.6	30.2	1.61
2278.0	0: 2	20.1	48	153	9.5	9.5	9.7	8.65	15.6	28.5	1.69
2280.0	0: 8	20.0	50	152	9.5	9.5	9.7	8.65	15.6	27.9	1.71
2282.0	0:14	19.3	50	149	9.5	9.5	9.7	8.65	15.6	27.8	1.71
2284.0	1:38	18.6	51	143	9.5	9.5	9.6	8.65	15.6	27.2	1.74
2286.0	1:43	21.0	48	138	9.5	9.5	9.6	8.65	15.6	29.1	1.65
2288.0	1:49	20.6	48	139	9.5	9.5	9.6	8.65	15.6	29.1	1.66
2290.0	1:55	22.2	47	139	9.5	9.5	9.6	8.65	15.7	30.1	1.61
2292.0	1:59	25.8	47	144	9.5	9.5	9.6	8.65	15.7	31.0	1.58
2294.0	2:12	22.1	46	143	9.5	9.5	9.6	8.65	15.7	30.3	1.61
2044											
2296.0	2:17	23.9	46	151	9.5	9.5	9.6	8.65	15.7	30.6	1.61
2298.0	2:22	22.5	49	152	9.5	9.5	9.7	8.65	15.7	29.3	1.66
2300.0	2:28	22.1	50	149	9.5	9.5	9.7	8.65	15.7	29.0	1.67
2302.0	2:33	21.5	49	149	9.5	9.5	9.7	8.65	15.7	29.2	1.66
2304.0	2:53	20.9	40	136	9.5	9.5	9.7	8.65	15.7	32.4	1.54
2306.0	3:35	16.9	44	132	9.5	9.5	9.6	8.65	15.7	29.4	1.65
2308.0	3:40	22.7	47	138	9.5	9.5	9.6	8.65	15.7	30.6	1.61
2310.0	3:46	20.2	47	142	9.5	9.5	9.6	8.65	15.7	29.4	1.66
2312.0	3:52	19.9	46	137	9.5	9.5	9.6	8.65	15.7	29.8	1.64
2314.0	4: 6	15.7	43	127	9.5	9.5	9.6	8.65	15.7	29.6	1.65
2064											
2316.0	4:13	18.1	44	136	9.5	9.5	9.6	8.65	15.7	29.9	1.64
2318.0	4:20	15.9	42	138	9.5	9.5	9.6	8.65	15.7	29.6	1.66
2320.0	4:27	16.8	45	137	9.5	9.5	9.7	8.65	15.7	29.1	1.68
2322.0	4:40	15.8	46	146	9.5	9.5	9.7	8.65	15.7	28.2	1.73
2324.0	4:47	19.0	45	150	9.5	9.5	9.7	8.65	15.7	29.5	1.67
2326.0	4:55	15.5	43	139	9.5	9.5	9.7	8.65	15.7	29.1	1.69
2328.0	5: 6	11.8	36	129	9.5	9.5	9.7	8.65	15.7	29.8	1.66
2330.0	5:15	13.3	26	139	9.5	9.5	9.7	8.65	15.7	35.1	1.50
2332.0	5:31	13.2	33	130	9.5	9.5	9.7	8.65	15.7	32.1	1.58
2334.0	5:41	12.0	35	138	9.5	9.5	9.7	8.65	15.7	30.2	1.66
2084											
2336.0	5:50	13.4	37	139	9.5	9.5	9.6	8.65	15.7	30.1	1.66
2338.0	5:59	13.0	38	139	9.5	9.5	9.6	8.65	15.7	29.5	1.69
2340.0	6: 9	11.9	38	140	9.5	9.5	9.6	8.65	15.7	29.0	1.71
2342.0	6:24	14.5	37	138	9.5	9.5	9.6	8.65	15.7	30.9	1.63
2344.0	6:33	14.4	37	138	9.5	9.5	9.6	8.65	15.7	30.9	1.64
2346.0	6:42	13.2	37	133	9.5	9.5	9.6	8.65	15.7	30.4	1.65
2348.0	6:53	10.6	37	136	9.5	9.5	9.6	8.65	15.7	28.7	1.72
2350.0	7: 3	11.8	39	135	9.5	9.5	9.7	8.65	15.7	28.8	1.72
2352.0	7:19	12.5	38	138	9.5	9.5	9.7	8.65	15.7	29.7	1.68
2354.0	7:30	11.5	36	139	9.5	9.5	9.6	8.65	15.7	29.7	1.69
2104											
2356.0	7:39	13.8	38	145	9.5	9.5	9.6	8.65	15.7	30.2	1.67
2358.0	7:46	16.7	41	145	9.5	9.5	9.6	8.65	15.7	30.6	1.65
2360.0	9:11	22.7	39	140	9.5	9.5	9.6	8.65	15.7	33.1	1.55
2362.0	9:14	22.5	34	135	9.5	9.5	9.6	8.65	15.7	35.4	1.46
2364.0	9:22	14.6	38	136	9.5	9.5	9.6	8.65	15.8	30.6	1.65
2366.0	9:29	17.4	41	136	9.5	9.5	9.6	8.65	15.8	31.0	1.62
2368.0	9:36	18.1	42	142	9.5	9.5	9.6	8.65	15.8	30.9	1.63
2370.0	9:49	19.4	36	139	9.5	9.5	9.6	8.65	15.8	33.9	1.52
2372.0	9:56	18.0	38	142	9.5	9.5	9.6	8.65	15.8	32.6	1.58
2374.0	10: 2	19.2	38	139	9.5	9.5	9.7	8.65	15.8	33.1	1.56
2123											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2123											
2376.0	10:10	15.8	38	121	9.5	9.5	9.7	8.65	15.8	32.5	1.57
2378.0	10:18	16.1	33	130	9.5	9.5	9.7	8.65	15.8	34.4	1.51
2380.0	10:36	11.8	37	120	9.5	9.5	9.6	8.65	15.8	30.6	1.65
2382.0	10:46	12.9	39	122	9.5	9.5	9.6	8.65	15.8	30.3	1.66
2384.0	10:55	13.6	39	126	9.5	9.5	9.6	8.65	15.8	30.9	1.64
2386.0	11: 2	16.0	38	126	9.5	9.5	9.6	8.65	15.8	32.4	1.58
2390.0	11:23	13.1	39	127	9.5	9.5	9.6	8.65	15.8	30.6	1.66
2392.0	11:33	12.9	39	128	9.5	9.5	9.6	8.65	15.8	30.2	1.68
2394.0	11:44	10.9	37	129	9.5	9.5	9.7	8.65	15.8	29.7	1.70
2396.0	13: 4	30.7	31	129	9.5	9.5	9.6	8.65	15.8	40.1	1.30
2144											
2398.0	13: 6	56.8	37	130	9.5	9.5	9.6	8.65	15.8	42.3	1.18
2400.0	13:14	49.1	33	134	9.5	9.5	9.6	8.65	15.8	42.6	1.20
2402.0	13:33	52.7	31	120	9.5	9.5	9.6	8.65	15.8	44.5	1.12
2404.0	13:34	70.0	33	126	9.5	9.5	9.6	8.65	15.8	45.7	1.07
2406.0	13:36	76.2	34	127	9.5	9.5	9.6	8.65	15.8	46.1	1.05
2408.0	13:37	85.9	33	131	9.5	9.5	9.6	8.65	15.8	47.2	1.02
2410.0	14:38	65.0	32	130	9.5	9.5	9.6	8.65	15.8	45.7	1.09
2412.0	14:39	73.2	35	129	9.5	9.5	9.6	8.65	15.8	45.3	1.08
2414.0	14:41	78.7	35	130	9.5	9.5	9.6	8.65	15.8	45.9	1.06
2416.0	14:42	79.2	36	130	9.5	9.5	9.6	8.65	15.8	45.4	1.07
2164											
2418.0	14:50	61.4	35	128	9.5	9.5	9.6	8.65	15.8	44.1	1.13
2420.0	14:52	64.5	32	121	9.5	9.5	9.6	8.65	15.8	45.6	1.08
2422.0	14:55	41.0	38	127	9.5	9.5	9.7	8.65	15.8	39.9	1.29
2424.0	14:58	42.3	37	134	9.5	9.5	9.7	8.65	15.8	40.0	1.29
2426.0	14:59	78.9	38	133	9.5	9.5	9.7	8.65	15.8	44.5	1.10
2428.0	15: 6	52.6	35	131	9.5	9.5	9.7	8.65	15.8	42.4	1.20
2430.0	15: 9	57.9	40	122	9.5	9.5	9.7	8.65	15.8	42.0	1.19
2432.0	15:10	80.5	42	120	9.5	9.5	9.8	8.65	15.8	44.3	1.07
2434.0	15:12	78.0	41	120	9.5	9.5	9.8	8.65	15.8	44.3	1.08
2436.0	15:13	97.0	39	121	9.5	9.5	9.8	8.65	15.8	46.7	1.00
2184											
2438.0	15:19	72.5	31	127	9.5	9.5	9.8	8.65	15.8	47.5	1.03
2440.0	15:20	93.8	26	124	9.5	9.5	9.8	8.65	15.9	52.2	.90
2442.0	15:21	110.0	27	116	9.5	9.5	9.8	8.65	15.9	53.2	.84
2444.0	15:23	97.2	30	113	9.5	9.5	9.8	8.65	15.9	51.0	.90

NEW BIT ID: 6

2446.0	3:20	43.1	21	101	9.5	9.5	9.6	8.65	15.9	47.8	1.03
2448.0	3:22	49.9	37	117	9.5	9.5	9.6	8.65	15.9	40.6	1.19
2450.0	3:25	56.1	39	118	9.5	9.5	9.6	8.65	15.9	40.7	1.18
2452.0	3:27	59.9	40	118	9.5	9.5	9.6	8.65	15.9	40.9	1.17
2454.0	3:28	60.0	41	117	9.5	9.5	9.6	8.65	15.9	40.7	1.17
2456.0	3:39	50.9	40	116	9.5	9.5	9.6	8.65	15.9	40.0	1.21
2207											
2458.0	3:43	33.3	40	113	9.5	9.5	9.6	8.65	15.9	36.7	1.35
2460.0	3:45	58.4	41	113	9.5	9.5	9.6	8.65	15.9	40.7	1.17
2462.0	3:48	41.2	40	114	9.5	9.5	9.7	8.65	15.9	38.6	1.27
2464.0	3:51	45.0	41	114	9.5	9.5	9.7	8.65	15.9	38.8	1.25
2466.0	4: 1	36.8	37	104	9.5	9.5	9.7	8.65	15.9	39.3	1.25
2468.0	4: 5	32.9	34	103	9.5	9.5	9.7	8.65	15.9	40.0	1.24
2470.0	4:11	21.8	37	104	9.5	9.5	9.7	8.65	15.9	35.6	1.41
2472.0	4:16	23.5	38	110	9.5	9.5	9.7	8.65	15.9	35.7	1.41
2474.0	4:21	23.4	39	127	9.5	9.5	9.7	8.65	15.9	34.2	1.48
2476.0	4:31	39.6	35	125	9.5	9.5	9.7	8.65	15.9	40.0	1.26
2227											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
2227											
2478.0	4:34	40.6	37	126	9.5	9.5	9.7	8.65	15.9	39.3	1.27
2480.0	4:37	39.3	36	127	9.5	9.5	9.7	8.65	15.9	39.6	1.27
2482.0	4:40	35.0	36	129	9.5	9.5	9.7	8.65	15.9	38.7	1.31
2484.0	4:43	39.8	36	135	9.5	9.5	9.7	8.65	15.9	39.5	1.28
2486.0	4:53	34.6	35	114	9.5	9.5	9.7	8.65	15.9	39.7	1.27
2488.0	4:56	37.8	34	115	9.5	9.5	9.7	8.65	15.9	40.6	1.24
2490.0	4:59	38.5	38	114	9.5	9.5	9.7	8.65	15.9	39.3	1.27
2492.0	5: 2	39.8	41	114	9.5	9.5	9.7	8.65	15.9	38.5	1.29
2494.0	5: 5	35.4	44	113	9.5	9.5	9.7	8.65	15.9	36.7	1.36
2496.0	5:28	32.7	43	115	9.5	9.5	9.7	8.65	15.9	36.2	1.37
2247											
2498.0	5:32	29.3	43	117	9.5	9.5	9.7	8.65	15.9	35.3	1.42
2500.0	5:35	52.3	43	117	9.5	9.5	9.7	8.65	15.9	39.6	1.23
2502.0	5:38	36.3	43	120	9.5	9.5	9.7	8.65	15.9	36.8	1.35
2504.0	5:51	28.1	39	118	9.5	9.5	9.7	8.65	15.9	36.4	1.39
2506.0	5:56	26.7	35	115	9.5	9.5	9.7	8.65	15.9	37.9	1.35
2508.0	6: 1	25.5	38	117	9.5	9.5	9.7	8.65	15.9	36.4	1.40
2510.0	6: 3	48.8	34	117	9.5	9.5	9.7	8.65	15.9	42.9	1.16
2512.0	6: 7	29.9	37	116	9.5	9.5	9.7	8.65	15.9	37.9	1.35
2514.0	6:19	29.1	35	111	9.5	9.5	9.7	8.65	15.9	38.7	1.32
2516.0	6:22	55.1	38	118	9.5	9.5	9.7	8.65	15.9	42.1	1.17
2267											
2518.0	6:26	27.3	39	118	9.5	9.5	9.7	8.65	16.0	36.7	1.40
2520.0	6:30	36.0	38	118	9.5	9.5	9.7	8.65	16.0	39.1	1.30
2522.0	6:34	29.5	36	120	9.5	9.5	9.7	8.65	16.0	38.4	1.34
2524.0	6:44	36.5	35	128	9.5	9.5	9.7	8.65	16.0	40.0	1.28
2526.0	6:48	30.2	34	128	9.5	9.5	9.7	8.65	16.0	38.6	1.34
2528.0	6:52	27.6	33	130	9.5	9.5	9.7	8.65	16.0	38.4	1.36
2530.0	6:55	37.2	35	128	9.5	9.5	9.7	8.65	16.0	40.0	1.29
2532.0	8: 5	32.8	36	132	9.5	9.5	9.6	8.65	16.0	38.5	1.35
2534.0	8: 6	29.3	36	138	9.5	9.5	9.6	8.65	16.0	37.2	1.41
2536.0	8: 6	34.5	34	138	9.5	9.5	9.6	8.65	16.0	39.2	1.33
2287											
2540.0	8: 6	31.0	36	139	9.5	9.5	9.6	8.65	16.0	37.7	1.39
2542.0	8: 7	31.5	39	137	9.5	9.5	9.6	8.65	16.0	37.0	1.41
2548.0	8: 7	32.7	38	138	9.5	9.5	9.6	8.65	16.0	37.7	1.39
2550.0	8: 7	35.0	36	138	9.5	9.5	9.6	8.65	16.0	39.0	1.34
2552.0	8: 8	33.0	38	138	9.5	9.5	9.6	8.65	16.0	38.0	1.38
2554.0	8:11	33.9	37	138	9.5	9.5	9.6	8.65	16.0	38.6	1.36
2556.0	8:16	27.1	37	146	9.5	9.5	9.7	8.65	16.0	36.4	1.45
2558.0	8:20	32.3	36	147	9.5	9.5	9.7	8.65	16.0	38.0	1.39
2560.0	8:22	47.2	35	143	9.5	9.5	9.7	8.65	16.0	41.3	1.25
2562.0	8:34	39.0	38	137	9.5	9.5	9.7	8.65	16.0	39.4	1.32
2308											
2564.0	8:37	40.3	38	150	9.5	9.5	9.7	8.65	16.0	39.2	1.34
2566.0	8:40	48.5	39	150	9.5	9.5	9.9	8.65	16.0	41.2	1.26
2568.0	8:43	33.0	39	131	9.5	9.5	10.8	8.65	16.0	41.1	1.24
2570.0	8:54	25.1	40	142	9.5	9.5	10.6	8.65	16.0	38.1	1.37
2572.0	8:58	40.3	39	153	9.5	9.5	10.3	8.65	16.0	40.8	1.28
2574.0	9: 1	34.1	41	153	9.5	9.5	10.1	8.65	16.0	38.0	1.38
2576.0	9: 4	40.2	40	153	9.5	9.5	10.0	8.65	16.0	39.6	1.32
2578.0	9: 7	45.5	41	152	9.5	9.5	10.1	8.65	16.0	40.3	1.28
2580.0	9:16	34.2	40	152	9.5	9.5	9.9	8.65	16.0	37.9	1.40
2582.0	9:19	40.2	37	155	9.5	9.5	9.7	8.65	16.0	39.7	1.34
2328											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
2328											
2584.0	9:22	39.3	39	154	9.5	9.5	9.7	8.65	16.0	38.8	1.37
2586.0	9:26	35.5	43	152	9.5	9.5	9.7	8.65	16.0	36.9	1.43
2588.0	9:29	39.8	43	156	9.5	9.5	9.7	8.65	16.0	37.7	1.40
2590.0	9:37	40.2	42	141	9.5	9.5	9.7	8.65	16.0	38.6	1.36
2592.0	9:40	42.6	43	157	9.5	9.5	9.7	8.65	16.0	38.2	1.39
2594.0	9:43	42.4	43	156	9.5	9.5	9.7	8.65	16.0	38.2	1.38
2596.0	9:46	35.0	44	158	9.5	9.5	9.7	8.65	16.1	36.5	1.46
2598.0	9:51	23.1	46	154	9.5	9.5	9.7	8.65	16.1	33.0	1.61
2600.0	9:59	36.9	43	141	9.5	9.5	9.7	8.65	16.1	37.8	1.40
2602.0	10: 6	20.8	44	126	9.5	9.5	9.7	8.65	16.1	33.8	1.56
2348											
2604.0	10:12	22.2	46	147	9.5	9.5	9.7	8.65	16.1	33.1	1.61
2606.0	10:17	23.8	45	149	9.5	9.5	9.7	8.65	16.1	33.7	1.59
2608.0	10:22	24.7	44	150	9.5	9.5	9.7	8.65	16.1	34.2	1.57
2610.0	10:32	22.3	42	149	9.5	9.5	9.7	8.65	16.1	34.3	1.57
2612.0	10:36	30.0	43	151	9.5	9.5	9.7	8.65	16.1	35.5	1.51
2614.0	10:47	12.1	45	153	9.5	9.5	9.7	8.65	16.1	28.7	1.82
2616.0	10:53	22.6	43	149	9.5	9.5	9.7	8.65	16.1	33.3	1.62
2620.0	11: 7	29.6	43	152	9.5	9.5	9.7	8.65	16.1	35.4	1.52
2622.0	11:11	30.4	42	157	9.5	9.5	9.7	8.65	16.1	36.3	1.49
2624.0	11:15	34.5	42	156	9.5	9.5	9.7	8.65	16.1	37.2	1.45
2369											
2626.0	11:21	19.4	45	146	9.5	9.5	9.7	8.65	16.1	32.7	1.64
2628.0	11:36	15.8	45	139	9.5	9.5	9.7	8.65	16.1	30.8	1.73
2630.0	11:41	22.7	42	162	9.5	9.5	9.7	8.65	16.1	34.4	1.59
2632.0	11:47	24.0	42	163	9.5	9.5	9.7	8.65	16.1	34.5	1.59
2634.0	11:52	23.1	42	162	9.5	9.5	9.7	8.65	16.1	34.4	1.59
2636.0	11:56	37.5	39	163	9.5	9.5	9.7	8.65	16.1	38.7	1.42
2638.0	12: 7	18.9	40	148	9.5	9.5	9.7	8.65	16.1	34.2	1.60
2640.0	12:12	25.7	41	157	9.5	9.5	9.7	8.65	16.1	35.8	1.54
2642.0	12:17	24.7	38	158	9.5	9.5	9.7	8.65	16.1	36.6	1.51
2644.0	12:21	28.0	41	157	9.5	9.5	9.7	8.65	16.1	36.5	1.51
2389											
2646.0	12:26	26.3	41	157	9.5	9.5	9.7	8.65	16.1	36.0	1.53
2648.0	12:35	26.3	48	148	9.5	9.5	9.7	8.65	16.1	34.3	1.59
2650.0	12:41	19.9	47	152	9.5	9.5	9.7	8.65	16.1	32.3	1.68
2652.0	12:46	23.1	47	153	9.5	9.5	9.7	8.65	16.1	33.5	1.63
2654.0	12:53	17.4	46	156	9.5	9.5	9.7	8.65	16.1	31.7	1.72
2656.0	13: 0	17.3	47	157	9.5	9.5	9.7	8.65	16.1	31.4	1.73
2658.0	13:11	17.9	46	151	9.5	9.5	9.7	8.65	16.1	32.0	1.70
2660.0	13:19	15.1	47	163	9.5	9.5	9.7	8.65	16.1	30.1	1.80
2662.0	13:28	12.6	47	150	9.5	9.5	9.7	8.65	16.1	29.0	1.83
2664.0	13:39	11.6	48	152	9.5	9.5	9.7	8.65	16.1	28.3	1.87
2409											
2666.0	13:49	11.8	48	152	9.5	9.5	9.6	8.65	16.1	28.3	1.87
2668.0	14: 9	8.4	49	121	9.5	9.5	9.6	8.65	16.1	26.8	1.93
2670.0	14:24	8.2	48	131	9.5	9.5	9.6	8.65	16.1	26.6	1.96
2672.0	14:41	6.9	44	149	9.5	9.5	9.6	8.65	16.1	26.0	2.00
2674.0	14:58	7.1	45	149	9.5	9.5	9.6	8.65	16.1	26.0	2.00
2675.0	15: 9	5.5	48	149	9.5	9.5	9.6	8.65	16.1	23.2	2.14
NEW BIT ID: 7											
2676.0	22:36	26.7	34	147	9.5	9.6	9.6	8.65	16.2	38.1	1.43

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2425											
2678.0	22:53	11.7	45	135	9.5	9.6	9.6	8.65	16.2	29.1	1.80
2680.0	22:56	33.4	43	142	9.5	9.5	9.6	8.65	16.2	36.9	1.45
2682.0	22:59	44.6	43	143	9.5	9.5	9.6	8.65	16.2	39.3	1.34
2684.0	23: 2	38.4	40	144	9.5	9.5	9.7	8.65	16.2	39.0	1.37
2686.0	23:11	34.7	40	134	9.5	9.5	9.7	8.65	16.2	39.0	1.37
2688.0	23:15	33.3	40	142	9.5	9.5	9.7	8.65	16.2	38.1	1.41
2690.0	23:18	37.5	42	142	9.5	9.5	9.7	8.65	16.2	38.5	1.39
2692.0	23:22	27.1	41	143	9.5	9.5	9.7	8.65	16.2	36.3	1.49
2694.0	23:26	34.7	41	143	9.5	9.5	9.7	8.65	16.2	38.3	1.40
2696.0	23:40	25.3	41	143	9.5	9.5	9.7	8.65	16.2	35.7	1.52
2445											
2698.0	23:45	23.9	39	137	9.5	9.5	9.7	8.65	16.2	36.4	1.49
2700.0	23:50	23.4	41	132	9.5	9.5	9.7	8.65	16.2	36.1	1.50
2702.0	23:56	21.6	41	133	9.5	9.5	9.7	8.65	16.2	35.6	1.52
2704.0	0: 3	17.3	43	143	9.5	9.5	9.7	8.65	16.2	32.9	1.65
2706.0	0:23	8.2	42	145	9.5	9.5	9.7	8.65	16.2	27.7	1.89
2708.0	0:40	7.3	43	132	9.5	9.5	9.7	8.65	16.2	27.1	1.91
2710.0	0:55	8.4	43	130	9.5	9.5	9.7	8.65	16.2	28.2	1.86
2712.0	1: 8	8.7	43	133	9.5	9.5	9.7	8.65	16.2	28.3	1.86
2714.0	1:21	9.7	45	149	9.5	9.5	9.7	8.65	16.2	28.2	1.88
2716.0	1:37	11.9	48	154	9.5	9.5	9.7	8.65	16.2	28.6	1.86
2465											
2718.0	1:41	38.4	47	158	9.5	9.5	9.7	8.65	16.2	36.8	1.49
2720.0	1:49	15.3	47	160	9.5	9.5	9.7	8.65	16.2	30.7	1.78
2722.0	2: 0	10.9	50	157	9.5	9.5	9.7	8.65	16.2	27.4	1.93
2724.0	2:19	9.2	51	149	9.5	9.5	9.7	8.65	16.2	26.3	1.98
2726.0	2:31	10.7	50	152	9.5	9.5	9.7	8.65	16.2	27.5	1.93
2728.0	2:45	8.4	50	146	9.5	9.5	9.7	8.65	16.2	26.1	1.99
2730.0	2:57	9.8	50	141	9.5	9.5	9.7	8.65	16.2	27.3	1.94
2732.0	3:15	6.6	51	142	9.5	9.5	9.6	8.65	16.2	24.4	2.08
2734.0	3:20	13.8	49	140	9.5	9.5	9.6	8.65	16.2	30.2	1.80
2735.0	3:45	11.4	49	142	9.5	9.5	9.6	8.65	16.2	28.8	1.87

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	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
	64										
				NEW BIT ID:	2						
244.0	20:44	-1.94	26	25	.00	.42	7	4	1321	.0	2
246.0	20:45	.39	25	24	.00	.42	7	4	1321	.0	1
248.0	20:45	-2.77	26	24	.00	.41	7	4	1313	.0	2
256.0	20:55	-2.72	26	24	.00	.43	7	4	1311	.0	3
258.0	20:56	-.26	25	24	.00	.44	7	4	1344	.0	2
260.0	20:57	.66	25	23	.00	.43	7	4	1342	.0	2
262.0	20:57	-.11	25	23	.00	.43	7	4	1307	.0	2
264.0	20:58	.09	25	23	.00	.44	7	4	1297	.0	2
270.0	21: 6	.27	25	23	.00	.41	7	4	890	.0	3
274.0	21:13	.58	25	23	.00	.41	7	4	687	.0	2
	89										
276.0	21:13	1.03	26	22	.00	.41	7	4	665	.0	2
278.0	21:14	1.06	26	22	.00	.41	7	4	661	.0	2
280.0	21:15	.79	26	22	.00	.41	7	4	656	.0	2
282.0	21:15	.84	26	22	.00	.41	7	4	655	.0	2
284.0	21:16	.73	26	22	.00	.41	7	4	656	.0	1
286.0	21:26	.82	26	23	.00	.40	7	4	955	.0	2
288.0	21:27	.75	26	22	.00	.40	7	4	1222	.0	2
290.0	21:28	.63	26	23	.00	.41	7	4	1250	.0	2
292.0	21:38	.03	26	24	.00	.41	7	4	1249	.0	1
294.0	21:38	.54	27	23	.00	.41	7	4	1221	.0	1
	106										
298.0	21:41	-3.57	27	23	.00	.46	7	4	1260	.0	1
300.0	21:41	.79	27	24	.00	.57	7	4	1292	.0	1
304.0	21:53	.28	27	25	.00	.65	7	4	1287	.0	2
306.0	21:54	1.30	27	26	.00	.75	7	4	1293	.0	2
308.0	21:55	1.23	27	26	.00	.71	7	4	1296	.0	2
310.0	21:56	.34	27	26	.00	.68	7	4	1291	.0	1
312.0	21:57	-3.51	27	26	.00	.64	7	4	1299	.0	2
314.0	22: 9	1.23	27	26	.00	.57	7	4	1271	.0	2
316.0	22:10	1.19	26	25	.00	.53	7	4	1280	.0	2
318.0	22:11	1.48	26	25	.00	.52	7	4	1294	.0	2
	123										
320.0	22:12	1.28	26	26	.00	.49	7	4	1293	.0	2
322.0	22:13	1.26	26	26	.00	.51	7	4	1299	.0	2
324.0	22:20	1.02	26	26	.00	.48	7	4	1255	.0	2
326.0	22:21	.93	26	26	.00	.49	7	4	1255	.0	2
328.0	22:22	.68	26	26	.00	.51	7	4	1267	.0	2
330.0	22:23	.92	26	25	.00	.51	7	4	1277	.0	2
332.0	22:30	.80	26	26	.00	.52	7	4	1289	.0	2
334.0	22:30	.95	26	26	.00	.53	7	4	1302	.0	2
336.0	22:31	.70	26	26	.00	.51	7	4	1299	.0	2
338.0	22:31	.93	26	26	.00	.52	7	4	1309	.0	2
	143										
342.0	22:38	.82	26	26	.00	.52	7	4	1304	.0	2
344.0	22:39	1.05	26	27	.00	.51	7	4	1304	.0	2
346.0	22:40	.87	26	27	.00	.51	7	4	1305	.0	2
348.0	22:40	.98	26	27	.00	.51	7	4	1305	.0	2
350.0	22:41	.95	26	27	.00	.52	7	4	1300	.0	2
352.0	22:48	.68	26	27	.00	.51	7	4	1293	.0	2
354.0	22:49	1.17	26	27	.00	.50	7	4	1298	.0	2

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
157											
356.0	22:50	1.01	26	27	.00	.50	7	4	1299	.0	2
358.0	22:50	1.08	26	27	.00	.51	7	4	1303	.0	2
360.0	22:57	.48	26	27	.00	.49	7	4	1274	.0	1
362.0	22:58	.69	26	27	.00	.49	7	4	1300	.0	2
364.0	22:58	.84	26	27	.00	.49	7	4	1293	.0	2
366.0	22:59	1.26	26	27	.00	.50	7	4	1295	.0	2
368.0	23: 0	1.28	26	27	.00	.50	7	4	1297	.0	1
370.0	23: 6	1.35	26	27	.00	.50	7	4	1303	.0	1
372.0	23: 7	.42	26	27	.00	.48	7	4	1296	.0	1
374.0	23: 8	.96	26	27	.00	.48	7	4	1296	.0	1
172											
376.0	23: 9	1.53	26	27	.00	.48	7	4	1312	.0	2
380.0	23:17	1.38	26	27	.00	.47	7	4	1284	.0	1
382.0	23:18	1.33	26	27	.00	.47	7	4	1275	.0	2
384.0	23:19	1.46	26	27	.00	.47	7	4	1287	.0	2
386.0	23:19	1.52	26	27	.00	.48	7	4	1285	.0	2
388.0	23:20	1.36	26	27	.00	.48	7	4	1286	.0	2
390.0	23:27	1.17	26	27	.00	.47	7	4	1285	.0	2
392.0	23:27	1.55	26	27	.00	.47	7	4	1291	.0	2
394.0	23:28	1.39	26	27	.00	.48	7	4	1292	.0	2
396.0	23:29	1.49	26	27	.00	.49	7	4	1290	.0	2
191											
398.0	23:38	1.18	26	27	.00	.49	7	4	1291	.0	2
400.0	23:41	.98	26	28	.00	.49	7	4	1204	.0	2
402.0	23:45	1.17	26	28	.00	.48	7	4	1207	.0	2
404.0	23:46	1.51	26	28	.00	.47	7	4	1209	.0	2
406.0	23:47	1.51	26	28	.00	.48	7	4	1211	.0	2
408.0	23:54	1.33	27	28	.00	.48	7	4	1205	.0	2
410.0	23:56	1.64	29	28	.00	.46	7	4	1175	.0	2
412.0	23:58	1.68	29	28	.00	.46	7	4	1183	.0	2
414.0	0: 0	1.69	28	28	.00	.46	7	4	1199	.0	2
416.0	0: 2	1.70	28	28	.00	.46	7	4	1211	.0	2
211											
418.0	0:11	1.60	29	28	.00	.47	7	4	1195	.0	2
420.0	0:14	1.91	29	28	.00	.47	7	4	1202	.0	2
422.0	0:17	1.95	29	29	.00	.48	7	4	1209	.0	2
424.0	0:20	1.96	29	29	.00	.49	7	4	1217	.0	2
426.0	0:22	2.01	29	29	.00	.48	7	4	1224	.0	2
428.0	0:30	2.01	29	29	.00	.48	7	4	1219	.0	2
430.0	0:32	2.01	29	29	.00	.47	7	4	1219	.0	2
432.0	0:33	1.96	30	29	.00	.48	7	4	1222	.0	2
434.0	0:35	1.89	30	30	.00	.49	7	4	1222	.0	2
436.0	0:36	1.83	29	30	.00	.49	7	4	1222	.0	2
231											
438.0	0:44	1.77	30	30	.00	.49	7	4	1225	.0	2
440.0	0:46	1.76	30	30	.00	.49	7	4	1256	.0	2
442.0	0:48	1.69	30	30	.00	.50	7	4	1261	.0	2
444.0	0:50	1.82	30	30	.00	.49	7	4	1263	.0	2
446.0	0:52	1.89	30	31	.00	.50	7	4	1260	.0	2
448.0	0:59	1.70	30	31	.00	.48	7	4	1178	.0	2
450.0	1: 1	1.93	30	31	.00	.48	7	4	1164	.0	2
452.0	1: 3	1.94	30	30	.00	.47	7	4	1174	.0	2
454.0	1: 4	1.97	30	31	.00	.47	7	4	1188	.0	2
456.0	1:13	2.03	30	30	.00	.48	7	4	1194	.0	2
251											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
251											
458.0	1:15	1.96	30	31	.00	.47	7	4	1218	.0	2
460.0	1:17	1.95	30	31	.00	.47	7	4	1216	.0	2
462.0	1:19	1.95	30	31	.00	.47	7	4	1216	.0	2
464.0	1:21	1.95	30	31	.00	.47	7	4	1216	.0	2
466.0	1:28	1.85	30	31	.00	.49	7	4	1218	.0	2
468.0	1:31	1.89	30	31	.00	.51	7	4	1219	.0	2
470.0	1:33	2.04	30	31	.00	.51	7	4	1209	.0	2
472.0	1:35	2.10	30	31	.00	.53	7	4	1209	.0	2
474.0	1:37	2.15	30	31	.00	.53	7	4	1209	.0	2
476.0	1:44	2.07	30	32	.00	.52	7	4	1213	.0	2
271											
478.0	1:47	2.08	30	32	.00	.50	7	4	1224	.0	2
480.0	1:50	2.05	30	32	.00	.49	7	4	1224	.0	2
482.0	1:52	1.97	30	32	.00	.47	7	4	1220	.0	2
484.0	1:54	2.05	30	32	.00	.47	7	4	1225	.0	2
486.0	2: 2	2.02	31	32	.00	.47	7	4	1218	.0	2
488.0	2: 4	2.04	31	32	.00	.48	7	4	1208	.0	2
490.0	2: 7	2.08	30	32	.00	.48	7	4	1210	.0	2
492.0	2: 9	2.22	30	32	.00	.49	7	4	1213	.0	2
494.0	2:12	2.27	30	32	.00	.49	7	4	1213	.0	2
496.0	2:20	2.32	30	33	.00	.51	7	4	1216	.0	2
291											
498.0	2:23	2.39	30	32	.00	.51	7	4	1219	.0	2
500.0	2:26	2.58	30	33	.00	.51	7	4	1221	.0	2
502.0	2:30	2.60	30	33	.00	.51	7	4	1217	.0	2
504.0	2:48	3.23	30	33	.00	.52	7	4	1224	.0	2
506.0	2:53	2.80	31	33	.00	.52	7	4	1236	.0	2
508.0	3: 2	3.11	31	34	.00	.52	7	4	1212	.0	2
510.0	3: 4	2.51	31	34	.00	.53	7	4	1209	.0	2
512.0	3: 7	2.66	31	34	.00	.53	7	4	1209	.0	2
514.0	3:14	2.54	31	34	.00	.52	7	4	1217	.0	2
516.0	3:17	2.46	31	34	.00	.52	7	4	1223	.0	2
311											
518.0	3:23	3.02	31	35	.00	.52	7	4	1218	.0	2
520.0	3:28	2.73	31	35	.00	.52	7	4	1215	.0	2
522.0	3:30	2.20	31	35	.00	.53	7	4	1223	.0	2
524.0	3:42	2.71	31	35	.00	.52	7	4	1198	.0	2
526.0	3:45	2.71	31	35	.00	.53	7	4	1197	.0	2
528.0	3:48	2.69	31	35	.00	.52	7	4	1209	.0	2
530.0	3:49	2.59	31	35	.00	.52	7	4	1209	.0	2
532.0	3:51	2.46	31	35	.00	.52	7	4	1213	.0	2
534.0	3:59	2.70	31	35	.00	.53	7	4	1244	.0	2
536.0	4: 1	2.49	31	34	.00	.53	7	4	1248	.0	2
331											
538.0	4: 2	2.53	31	35	.00	.53	7	4	1240	.0	2
540.0	4: 4	2.46	31	35	.00	.53	7	4	1232	.0	2
544.0	4:14	2.62	31	35	.00	.49	7	4	890	.0	3
546.0	4:18	2.64	31	34	.00	.47	7	4	552	.0	2
548.0	4:22	2.39	30	34	.00	.48	7	4	560	.0	2
550.0	4:28	2.66	30	34	.00	.48	7	4	553	.0	2
552.0	4:36	2.38	31	34	.00	.51	7	4	990	.0	2
554.0	4:37	2.49	31	34	.00	.53	7	4	1226	.0	2
556.0	4:39	2.53	31	34	.00	.52	7	4	1220	.0	2
558.0	4:41	2.51	31	35	.00	.53	7	4	1224	.0	2
352											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDDV	RECDS
352											
560.0	4:43	2.51	31	35	.00	.53	7	4	1226	.0	2
562.0	4:50	2.45	31	35	.00	.52	7	4	1214	.0	2
564.0	4:52	2.76	31	34	.00	.51	7	4	1211	.0	2
566.0	4:53	2.68	31	34	.00	.51	7	4	1211	.0	2
568.0	4:55	2.70	31	34	.00	.52	7	4	1219	.0	2
570.0	4:57	2.65	31	34	.00	.52	7	4	1219	.0	2
572.0	5: 4	2.51	31	34	.00	.51	7	4	1221	.0	2
574.0	5: 5	2.29	31	34	.00	.51	7	4	1226	.0	2
576.0	5: 6	2.35	31	34	.00	.52	7	4	1228	.0	2
578.0	5: 7	2.45	31	34	.00	.51	7	4	1234	.0	2
372											
580.0	5:16	2.32	31	35	.00	.51	7	4	1228	.0	2
582.0	5:17	2.34	32	35	.00	.50	7	4	1211	.0	2
584.0	5:18	2.43	32	35	.00	.51	7	4	1213	.0	2
586.0	5:21	2.58	32	34	.00	.51	7	4	1216	.0	2
588.0	5:23	2.45	32	35	.00	.50	7	4	1218	.0	2
590.0	5:32	2.38	32	35	.00	.51	7	4	1212	.0	2
592.0	5:34	2.34	32	35	.00	.52	7	4	1213	.0	2
594.0	5:36	2.18	32	35	.00	.53	7	4	1213	.0	2
596.0	5:38	2.17	32	35	.00	.52	7	4	1213	.0	2
598.0	5:41	2.21	32	35	.00	.53	7	4	1213	.0	2
392											
600.0	5:50	2.30	32	35	.00	.53	7	4	1241	.0	2
602.0	5:53	2.74	32	35	.00	.53	7	4	1247	.0	2
604.0	5:55	2.71	32	35	.00	.53	7	4	1249	.0	2
606.0	5:57	2.74	32	35	.00	.54	7	4	1252	.0	2
608.0	6:15	2.67	32	35	.00	.53	7	4	1270	.0	2
610.0	6:17	2.72	32	35	.00	.52	7	4	1313	.0	2
612.0	6:19	2.81	32	35	.00	.53	7	4	1311	.0	2
614.0	6:21	2.68	32	35	.00	.53	7	4	1313	.0	2
616.0	6:22	2.53	32	35	.00	.53	7	4	1309	.0	2
618.0	6:30	2.79	32	35	.00	.52	7	4	1291	.0	2
412											
620.0	6:32	2.51	32	35	.00	.52	7	4	1255	.0	2
622.0	6:34	2.56	32	35	.00	.52	7	4	1255	.0	2
624.0	6:35	2.57	32	35	.00	.52	7	4	1255	.0	2
626.0	6:37	2.59	32	35	.00	.52	7	4	1254	.0	2
628.0	6:44	2.57	32	35	.00	.52	7	4	1263	.0	2
630.0	6:46	2.66	32	35	.00	.51	7	4	1269	.0	2
632.0	6:49	2.69	32	35	.00	.51	7	4	1267	.0	2
634.0	6:51	2.63	32	36	.00	.50	7	4	1267	.0	2
636.0	6:53	2.69	32	36	.00	.51	7	4	1263	.0	2
638.0	7: 1	2.66	32	36	.00	.51	7	4	1263	.0	2
432											
640.0	7: 3	2.74	32	36	.00	.50	7	4	1263	.0	2
642.0	7: 5	2.66	32	35	.00	.51	7	4	1263	.0	2
644.0	7: 7	2.62	32	36	.00	.50	7	4	1263	.0	2
646.0	7: 9	2.75	32	36	.00	.50	7	4	1253	.0	2
648.0	7:15	2.55	32	36	.00	.51	7	4	1257	.0	2
650.0	7:18	2.84	32	36	.00	.51	7	4	1265	.0	2
652.0	7:19	2.56	32	36	.00	.51	7	4	1265	.0	2
654.0	7:21	2.67	32	36	.00	.51	7	4	1267	.0	2
656.0	7:23	2.77	32	36	.00	.51	7	4	1263	.0	2
658.0	7:33	2.96	32	36	.00	.50	7	4	1256	.0	2
452											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
452											
660.0	7:34	2.52	32	36	.00	.50	7	4	1250	.0	2
662.0	7:36	2.63	32	36	.00	.50	7	4	1250	.0	2
664.0	7:39	2.70	32	36	.00	.50	7	4	1252	.0	2
666.0	7:46	2.58	33	36	.00	.51	7	4	1261	.0	2
668.0	7:48	2.70	33	36	.00	.50	7	4	1276	.0	2
670.0	7:49	2.68	32	36	.00	.50	7	4	1274	.0	2
672.0	7:51	2.56	32	36	.00	.49	7	4	1272	.0	2
674.0	7:52	2.54	32	36	.00	.48	7	4	1256	.0	2
676.0	7:59	2.50	32	36	.00	.48	10	6	1221	.0	2
678.0	8: 1	2.51	32	36	.00	.48	12	7	1209	.0	2
472											
680.0	8: 3	2.70	32	36	.00	.48	12	7	1209	.0	2
682.0	8: 5	2.64	32	36	.00	.48	12	7	1203	.0	2
684.0	8: 7	2.54	32	36	.00	.48	12	7	1203	.0	2
686.0	8:14	2.44	32	36	.00	.48	12	7	1230	.0	2
688.0	8:16	2.58	32	36	.00	.48	12	7	1243	.0	2
690.0	8:19	2.79	32	36	.00	.48	12	7	1217	.0	2
692.0	8:20	2.44	32	36	.00	.48	12	7	1209	.0	2
694.0	8:21	2.41	32	36	.00	.48	12	7	1209	.0	2
696.0	8:29	2.24	33	36	.00	.48	12	7	1223	.0	2
698.0	8:30	2.47	33	36	.00	.48	12	7	1228	.0	2
492											
700.0	8:31	2.53	33	36	.00	.48	12	7	1225	.0	2
702.0	8:33	2.47	33	36	.00	.48	12	7	1225	.0	2
704.0	8:35	2.58	33	36	.00	.47	12	7	1228	.0	2
706.0	8:44	2.01	33	37	.00	.47	12	7	1222	.0	2
708.0	8:46	2.69	33	36	.00	.47	12	7	1216	.0	2
710.0	8:47	2.36	33	36	.00	.47	12	7	1200	.0	2
712.0	8:49	2.40	33	36	.00	.46	12	7	1197	.0	2
714.0	8:56	2.59	33	36	.00	.46	12	7	1200	.0	2
716.0	8:58	2.56	33	36	.00	.47	12	7	1251	.0	2
718.0	9: 0	2.65	33	36	.00	.47	12	7	1233	.0	2
512											
720.0	9: 2	2.75	33	36	.00	.47	12	7	1219	.0	2
722.0	9: 5	2.78	33	37	.00	.47	12	7	1220	.0	2
724.0	9:13	2.72	33	37	.00	.47	12	7	1232	.0	2
726.0	9:15	2.81	33	36	.00	.47	12	7	1239	.0	2
728.0	9:19	2.93	33	36	.00	.47	12	7	1239	.0	2
730.0	9:22	2.90	33	36	.00	.47	12	7	1239	.0	2
732.0	9:25	3.05	33	36	.00	.47	12	7	1239	.0	2
734.0	9:34	2.99	33	36	.00	.46	12	7	1234	.0	2
736.0	9:37	2.94	33	37	.00	.46	12	7	1229	.0	2
738.0	9:38	2.76	33	37	.00	.46	12	7	1229	.0	2
532											
740.0	9:40	2.74	33	37	.00	.47	12	7	1232	.0	2
742.0	9:41	2.25	33	37	.00	.47	12	7	1224	.0	2
744.0	9:50	2.91	33	36	.00	.47	12	7	1246	.0	2
746.0	9:53	2.90	33	37	.00	.47	12	7	1246	.0	2
748.0	9:55	2.91	33	37	.00	.47	12	7	1249	.0	2
750.0	9:58	2.94	33	37	.00	.47	12	7	1247	.0	2
752.0	10: 6	3.12	33	36	.00	.46	12	7	1238	.0	2
754.0	10:10	3.03	33	36	.00	.46	12	7	1238	.0	2
756.0	10:10	2.35	33	36	.00	.47	12	7	1236	.0	2
758.0	10:13	2.97	33	37	.00	.47	12	7	1239	.0	2
552											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
552											
760.0	10:21	2.99	33	37	.00	.46	12	7	1236	.0	2
762.0	10:24	2.97	33	37	.00	.46	12	7	1204	.0	2
764.0	10:26	2.94	33	37	.00	.46	12	7	1207	.0	2
766.0	10:29	2.93	33	37	.00	.45	12	7	1207	.0	2
768.0	10:31	2.92	33	37	.00	.45	12	7	1209	.0	2
770.0	10:38	3.01	33	37	.00	.45	12	7	1225	.0	2
772.0	10:41	3.01	33	37	.00	.45	12	7	1254	.0	2
774.0	10:43	2.81	33	37	.00	.45	12	7	1252	.0	2
776.0	11: 8	2.91	34	38	.00	.46	12	7	1252	.0	2
778.0	11:11	3.03	34	38	.00	.47	12	7	1252	.0	2
572											
780.0	11:17	2.80	34	38	.00	.47	12	7	1252	.0	2
782.0	11:20	2.94	34	37	.00	.46	12	7	1242	.0	2
784.0	11:21	2.85	34	37	.00	.46	12	7	1250	.0	2
786.0	11:23	2.91	34	37	.00	.46	12	7	1239	.0	2
788.0	11:26	3.00	34	37	.00	.46	12	7	1235	.0	2
790.0	11:34	3.06	34	37	.00	.46	12	7	1261	.0	2
792.0	11:36	2.96	34	37	.00	.46	12	7	1298	.0	2
794.0	11:38	2.90	34	37	.00	.46	12	7	1298	.0	2
796.0	11:41	2.96	34	38	.00	.46	12	7	1300	.0	2
798.0	11:44	2.97	34	38	.00	.47	12	7	1302	.0	2
592											
800.0	11:58	3.03	35	38	.00	.46	12	7	1270	.0	2
802.0	12: 1	3.05	35	38	.00	.47	10	6	1311	.0	2
804.0	12: 4	3.18	35	38	.00	.47	10	6	1306	.0	2
806.0	12: 8	3.38	34	38	.00	.47	10	6	1297	.0	2
808.0	12:13	3.37	34	38	.00	.47	10	6	1300	.0	2
810.0	12:22	3.13	35	38	.00	.47	10	6	1271	.0	2
812.0	12:25	3.01	35	37	.00	.48	10	6	1299	.0	2
814.0	12:29	3.11	35	38	.00	.48	10	6	1287	.0	2
816.0	12:32	3.12	35	38	.00	.48	10	6	1275	.0	2
818.0	12:36	3.04	35	38	.00	.48	10	6	1291	.0	2
612											
820.0	13: 1	3.21	35	38	.00	.46	10	6	1279	.0	2
822.0	13: 4	2.96	36	37	.00	.46	10	6	1307	.0	2
824.0	13: 6	2.90	36	38	.00	.46	10	6	1300	.0	2
826.0	13: 8	2.84	36	38	.00	.46	10	6	1300	.0	2
828.0	13:10	2.93	36	38	.00	.46	10	6	1298	.0	2
830.0	13:20	3.11	36	37	.00	.47	10	6	1300	.0	2
832.0	13:24	3.06	36	37	.00	.47	10	6	1304	.0	2
834.0	13:27	3.06	36	38	.00	.48	10	6	1304	.0	2
836.0	13:32	3.16	36	38	.00	.48	10	6	1302	.0	2
838.0	13:39	3.02	36	38	.00	.49	10	6	1300	.0	2
632											
840.0	13:42	3.06	34	39	.00	.50	10	6	1295	.0	2
842.0	13:45	3.00	32	39	.00	.49	10	6	1295	.0	2
844.0	13:49	3.07	31	39	.00	.49	10	6	1295	.0	2
846.0	13:53	3.11	32	39	.00	.48	10	6	1289	.0	2
848.0	14: 1	3.11	33	39	.00	.50	10	6	1281	.0	2
850.0	14: 5	3.24	32	39	.00	.48	10	6	1281	.0	2
852.0	14: 9	3.26	32	39	.00	.48	10	6	1276	.0	2
854.0	14:14	3.32	32	39	.00	.50	10	6	1276	.0	2
856.0	14:18	3.22	32	39	.00	.52	10	6	1280	.0	2
858.0	14:24	2.90	32	39	.00	.53	10	6	1281	.0	2
652											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
652											
860.0	14:27	2.97	32	39	.00	.51	10	6	1297	.0	2
862.0	14:30	2.96	33	39	.00	.50	10	6	1289	.0	2
864.0	14:32	3.00	33	39	.00	.49	10	6	1296	.0	2
866.0	14:35	3.00	33	39	.00	.48	10	6	1290	.0	2
868.0	14:41	2.95	33	39	.00	.47	10	6	1291	.0	2
870.0	14:43	3.00	33	39	.00	.47	10	6	1288	.0	2
872.0	14:45	2.97	33	39	.00	.47	10	6	1288	.0	2
874.0	14:48	2.93	33	39	.00	.47	10	6	1288	.0	2
875.0	14:49	2.95	33	39	.00	.47	10	6	1288	.0	1
NEW BIT ID: 3											
876.0	16:38	2.67	31	36	.00	.50	25	6	1014	.0	1
674											
878.0	16:42	3.14	31	36	.00	.50	25	6	1009	.0	2
880.0	17:33	3.22	31	34	.00	.53	25	6	1035	.0	2
882.0	17:36	3.05	31	36	.00	.50	25	6	1043	.0	2
884.0	17:39	3.19	31	38	.00	.49	25	6	1041	.0	2
888.0	17:51	3.05	31	38	.00	.49	25	6	1049	.0	4
890.0	17:53	3.02	32	38	.00	.49	25	6	1058	.0	2
892.0	17:55	2.96	31	38	.00	.49	25	6	1058	.0	2
894.0	17:57	3.15	31	38	.00	.49	25	6	1058	.0	2
898.0	18: 6	3.11	32	38	.00	.49	22	6	1034	.0	3
900.0	18: 8	3.12	34	38	.00	.49	20	6	1020	.0	2
697											
902.0	18:10	3.23	35	38	.00	.50	20	6	1012	.0	2
904.0	18:12	3.13	37	38	.00	.51	20	6	1014	.0	2
906.0	18:13	3.12	37	38	.00	.52	20	6	1016	.0	2
908.0	18:21	3.17	38	38	.00	.55	20	6	1022	.0	2
910.0	18:23	3.07	38	38	.00	.55	20	6	1025	.0	2
912.0	18:25	3.14	38	38	.00	.55	20	6	1023	.0	2
914.0	18:26	3.13	38	38	.00	.54	20	6	1022	.0	2
916.0	18:34	3.14	39	38	.00	.56	20	6	1008	.0	2
918.0	18:36	3.10	39	38	.00	.55	20	6	1016	.0	2
920.0	18:38	3.14	39	38	.00	.54	20	6	1014	.0	2
717											
922.0	18:40	3.36	39	39	.00	.52	20	6	1014	.0	2
924.0	18:41	3.31	39	39	.00	.51	20	6	1010	.0	2
926.0	18:49	3.31	40	39	.00	.50	20	6	1010	.0	2
928.0	18:51	3.33	40	39	.00	.50	20	6	1015	.0	2
930.0	18:53	3.34	40	39	.00	.50	20	6	1015	.0	2
932.0	18:55	3.38	40	39	.00	.50	20	6	1015	.0	2
934.0	18:56	3.34	40	39	.00	.50	20	6	1015	.0	2
936.0	19: 5	3.42	40	39	.00	.50	20	6	1020	.0	2
938.0	19: 6	3.36	40	39	.00	.50	20	6	1012	.0	2
940.0	19: 9	3.42	40	39	.00	.50	20	6	1010	.0	2
737											
942.0	19:12	3.66	40	39	.00	.50	20	6	1016	.0	2
944.0	19:14	3.44	40	40	.00	.51	20	6	1016	.0	2
946.0	19:29	3.48	40	40	.00	.48	20	6	679	.0	2
948.0	19:31	3.38	40	39	.00	.49	20	6	638	.0	2
950.0	19:33	3.40	40	39	.00	.48	20	6	638	.0	2
952.0	19:36	3.42	40	39	.00	.48	20	6	638	.0	2
954.0	19:43	3.35	40	39	.00	.48	20	6	639	.0	2

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
751											
956.0	19:45	3.36	41	39	.00	.51	20	6	1032	.0	2
958.0	19:47	3.37	41	39	.00	.51	20	6	1030	.0	2
960.0	19:49	3.35	41	39	.00	.52	20	6	1029	.0	2
962.0	19:51	3.38	41	39	.00	.51	20	6	1025	.0	2
964.0	19:59	3.33	41	39	.00	.52	20	6	1025	.0	2
966.0	20: 2	3.39	41	39	.00	.52	20	6	1032	.0	2
968.0	20: 4	3.44	41	39	.00	.53	20	6	1027	.0	2
970.0	20: 6	3.43	41	39	.00	.52	20	6	1018	.0	2
972.0	20: 8	3.40	41	39	.00	.53	20	6	1020	.0	2
974.0	20:21	3.43	41	40	.00	.53	20	6	998	.0	2
771											
976.0	20:23	3.34	41	40	.00	.54	20	6	1013	.0	2
978.0	20:25	3.35	41	40	.00	.54	20	6	1020	.0	2
980.0	20:27	3.31	41	40	.00	.54	20	6	1026	.0	2
982.0	20:29	3.30	42	40	.00	.54	20	6	1026	.0	2
984.0	20:39	3.35	42	40	.00	.54	20	6	1011	.0	2
986.0	20:42	3.54	42	40	.00	.55	18	6	1014	.0	2
988.0	20:44	3.39	42	40	.00	.54	18	6	1014	.0	2
990.0	20:46	3.32	42	40	.00	.55	18	6	1017	.0	2
994.0	21:10	3.31	40	39	.00	.55	18	6	1017	.0	2
996.0	21:12	3.47	39	39	.00	.55	18	6	1017	.0	2
791											
998.0	21:14	3.46	39	39	.00	.55	18	6	1019	.0	2
1000.0	21:15	3.42	39	39	.00	.56	18	6	1019	.0	2
1012.0	21:21	3.25	39	39	.00	.55	18	6	1026	.0	1
1014.0	21:23	3.37	39	39	.00	.57	18	6	1008	.0	2
1016.0	21:25	3.33	39	39	.00	.58	18	6	1006	.0	2
1018.0	21:27	3.29	39	39	.00	.58	18	6	1002	.0	2
1020.0	21:29	3.29	39	39	.00	.58	18	6	1002	.0	2
1022.0	21:37	3.34	39	40	.00	.57	18	6	1001	.0	2
1024.0	21:39	3.34	39	39	.00	.55	18	6	1012	.0	2
1026.0	21:41	3.38	39	39	.00	.56	18	6	1007	.0	2
810											
1028.0	21:42	3.35	39	39	.00	.56	18	6	1009	.0	2
1030.0	21:44	3.33	39	39	.00	.57	18	6	1011	.0	2
1032.0	21:51	3.31	39	39	.00	.58	18	6	1023	.0	2
1034.0	21:53	3.35	38	39	.00	.56	18	6	1028	.0	2
1036.0	21:55	3.34	38	39	.00	.57	18	6	1016	.0	2
1038.0	21:57	3.39	38	39	.00	.58	18	6	1013	.0	2
1040.0	21:59	3.42	38	39	.00	.58	18	6	1005	.0	2
1042.0	22: 6	3.48	38	39	.00	.56	18	6	1005	.0	2
1044.0	22: 9	3.39	38	39	.00	.57	18	6	1003	.0	2
1046.0	22:11	3.36	38	39	.00	.58	18	6	998	.0	2
830											
1048.0	22:13	3.40	38	39	.00	.58	18	6	1003	.0	2
1050.0	22:22	3.42	38	39	.00	.57	18	6	1005	.0	2
1052.0	22:24	3.42	38	39	.00	.56	18	6	1014	.0	2
1054.0	22:26	3.45	38	38	.00	.57	18	6	1011	.0	2
1056.0	22:30	3.65	38	39	.00	.60	18	6	1009	.0	2
1058.0	22:32	3.47	38	39	.00	.59	18	6	1009	.0	2
1060.0	22:40	3.36	38	39	.00	.57	18	6	1003	.0	2
1062.0	22:43	3.40	38	39	.00	.57	18	6	1013	.0	2
1064.0	22:45	3.45	38	39	.00	.59	18	6	1009	.0	2
1066.0	22:48	3.43	38	39	.00	.61	18	6	1009	.0	2
850											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
850											
1068.0	22:50	3.48	38	39	.00	.59	18	6	1007	.0	2
1070.0	22:56	3.26	38	39	.00	.57	18	6	1010	.0	2
1072.0	22:58	3.44	38	39	.00	.57	18	6	1019	.0	2
1074.0	23: 0	3.45	38	39	.00	.57	18	6	1011	.0	2
1076.0	23: 3	3.52	38	39	.00	.57	18	6	1009	.0	2
1078.0	23: 6	3.51	38	39	.00	.57	18	6	1002	.0	2
1080.0	23:13	3.48	38	39	.00	.57	18	6	1006	.0	2
1082.0	23:16	3.46	39	39	.00	.57	18	6	1007	.0	2
1084.0	23:18	3.46	39	39	.00	.58	18	6	1005	.0	2
1086.0	23:21	3.56	39	39	.00	.57	18	6	1006	.0	2
870											
1088.0	23:24	3.50	39	40	.00	.56	18	6	1005	.0	2
1090.0	23:30	3.51	39	40	.00	.56	18	6	1005	.0	2
1092.0	23:33	3.52	39	39	.00	.57	18	6	1008	.0	2
1094.0	23:35	3.51	39	39	.00	.57	18	6	1006	.0	2
1096.0	23:37	3.50	39	40	.00	.57	18	6	1012	.0	2
1098.0	23:47	3.52	39	40	.00	.56	18	6	1017	.0	2
1100.0	23:49	3.56	39	39	.00	.57	18	6	1005	.0	2
1102.0	23:51	3.46	39	39	.00	.58	18	6	999	.0	2
1104.0	23:54	3.47	39	40	.00	.58	18	6	1000	.0	2
1106.0	23:55	3.45	39	40	.00	.57	18	6	1002	.0	2
890											
1108.0	0: 5	3.49	39	40	.00	.56	18	6	1000	.0	2
1110.0	0: 7	3.56	39	39	.00	.58	18	6	998	.0	2
1112.0	0:10	3.52	39	39	.00	.58	18	6	999	.0	2
1114.0	0:12	3.49	39	40	.00	.58	18	6	1000	.0	2
1116.0	0:14	3.45	39	40	.00	.58	18	6	1000	.0	2
1118.0	0:23	3.47	39	40	.00	.56	18	6	1000	.0	2
1120.0	0:25	3.54	39	39	.00	.57	18	6	999	.0	2
1122.0	0:27	3.48	39	39	.00	.57	18	6	1001	.0	2
1124.0	0:29	3.54	39	39	.00	.58	18	6	1001	.0	2
1126.0	0:32	3.49	39	40	.00	.56	18	6	999	.0	2
910											
1128.0	0:41	3.55	39	40	.00	.56	18	6	993	.0	2
1130.0	0:45	3.64	39	39	.00	.57	18	6	999	.0	2
1132.0	0:48	3.74	39	40	.00	.56	18	6	999	.0	2
1134.0	0:52	3.75	39	40	.00	.56	18	6	1005	.0	2
1138.0	1: 2	3.55	39	40	.00	.56	18	6	1013	.0	3
1140.0	1: 5	3.58	39	39	.00	.56	18	6	1006	.0	2
1142.0	1: 7	3.62	39	40	.00	.56	18	6	1003	.0	2
1144.0	1:10	3.64	39	40	.00	.56	18	6	956	.0	2
1146.0	1:18	3.68	39	40	.00	.56	18	6	940	.0	2
1148.0	1:21	3.67	39	40	.00	.56	18	6	938	.0	2
931											
1150.0	1:23	3.64	39	40	.00	.57	18	6	940	.0	2
1152.0	1:26	3.67	39	40	.00	.56	18	6	959	.0	2
1154.0	1:29	3.63	39	40	.00	.55	18	6	957	.0	2
1156.0	1:36	3.56	40	41	.00	.55	18	6	951	.0	2
1158.0	1:39	3.56	40	40	.00	.56	18	6	942	.0	2
1160.0	1:41	3.55	40	40	.00	.57	18	6	955	.0	2
1162.0	1:44	3.58	40	40	.00	.57	18	6	956	.0	2
1164.0	1:47	3.63	40	40	.00	.56	18	6	953	.0	2
1166.0	1:55	3.68	40	40	.00	.56	18	6	957	.0	2
1168.0	1:59	3.63	39	40	.00	.57	18	6	957	.0	2
951											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
951											
1170.0	2: 1	3.60	39	40	.00	.58	18	6	957	.0	2
1172.0	2: 4	3.60	39	40	.00	.56	18	6	957	.0	2
1174.0	2: 7	3.66	39	40	.00	.56	18	6	957	.0	2
1176.0	2:17	3.71	39	40	.00	.57	18	6	949	.0	2
1178.0	2:21	3.77	39	40	.00	.57	18	6	949	.0	2
1180.0	2:24	3.79	39	40	.00	.57	18	6	949	.0	2
1182.0	2:28	3.79	40	40	.00	.56	18	6	948	.0	2
1184.0	2:35	3.74	40	40	.00	.56	18	6	949	.0	2
1186.0	2:38	3.60	40	41	.00	.57	18	6	960	.0	2
1188.0	2:40	3.64	40	40	.00	.57	18	6	950	.0	2
971											
1190.0	2:43	3.65	40	40	.00	.57	18	6	951	.0	2
1192.0	2:46	3.70	40	40	.00	.56	18	6	948	.0	2
1194.0	2:53	3.69	40	40	.00	.56	18	6	951	.0	2
1196.0	2:57	3.77	40	40	.00	.56	18	6	963	.0	2
1198.0	3: 0	3.71	40	40	.00	.56	18	6	961	.0	2
1200.0	3: 3	3.78	39	40	.00	.56	18	6	953	.0	2
1202.0	3: 6	3.80	40	40	.00	.56	18	6	953	.0	2
1204.0	3:15	3.84	40	41	.00	.55	18	6	946	.0	2
1206.0	3:18	3.85	40	40	.00	.55	18	6	941	.0	2
1208.0	3:22	3.82	40	41	.00	.54	18	6	943	.0	2
991											
1210.0	3:25	3.84	40	41	.00	.54	18	6	939	.0	2
1212.0	3:28	3.84	40	41	.00	.54	18	6	938	.0	2
1214.0	3:37	3.83	40	41	.00	.52	18	6	940	.0	2
1216.0	3:41	3.83	40	41	.00	.52	18	6	947	.0	2
1218.0	3:46	3.84	40	41	.00	.52	18	6	953	.0	2
1220.0	3:50	3.84	40	41	.00	.53	18	6	954	.0	2
1222.0	3:59	3.85	40	41	.00	.53	18	6	945	.0	2
1224.0	4: 4	3.97	40	41	.00	.49	18	6	513	.0	2
1226.0	4: 9	3.92	40	40	.00	.49	18	6	588	.0	2
1228.0	4:14	3.85	40	40	.00	.50	18	6	942	.0	2
1011											
1230.0	4:18	3.86	40	40	.00	.50	18	6	937	.0	2
1232.0	4:26	3.78	40	41	.00	.51	18	6	942	.0	2
1234.0	4:30	3.85	40	41	.00	.51	18	6	941	.0	2
1236.0	4:34	3.78	40	41	.00	.51	18	6	941	.0	2
1238.0	4:39	3.93	40	41	.00	.51	18	6	944	.0	2
1240.0	4:43	3.87	41	41	.00	.51	18	6	947	.0	2
1242.0	4:52	3.82	41	41	.00	.50	18	6	955	.0	2
1244.0	4:57	3.90	40	41	.00	.49	18	6	958	.0	2
1246.0	5: 1	3.87	40	41	.00	.49	18	6	954	.0	2
1248.0	5: 6	3.86	40	41	.00	.49	18	6	954	.0	2
1031											
1250.0	5:11	3.91	41	41	.00	.49	18	6	954	.0	2
1252.0	5:23	3.95	41	41	.00	.45	18	6	636	.0	2
1254.0	5:28	3.92	41	41	.00	.50	18	6	885	.0	2
1256.0	5:34	4.00	41	41	.00	.51	18	6	952	.0	2
1258.0	5:40	3.96	41	41	.00	.50	18	6	952	.0	2
1260.0	5:54	4.02	41	41	.00	.50	18	6	952	.0	2
1262.0	5:57	3.98	40	41	.00	.49	18	6	960	.0	1
1264.0	6: 4	3.97	40	41	.00	.50	18	6	960	.0	2
1266.0	6:10	3.94	40	41	.00	.50	18	6	960	.0	2
1268.0	6:16	3.91	40	41	.00	.50	18	6	961	.0	2
1050											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1050											
1270.0	6:21	3.89	40	41	.00	.51	18	6	958	.0	2
1272.0	6:32	3.89	40	41	.00	.51	18	6	951	.0	2
1274.0	6:45	3.83	40	41	.00	.51	18	6	915	.0	2
1276.0	6:50	3.88	40	41	.00	.45	18	6	516	.0	2
1278.0	6:56	3.95	40	39	.00	.46	18	6	517	.0	2
1280.0	7: 7	3.88	39	39	.00	.45	18	6	507	.0	2
1282.0	7:18	4.06	39	39	.00	.47	18	6	653	.0	2
1284.0	7:22	3.86	39	39	.00	.49	18	6	948	.0	2
1286.0	7:28	4.02	39	40	.00	.48	18	6	780	.0	2
1288.0	7:38	4.04	38	40	.00	.47	18	6	552	.0	2
1070											
1290.0	7:48	3.85	38	39	.00	.47	18	6	510	.0	2
1292.0	7:54	4.02	38	38	.00	.47	18	6	514	.0	2
1294.0	7:59	3.94	38	38	.00	.47	18	6	517	.0	2
1296.0	8: 5	3.99	37	38	.00	.47	18	6	524	.0	2
1298.0	8:12	4.04	37	38	.00	.47	18	6	524	.0	2
1300.0	8:25	4.03	37	37	.00	.47	18	6	514	.0	2
1302.0	8:36	4.16	37	37	.00	.47	18	6	509	.0	2
1304.0	8:45	4.11	37	37	.00	.48	18	6	512	.0	2
1306.0	8:53	4.13	36	37	.00	.48	18	6	512	.0	2
1310.0	9:10	4.08	36	37	.00	.49	18	6	724	.0	3
1091											
1312.0	9:17	4.07	36	38	.00	.52	18	6	949	.0	2
1314.0	9:23	4.08	36	38	.00	.53	18	6	948	.0	2
1316.0	9:29	4.03	36	38	.00	.54	18	6	936	.0	2
1318.0	9:35	4.07	36	38	.00	.53	18	6	942	.0	2
1320.0	9:47	4.12	36	38	.00	.52	18	6	758	.0	2
1322.0	9:53	4.04	36	38	.00	.54	18	6	918	.0	2
1324.0	9:59	4.13	37	38	.00	.54	18	6	936	.0	2
1326.0	10: 5	4.06	37	38	.00	.54	18	6	942	.0	2
1328.0	10:17	4.06	37	39	.00	.53	18	6	946	.0	2
1330.0	10:22	4.03	37	39	.00	.51	18	6	948	.0	2
1111											
1332.0	10:28	4.05	38	39	.00	.51	18	6	943	.0	2
1334.0	10:32	3.99	38	39	.00	.52	18	6	943	.0	2
1336.0	10:38	4.05	38	39	.00	.52	18	6	943	.0	2
1338.0	10:47	3.98	38	39	.00	.51	18	6	952	.0	2
1340.0	10:53	4.10	38	39	.00	.48	18	6	937	.0	2
1342.0	10:59	4.10	38	39	.00	.48	18	6	945	.0	2
1344.0	11: 5	4.09	38	40	.00	.48	18	6	945	.0	2
1346.0	11:10	4.04	39	40	.00	.48	18	6	945	.0	2
1348.0	11:21	4.03	39	40	.00	.47	18	6	949	.0	2
1350.0	11:27	4.07	39	40	.00	.48	18	6	940	.0	2
1131											
1352.0	11:32	4.06	39	40	.00	.48	18	6	940	.0	2
1354.0	11:38	4.07	39	40	.00	.49	18	6	943	.0	2
1356.0	11:45	4.14	39	40	.00	.49	18	6	948	.0	2
1358.0	12: 1	4.16	39	40	.00	.49	18	6	912	.0	2
1360.0	12: 8	4.20	39	41	.00	.50	18	6	907	.0	2
1362.0	12:16	4.19	40	41	.00	.50	18	6	900	.0	2
1364.0	12:22	4.14	40	41	.00	.50	18	6	896	.0	2
1366.0	12:36	4.09	40	41	.00	.51	18	6	896	.0	2
1368.0	12:43	4.07	40	41	.00	.51	18	6	898	.0	2
1370.0	12:49	4.11	40	41	.00	.52	18	6	903	.0	2
1151											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1151											
1372.0	12:56	4.10	40	41	.00	.52	18	6	903	.0	2
1374.0	13: 3	4.10	40	41	.00	.53	18	6	903	.0	2
1375.0	13: 7	4.12	40	41	.00	.53	18	6	903	.0	1
				NEW BIT ID:	4						
1378.0	19:54	3.89	35	36	.00	.47	18	6	428	.0	2
1380.0	20: 4	4.07	35	36	.00	.47	18	6	559	.0	2
1382.0	20:12	4.04	35	37	.00	.48	18	6	558	.0	2
1384.0	20:19	3.96	36	37	.00	.50	18	6	557	.0	2
1386.0	21: 8	3.94	36	36	.00	.49	18	6	562	.0	2
1388.0	21:13	3.85	38	39	.00	.57	18	6	856	.0	2
1390.0	21:18	3.88	38	39	.00	.55	18	6	861	.0	2
1174											
1392.0	21:24	3.90	39	38	.00	.55	18	6	859	.0	2
1394.0	21:29	3.91	39	38	.00	.56	18	6	854	.0	2
1396.0	21:43	3.87	39	38	.00	.58	18	6	856	.0	2
1398.0	21:48	3.91	39	38	.00	.58	18	6	865	.0	2
1400.0	21:53	3.82	39	39	.00	.59	18	6	865	.0	2
1402.0	21:58	3.92	39	39	.00	.59	18	6	860	.0	2
1404.0	22: 4	4.02	39	39	.00	.60	18	6	857	.0	2
1406.0	22:19	3.94	39	39	.00	.59	18	6	857	.0	2
1408.0	22:24	3.93	39	40	.00	.59	18	6	857	.0	2
1410.0	22:29	3.94	39	40	.00	.59	18	6	857	.0	2
1194											
1412.0	22:35	3.92	40	40	.00	.60	18	6	857	.0	2
1414.0	22:40	3.93	40	40	.00	.59	18	6	857	.0	2
1416.0	22:51	3.85	40	40	.00	.60	18	6	847	.0	2
1418.0	22:56	3.80	40	41	.00	.60	18	6	843	.0	2
1420.0	23: 2	3.82	40	41	.00	.63	18	6	843	.0	2
1422.0	23: 7	3.81	40	40	.00	.63	18	6	841	.0	2
1424.0	23:19	3.81	40	40	.00	.61	18	6	793	.0	2
1426.0	23:25	3.97	40	40	.00	.56	18	6	534	.0	2
1428.0	23:31	3.93	40	40	.00	.66	18	6	875	.0	2
1430.0	23:37	3.94	40	40	.00	.64	18	6	873	.0	2
1214											
1432.0	23:42	3.94	40	41	.00	.64	18	6	862	.0	2
1434.0	0: 2	4.00	40	41	.00	.67	14	9	811	.0	2
1436.0	0: 6	3.94	40	40	.00	.66	14	9	809	.0	2
1438.0	0:12	3.99	40	40	.00	.66	14	9	810	.0	2
1440.0	0:16	3.97	41	40	.00	.66	14	9	813	.0	2
1442.0	0:22	4.00	41	41	.00	.65	14	9	815	.0	2
1444.0	0:31	3.90	41	41	.00	.62	14	9	811	.0	2
1446.0	0:36	3.91	41	40	.00	.64	14	9	809	.0	2
1448.0	0:41	3.92	41	40	.00	.65	14	9	808	.0	2
1450.0	0:46	3.93	40	40	.00	.65	14	9	808	.0	2
1234											
1452.0	0:51	3.96	40	41	.00	.64	14	9	811	.0	2
1454.0	1: 8	3.96	40	40	.00	.64	14	9	802	.0	2
1456.0	1:13	3.99	40	40	.00	.64	14	9	809	.0	2
1458.0	1:19	3.96	40	41	.00	.66	14	9	809	.0	2
1460.0	1:24	3.94	41	41	.00	.66	14	9	805	.0	2
1462.0	1:34	3.88	41	41	.00	.64	14	9	806	.0	2
1464.0	1:40	3.94	41	42	.00	.62	14	9	799	.0	2

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDDV RECDS	
1248											
1466.0	1:45	3.96	41	41	.00	.63	14	9	804	.0	2
1468.0	1:51	3.96	41	42	.00	.63	14	9	806	.0	2
1470.0	1:56	3.95	42	42	.00	.63	14	9	810	.0	2
1472.0	2: 6	3.94	42	42	.00	.60	14	9	809	.0	2
1474.0	2:10	3.87	42	42	.00	.57	14	9	808	.0	2
1476.0	2:16	3.95	42	42	.00	.56	14	9	808	.0	2
1478.0	2:21	3.99	41	42	.00	.57	14	9	811	.0	2
1480.0	2:27	3.97	41	42	.00	.56	14	9	811	.0	2
1482.0	2:41	3.98	41	42	.00	.58	14	9	815	.0	2
1484.0	2:46	3.94	41	42	.00	.58	14	9	812	.0	2
1268											
1486.0	2:51	3.91	41	43	.00	.57	14	9	806	.0	2
1488.0	2:55	3.85	41	43	.00	.59	14	9	804	.0	2
1490.0	3: 1	4.01	41	42	.00	.58	14	9	804	.0	2
1492.0	3:10	3.95	42	42	.00	.56	14	9	815	.0	2
1494.0	3:15	3.95	42	42	.00	.54	14	9	811	.0	2
1496.0	3:20	4.01	42	42	.00	.54	14	9	810	.0	2
1498.0	3:25	4.04	42	42	.00	.56	14	9	812	.0	2
1500.0	3:37	4.06	42	42	.00	.58	14	9	809	.0	2
1502.0	3:42	4.02	42	42	.00	.59	14	9	811	.0	2
1504.0	3:48	4.01	42	42	.00	.58	14	9	810	.0	2
1288											
1506.0	3:52	4.00	42	42	.00	.59	14	9	808	.0	2
1508.0	3:57	3.95	42	42	.00	.60	14	9	808	.0	2
1510.0	4: 6	3.93	42	42	.00	.63	14	9	802	.0	2
1512.0	4:11	3.93	42	42	.00	.66	14	9	808	.0	2
1514.0	4:15	3.93	42	42	.00	.67	14	9	813	.0	2
1516.0	4:19	3.90	42	42	.00	.65	14	9	807	.0	2
1518.0	4:24	3.99	42	42	.00	.64	14	9	807	.0	2
1520.0	4:34	3.99	42	42	.00	.65	14	9	810	.0	2
1522.0	4:38	4.00	42	42	.00	.67	14	9	810	.0	2
1524.0	4:43	3.92	42	42	.00	.67	14	9	810	.0	2
1308											
1526.0	4:47	3.92	42	42	.00	.67	14	9	808	.0	2
1528.0	4:51	3.96	42	42	.00	.65	14	9	805	.0	2
1530.0	5: 1	3.93	41	41	.00	.64	14	9	806	.0	2
1532.0	5: 4	3.82	41	42	.00	.66	14	9	806	.0	2
1534.0	5: 8	3.90	41	41	.00	.67	14	9	803	.0	2
1536.0	5:13	3.99	40	42	.00	.68	14	9	806	.0	2
1538.0	5:22	3.94	40	41	.00	.66	14	9	808	.0	2
1540.0	5:26	3.81	40	41	.00	.68	14	9	805	.0	2
1542.0	5:31	3.87	40	41	.00	.68	14	9	805	.0	2
1544.0	5:35	3.97	40	40	.00	.71	14	9	805	.0	2
1328											
1546.0	5:39	3.92	40	41	.00	.70	14	9	803	.0	2
1548.0	5:50	3.87	40	41	.00	.67	14	9	807	.0	2
1550.0	5:54	3.96	39	41	.00	.68	14	9	807	.0	2
1552.0	5:58	3.96	39	41	.00	.67	14	9	803	.0	2
1554.0	6: 2	3.95	39	41	.00	.66	14	9	805	.0	2
1556.0	6: 7	3.97	39	41	.00	.64	14	9	802	.0	2
1558.0	6:20	4.00	39	41	.00	.62	14	9	797	.0	2
1560.0	6:25	3.97	40	42	.00	.60	14	9	807	.0	2
1562.0	6:31	3.94	40	42	.00	.61	14	9	807	.0	2
1564.0	6:36	3.87	40	42	.00	.61	14	9	807	.0	2
1348											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
1348											
1566.0	6:41	3.97	40	42	.00	.60	14	9	807	.0	2
1568.0	6:50	3.80	40	42	.00	.59	14	9	806	.0	2
1570.0	6:54	3.90	40	42	.00	.59	14	9	810	.0	2
1572.0	6:59	3.98	40	42	.00	.59	14	9	810	.0	2
1574.0	7: 4	3.96	40	42	.00	.60	14	9	808	.0	2
1576.0	7: 9	4.05	40	42	.00	.60	14	9	808	.0	2
1578.0	7:20	3.96	40	42	.00	.57	14	9	805	.0	2
1580.0	7:25	3.99	40	42	.00	.55	14	9	807	.0	2
1582.0	7:30	4.00	41	42	.00	.54	14	9	807	.0	2
1584.0	7:35	4.03	41	42	.00	.56	14	9	808	.0	2
1368											
1586.0	7:45	3.97	41	42	.00	.57	14	9	804	.0	2
1588.0	7:49	3.93	41	42	.00	.60	14	9	798	.0	2
1590.0	7:53	3.88	41	42	.00	.60	14	9	820	.0	2
1592.0	7:58	3.96	41	42	.00	.61	14	9	809	.0	2
1594.0	8: 3	3.95	41	42	.00	.62	14	9	808	.0	2
1596.0	8:12	3.83	41	42	.00	.60	14	9	789	.0	2
1598.0	8:17	3.85	41	42	.00	.57	14	9	790	.0	2
1600.0	8:22	3.98	41	42	.00	.60	12	8	811	.0	2
1602.0	8:27	4.03	41	43	.00	.60	10	7	815	.0	2
1604.0	8:32	4.06	41	42	.00	.60	10	7	815	.0	2
1388											
1606.0	8:42	3.93	41	42	.00	.57	10	7	810	.0	2
1608.0	8:47	3.98	41	42	.00	.50	10	7	814	.0	2
1610.0	8:51	3.99	42	42	.00	.50	10	7	815	.0	2
1612.0	8:56	4.03	42	42	.00	.51	10	7	815	.0	2
1616.0	9:11	3.89	42	43	.00	.52	10	7	813	.0	3
1618.0	9:16	4.04	42	43	.00	.55	10	7	809	.0	2
1620.0	9:21	4.04	43	43	.00	.55	10	7	818	.0	2
1622.0	9:27	4.08	43	43	.00	.55	10	7	818	.0	2
1624.0	9:37	4.07	43	44	.00	.55	10	7	809	.0	2
1626.0	9:43	3.89	42	43	.00	.54	10	7	813	.0	2
1409											
1628.0	9:48	3.83	42	43	.00	.54	10	7	819	.0	2
1630.0	9:52	3.79	42	43	.00	.54	10	7	819	.0	2
1632.0	9:58	3.82	42	43	.00	.54	10	7	820	.0	2
1634.0	10: 9	3.89	42	43	.00	.52	10	7	810	.0	2
1636.0	10:14	3.82	42	43	.00	.56	10	7	821	.0	2
1638.0	10:18	3.86	42	43	.00	.57	10	7	823	.0	2
1640.0	10:23	3.83	42	43	.00	.58	10	7	823	.0	2
1642.0	10:27	3.92	42	43	.00	.58	10	7	822	.0	2
1644.0	10:39	3.99	42	44	.00	.57	10	7	819	.0	2
1646.0	10:43	3.93	43	43	.00	.58	10	7	822	.0	2
1429											
1648.0	10:47	3.96	43	43	.00	.59	10	7	822	.0	2
1650.0	10:51	3.91	43	43	.00	.59	10	7	823	.0	2
1652.0	11: 0	3.92	43	43	.00	.58	10	7	817	.0	2
1654.0	11: 4	3.96	42	43	.00	.55	10	7	821	.0	2
1656.0	11: 7	3.85	42	43	.00	.56	10	7	816	.0	2
1658.0	11:11	3.85	42	43	.00	.57	10	7	816	.0	2
1660.0	11:15	3.88	42	43	.00	.57	10	7	817	.0	2
1664.0	11:25	3.80	42	44	.00	.56	10	7	818	.0	3
1666.0	11:28	3.82	42	43	.00	.58	10	7	811	.0	2
1668.0	11:32	3.88	42	43	.00	.57	10	7	817	.0	2
1450											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1450											
1670.0	11:35	3.82	42	43	.00	.57	10	7	816	.0	2
1672.0	11:46	3.81	42	44	.00	.55	10	7	782	.0	2
1674.0	11:50	3.86	42	44	.00	.52	10	7	501	.0	2
1676.0	11:55	3.86	42	44	.00	.52	10	7	594	.0	2
1678.0	11:59	3.85	42	45	.00	.51	10	7	812	.0	2
1680.0	12: 2	3.84	43	45	.00	.52	10	7	819	.0	2
1682.0	12:12	3.81	43	45	.00	.52	10	7	816	.0	2
1684.0	12:15	3.86	43	46	.00	.52	10	7	808	.0	2
1686.0	12:19	3.87	44	46	.00	.52	10	7	808	.0	2
1688.0	12:24	3.93	44	46	.00	.53	10	7	804	.0	2
1470											
1690.0	12:28	3.90	44	45	.00	.55	10	7	804	.0	2
1692.0	12:42	3.79	44	45	.00	.53	10	7	793	.0	2
1694.0	12:46	3.79	45	44	.00	.52	10	7	787	.0	2
1696.0	12:50	3.69	45	45	.00	.54	10	7	786	.0	2
1698.0	12:53	3.72	45	45	.00	.51	10	7	787	.0	2
1700.0	12:57	3.79	45	45	.00	.51	10	7	788	.0	2
1702.0	13: 9	3.86	44	45	.00	.50	10	7	795	.0	2
1704.0	13:13	3.84	44	45	.00	.50	10	7	795	.0	2
1706.0	13:18	3.94	45	45	.00	.50	10	7	795	.0	2
1708.0	13:22	3.90	45	45	.00	.50	10	7	792	.0	2
1490											
1710.0	13:33	4.02	45	45	.00	.49	10	7	794	.0	2
1712.0	13:37	3.81	44	45	.00	.49	10	7	804	.0	2
1714.0	13:41	3.78	45	45	.00	.51	10	7	806	.0	2
1716.0	13:45	3.79	45	45	.00	.50	10	7	804	.0	2
1718.0	13:49	3.82	45	46	.00	.50	10	7	803	.0	2
1720.0	14: 0	3.80	45	46	.00	.50	10	7	800	.0	2
1722.0	14: 4	3.79	45	46	.00	.51	10	7	810	.0	2
1724.0	14: 7	3.82	45	46	.00	.50	10	7	810	.0	2
1726.0	14:11	3.77	46	46	.00	.50	10	7	809	.0	2
1728.0	14:14	3.85	46	46	.00	.50	10	7	813	.0	2
1510											
1730.0	14:24	3.83	46	46	.00	.46	10	7	789	.0	2
1732.0	14:27	3.74	46	46	.00	.46	10	7	779	.0	2
1734.0	14:31	3.82	46	46	.00	.47	10	7	779	.0	2
1736.0	14:35	3.83	46	46	.00	.48	10	7	779	.0	2
1738.0	14:43	3.79	46	46	.00	.48	10	7	782	.0	2
1740.0	14:46	3.77	46	46	.00	.45	10	7	786	.0	2
1742.0	14:49	3.70	46	46	.00	.45	10	7	785	.0	2
1744.0	14:53	3.80	46	46	.00	.46	10	7	783	.0	2
1746.0	14:56	3.79	45	46	.00	.47	10	7	785	.0	2
1748.0	15: 5	3.77	46	46	.00	.49	10	7	786	.0	2
1530											
1750.0	15: 9	3.84	46	46	.00	.47	10	7	822	.0	2
1752.0	15:13	3.79	46	46	.00	.47	14	8	831	.0	2
1754.0	15:17	3.84	46	47	.00	.48	14	8	831	.0	2
1756.0	15:20	3.76	46	47	.00	.50	14	8	831	.0	2
1758.0	15:30	3.77	46	46	.00	.49	14	8	833	.0	2
1760.0	15:34	3.81	46	46	.00	.48	14	8	793	.0	2
1762.0	15:38	3.82	46	47	.00	.47	14	8	620	.0	2
1764.0	15:41	3.78	46	47	.00	.52	14	8	590	.0	2
1766.0	15:45	3.77	46	46	.00	.58	14	8	592	.0	2
1768.0	15:56	3.75	46	46	.00	.57	14	8	606	.0	2
1550											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1550											
1770.0	16: 1	3.80	46	47	.00	.54	14	8	620	.0	2
1772.0	16: 4	3.77	46	47	.00	.57	14	8	815	.0	2
1774.0	16: 8	3.80	46	47	.00	.56	14	8	821	.0	2
1776.0	16:11	3.77	47	47	.00	.56	14	8	823	.0	2
1778.0	16:20	3.72	46	47	.00	.52	14	8	834	.0	2
1780.0	16:23	3.79	46	47	.00	.51	14	8	839	.0	2
1782.0	16:27	3.80	47	48	.00	.51	14	8	839	.0	2
1784.0	16:31	3.84	47	48	.00	.51	14	8	839	.0	2
1786.0	16:40	3.77	47	48	.00	.52	14	8	833	.0	2
1788.0	16:44	3.69	47	48	.00	.53	14	8	796	.0	2
1570											
1790.0	16:49	3.73	47	48	.00	.54	14	8	833	.0	2
1792.0	16:54	3.72	47	48	.00	.55	14	8	833	.0	2
1794.0	16:59	3.73	47	48	.00	.54	14	8	833	.0	2
1798.0	17:15	3.68	47	48	.00	.55	14	8	829	.0	3
1800.0	17:19	3.72	47	49	.00	.56	14	8	825	.0	2
1802.0	17:23	3.67	47	49	.00	.56	14	8	826	.0	2
1804.0	17:27	3.65	47	49	.00	.55	14	8	830	.0	2
1806.0	17:40	3.79	47	49	.00	.54	14	8	830	.0	2
1808.0	17:45	3.71	47	49	.00	.50	14	8	830	.0	2
1810.0	17:49	3.71	48	49	.00	.50	14	8	830	.0	2
1591											
1812.0	17:55	3.83	48	49	.00	.50	14	8	830	.0	2
1814.0	17:59	3.74	48	49	.00	.50	14	8	830	.0	2
1816.0	18:11	3.78	48	49	.00	.49	14	8	833	.0	2
1818.0	18:15	3.73	48	50	.00	.47	14	8	838	.0	2
1820.0	18:18	3.75	48	50	.00	.47	14	8	839	.0	2
1822.0	18:22	3.78	48	50	.00	.47	14	8	839	.0	2
1824.0	18:26	3.79	48	50	.00	.47	14	8	839	.0	2
1826.0	18:35	3.68	48	49	.00	.46	14	8	833	.0	2
1828.0	18:39	3.77	48	50	.00	.46	14	8	827	.0	2
1830.0	18:43	3.74	48	51	.00	.46	14	8	828	.0	2
1611											
1832.0	18:47	3.80	48	51	.00	.47	14	8	830	.0	2
1834.0	18:51	3.81	48	51	.00	.46	14	8	830	.0	2
1836.0	19: 1	3.90	48	50	.00	.46	14	8	830	.0	2
1838.0	19: 5	3.82	48	51	.00	.45	14	8	830	.0	2
1840.0	19:10	3.87	48	51	.00	.45	14	8	834	.0	2
1842.0	19:14	3.81	48	51	.00	.45	14	8	834	.0	2
1844.0	19:25	3.82	48	50	.00	.46	14	8	834	.0	2
1846.0	19:28	3.72	48	50	.00	.46	14	8	823	.0	2
1848.0	19:32	3.75	48	51	.00	.45	14	8	828	.0	2
1850.0	19:36	3.84	48	51	.00	.45	14	8	828	.0	2
1631											
1852.0	19:41	3.87	49	51	.00	.45	14	8	826	.0	2
1854.0	19:55	3.88	49	51	.00	.45	14	8	821	.0	2
1856.0	20: 0	3.76	49	49	.00	.45	14	8	821	.0	2
1858.0	20: 4	3.72	49	51	.00	.45	14	8	823	.0	2
1860.0	20: 7	3.76	48	51	.00	.45	14	8	825	.0	2
1862.0	20:12	3.90	48	51	.00	.45	14	8	825	.0	2
1864.0	20:22	3.86	48	51	.00	.44	14	8	825	.0	2
1866.0	20:26	3.85	48	51	.00	.44	14	8	825	.0	2
1868.0	20:29	3.77	48	50	.00	.44	14	8	829	.0	2
1870.0	20:33	3.75	48	50	.00	.44	14	8	833	.0	2
1651											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
1651											
1872.0	20:37	3.72	48	50	.00	.45	14	8	833	.0	2
1874.0	20:45	3.68	48	50	.00	.44	14	8	824	.0	2
1876.0	20:49	3.69	48	49	.00	.45	14	8	815	.0	2
1878.0	20:52	3.72	48	50	.00	.44	14	8	815	.0	2
1880.0	20:56	3.75	48	50	.00	.44	14	8	815	.0	2
1882.0	21: 0	3.80	48	50	.00	.44	14	8	815	.0	2
1884.0	21:11	3.82	48	50	.00	.45	14	8	815	.0	2
1886.0	21:14	3.73	48	50	.00	.45	14	8	817	.0	2
1888.0	21:18	3.80	48	50	.00	.46	14	8	817	.0	2
1890.0	21:23	3.83	48	50	.00	.46	14	8	819	.0	2
1671											
1892.0	21:33	3.85	48	50	.00	.45	14	8	821	.0	2
1894.0	21:37	3.86	48	49	.00	.43	14	8	815	.0	2
1896.0	21:42	3.92	48	50	.00	.43	14	8	815	.0	2
1898.0	21:47	3.90	48	50	.00	.43	14	8	817	.0	2
1900.0	21:52	3.92	48	50	.00	.43	14	8	817	.0	2
1902.0	22: 2	3.88	48	50	.00	.44	14	8	824	.0	2
1904.0	22: 6	3.81	48	50	.00	.44	14	8	806	.0	2
1906.0	22:10	3.91	48	51	.00	.44	14	8	798	.0	2
1908.0	22:14	3.79	48	51	.00	.44	14	8	798	.0	2
1910.0	22:18	3.91	49	51	.00	.43	14	8	798	.0	2
1691											
1912.0	22:29	3.86	49	50	.00	.43	14	8	795	.0	1
1914.0	22:32	3.86	49	51	.00	.43	14	8	789	.0	2
1916.0	22:36	3.91	49	51	.00	.43	14	8	790	.0	2
1918.0	22:41	3.99	50	51	.00	.43	14	8	792	.0	2
1920.0	22:45	3.94	50	51	.00	.43	14	8	792	.0	2
1922.0	22:54	3.92	50	51	.00	.43	14	8	804	.0	2
1924.0	22:59	3.88	50	50	.00	.44	14	8	818	.0	2
1926.0	23: 5	4.01	50	51	.00	.44	14	8	816	.0	2
1928.0	23:10	3.95	50	51	.00	.44	14	8	813	.0	2
1930.0	23:14	3.90	50	51	.00	.44	14	8	813	.0	2

NEW BIT ID: 5

1714											
1932.0	7: 8	4.24	41	44	.00	.45	13	7	562	.0	2
1934.0	7:16	4.30	41	43	.00	.49	13	7	628	.0	2
1936.0	7:24	4.23	41	43	.00	.46	13	7	631	.0	2
1938.0	7:31	4.18	41	44	.00	.50	13	7	630	.0	2
1940.0	7:50	4.06	41	46	.00	.51	13	7	621	.0	2
1942.0	7:50	3.95	42	45	.00	.54	13	7	619	.0	1
1944.0	7:56	4.04	42	45	.00	.52	13	7	619	.0	2
1946.0	8: 2	4.11	42	45	.00	.48	13	7	615	.0	2
1948.0	8: 9	4.15	42	44	.00	.48	13	7	614	.0	2
1950.0	8:21	4.08	42	44	.00	.48	13	7	610	.0	2
1733											
1952.0	8:27	4.11	43	45	.00	.46	13	7	624	.0	2
1954.0	8:33	4.09	43	45	.00	.46	13	7	625	.0	2
1956.0	8:39	4.07	43	45	.00	.47	13	7	625	.0	2
1958.0	8:45	4.07	43	45	.00	.46	13	7	624	.0	2
1960.0	8:57	4.07	43	45	.00	.47	13	7	706	.0	2
1962.0	9: 3	4.06	43	46	.00	.49	13	7	816	.0	2
1964.0	9: 9	4.04	44	46	.00	.49	13	7	815	.0	2
1966.0	9:14	4.00	44	46	.00	.49	13	7	819	.0	2
1968.0	9:20	4.01	44	46	.00	.58	13	7	819	.0	2
1970.0	9:31	4.05	45	47	.00	.55	13	7	819	.0	1
1752											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1752											
1972.0	9:37	4.07	45	47	.00	.52	13	7	819	.0	2
1974.0	9:41	4.04	46	47	.00	.54	13	7	819	.0	2
1976.0	9:45	3.98	46	47	.00	.54	13	7	819	.0	2
1978.0	9:54	3.98	46	47	.00	.55	13	7	819	.0	2
1980.0	9:56	4.00	46	47	.00	.48	13	7	823	.0	2
1982.0	10: 0	3.98	46	47	.00	.48	13	7	817	.0	2
1984.0	10: 4	4.01	46	47	.00	.49	13	7	815	.0	2
1986.0	10: 8	4.09	46	47	.00	.51	13	7	815	.0	2
1988.0	10:12	4.01	47	47	.00	.51	13	7	814	.0	2
1990.0	10:23	4.03	47	48	.00	.49	13	7	807	.0	2
1772											
1992.0	10:28	4.10	47	48	.00	.51	13	7	806	.0	2
1994.0	10:32	4.10	47	48	.00	.56	13	7	817	.0	2
1996.0	10:36	4.00	47	48	.00	.64	13	7	822	.0	2
1998.0	10:45	4.02	47	48	.00	.62	13	7	813	.0	2
2000.0	10:49	3.99	47	48	.00	.65	13	7	811	.0	2
2002.0	10:54	4.02	47	48	.00	.72	13	7	811	.0	2
2004.0	10:58	3.99	47	48	.00	.80	13	7	808	.0	2
2008.0	11:15	3.92	47	48	.00	.75	13	7	810	.0	2
2010.0	11:17	3.98	47	48	.00	.60	13	7	817	.0	1
2012.0	11:19	3.98	47	48	.00	.60	13	7	821	.0	1
1790											
2014.0	11:22	3.98	47	48	.00	.59	13	7	821	.0	1
2016.0	11:26	3.94	47	48	.00	.58	13	7	815	.0	2
2018.0	11:35	3.95	47	49	.00	.54	13	7	811	.0	2
2020.0	11:39	3.93	47	48	.00	.54	13	7	810	.0	2
2022.0	11:43	3.99	47	49	.00	.60	13	7	809	.0	2
2024.0	11:47	3.98	47	49	.00	.68	13	10	791	.0	2
2026.0	11:57	4.01	48	49	.00	.71	13	12	774	.0	2
2028.0	12: 1	4.02	48	49	.00	.63	13	12	777	.0	2
2030.0	12: 6	4.01	48	49	.00	.69	13	12	775	.0	2
2032.0	12:11	4.07	48	49	.00	.72	13	12	772	.0	2
1809											
2034.0	12:15	4.04	48	49	.00	.67	13	12	772	.0	2
2036.0	12:26	4.03	48	49	.00	.69	13	12	771	.0	2
2038.0	12:31	4.04	48	49	.00	.65	13	12	778	.0	2
2040.0	12:36	4.04	48	50	.00	.71	13	12	778	.0	2
2042.0	12:40	4.05	49	50	.00	.76	13	12	776	.0	2
2044.0	12:45	4.03	49	50	.00	.74	13	12	774	.0	2
2046.0	13: 0	4.00	49	50	.00	.63	13	12	785	.0	2
2048.0	13: 3	3.93	49	50	.00	.62	13	12	791	.0	2
2050.0	13: 7	3.93	49	50	.00	.62	13	12	791	.0	2
2052.0	13:10	3.88	49	50	.00	.64	13	12	789	.0	2
1829											
2054.0	13:21	3.99	50	50	.00	.65	13	12	788	.0	2
2056.0	13:25	3.95	50	51	.00	.61	13	12	788	.0	2
2058.0	13:28	3.93	50	51	.00	.63	13	12	790	.0	2
2060.0	13:32	3.90	50	51	.00	.62	13	12	792	.0	2
2062.0	13:35	3.80	50	51	.00	.59	13	12	794	.0	2
2064.0	13:45	3.85	50	50	.00	.75	13	12	793	.0	2
2066.0	13:48	3.69	50	51	.00	.82	13	12	795	.0	2
2068.0	13:51	3.76	50	51	.00	.89	13	12	792	.0	2
2070.0	13:54	3.81	50	51	.00	.91	13	12	792	.0	2
2072.0	13:58	3.82	51	51	.00	.88	13	12	790	.0	2
1849											

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV RECDS	
1849											
2074.0	14:11	3.81	51	52	.00	.75	13	12	792	.0	2
2076.0	14:13	3.67	51	52	.00	.78	13	12	797	.0	2
2078.0	14:16	3.74	51	52	.00	.88	13	12	794	.0	2
2080.0	14:19	3.80	51	52	.00	.85	13	12	790	.0	2
2082.0	14:22	3.76	51	52	.00	.82	13	12	786	.0	2
2084.0	14:32	3.81	51	52	.00	.80	13	12	786	.0	2
2086.0	14:36	3.85	51	52	.00	.77	13	12	783	.0	2
2088.0	14:39	3.72	51	52	.00	.89	13	12	785	.0	2
2090.0	14:42	3.70	51	52	.00	.90	13	12	774	.0	2
2092.0	14:52	3.91	51	52	.00	.90	13	12	780	.0	2
1869											
2094.0	14:55	3.72	51	53	.00	.87	13	12	778	.0	2
2096.0	14:59	3.79	52	52	.00	1.00	13	12	782	.0	2
2098.0	15: 2	3.79	52	52	.00	1.00	13	12	774	.0	2
2100.0	15: 6	3.77	52	52	.00	1.02	13	12	773	.0	2
2102.0	15: 7	3.72	52	52	.00	1.02	13	12	772	.0	1
2104.0	15:14	3.75	52	52	.00	1.02	13	12	776	.0	1
2106.0	15:16	3.76	52	52	.00	1.00	13	12	776	.0	1
2108.0	15:17	3.77	52	52	.00	1.01	13	12	769	.0	1
2110.0	15:19	3.79	52	52	.00	1.03	13	12	720	.0	1
2112.0	15:21	3.82	52	52	.00	1.03	13	12	740	.0	1
1883											
2114.0	15:23	3.84	52	52	.00	1.05	13	12	738	.0	1
2116.0	16:13	3.81	53	52	.00	1.03	13	12	768	.0	1
2118.0	16:15	3.95	53	52	.00	1.03	13	12	753	.0	1
2120.0	16:17	3.81	53	52	.00	1.02	13	12	769	.0	1
2122.0	16:19	3.77	53	52	.00	1.03	13	12	777	.0	1
2124.0	16:21	3.84	53	53	.00	1.05	13	12	785	.0	1
2126.0	16:28	3.83	53	53	.00	1.08	13	12	785	.0	1
2128.0	16:30	3.82	53	53	.00	1.06	13	12	787	.0	1
2130.0	16:32	3.79	53	53	.00	1.05	13	12	787	.0	1
2132.0	16:35	3.95	53	53	.00	1.06	13	12	787	.0	1
1893											
2134.0	16:37	3.97	53	53	.00	1.05	13	12	785	.0	1
2136.0	16:40	3.97	53	53	.00	1.08	13	12	785	.0	1
2138.0	16:45	3.88	53	53	.00	1.10	13	12	779	.0	2
2140.0	16:57	3.88	53	53	.00	1.12	13	12	770	.0	2
2142.0	17: 3	3.91	53	54	.00	1.09	13	12	743	.0	2
2144.0	17: 7	3.81	53	53	.00	1.08	13	12	746	.0	2
2146.0	17:12	3.88	53	53	.00	1.03	13	12	748	.0	2
2148.0	17:16	3.82	53	53	.00	1.02	13	12	750	.0	2
2150.0	17:28	3.90	53	53	.00	1.02	13	12	751	.0	2
2152.0	17:33	3.85	53	53	.00	.94	13	12	751	.0	2
1911											
2154.0	17:39	3.78	53	53	.00	.97	13	12	751	.0	2
2156.0	17:45	3.81	53	53	.00	1.04	13	12	749	.0	2
2158.0	17:50	3.78	53	53	.00	1.04	13	12	749	.0	2
2160.0	18: 4	4.00	53	53	.00	.96	13	12	755	.0	2
2162.0	18: 9	3.75	53	53	.00	.88	13	12	754	.0	2
2164.0	18:14	3.87	53	53	.00	.88	13	12	755	.0	2
2166.0	18:19	3.81	53	53	.00	.95	13	12	755	.0	2
2168.0	18:24	3.93	53	53	.00	1.02	13	12	755	.0	2
2170.0	18:32	3.59	54	53	.00	1.02	13	12	763	.0	2
2172.0	18:36	3.80	54	53	.00	.93	13	12	772	.0	2
1931											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
1931											
2174.0	18:40	3.66	54	53	.00	.88	13	12	772	.0	2
2176.0	18:44	3.74	54	53	.00	.87	13	12	766	.0	2
2178.0	18:47	3.78	54	53	.00	.85	13	12	763	.0	2
2180.0	18:57	3.76	53	53	.00	.98	13	12	768	.0	2
2182.0	19: 1	3.73	53	53	.00	1.03	13	12	774	.0	2
2184.0	19: 6	3.80	53	54	.00	1.03	13	12	774	.0	2
2186.0	19:10	3.76	53	55	.00	1.04	13	12	774	.0	2
2188.0	19:20	3.94	53	55	.00	1.05	13	12	774	.0	2
2190.0	19:25	3.81	53	55	.00	1.05	13	12	769	.0	2
2192.0	19:29	3.77	53	55	.00	1.06	13	12	768	.0	2
1951											
2194.0	19:34	3.91	53	55	.00	1.06	13	12	767	.0	2
2196.0	19:39	3.88	53	55	.00	1.06	13	12	766	.0	2
2198.0	20: 4	3.91	53	55	.00	1.07	13	12	765	.0	2
2200.0	20: 9	3.88	52	55	.00	1.08	13	12	765	.0	2
2202.0	20:12	3.94	52	55	.00	1.06	13	12	765	.0	1
2204.0	20:15	3.98	52	53	.00	1.05	13	12	765	.0	1
2206.0	20:24	3.92	52	55	.00	1.06	13	12	765	.0	1
2208.0	20:26	3.96	52	54	.00	1.07	13	12	756	.0	1
2210.0	20:29	3.90	52	54	.00	1.08	13	12	758	.0	1
2212.0	20:34	3.91	52	54	.00	1.08	13	12	758	.0	2
1966											
2214.0	20:39	3.82	52	55	.00	1.08	13	12	755	.0	2
2216.0	20:44	3.83	52	55	.00	1.08	13	12	755	.0	2
2218.0	20:55	3.81	52	54	.00	1.09	13	12	762	.0	2
2220.0	20:58	3.83	52	55	.00	1.09	13	12	762	.0	1
2222.0	21: 3	3.82	52	55	.00	1.08	13	12	759	.0	2
2224.0	21: 8	3.87	52	55	.00	1.08	13	12	759	.0	2
2226.0	21:13	3.80	52	55	.00	1.08	13	12	758	.0	2
2228.0	21:25	3.90	52	54	.00	1.11	13	12	762	.0	2
2230.0	21:30	3.81	52	55	.00	1.08	13	12	762	.0	2
2232.0	21:35	3.83	53	55	.00	1.08	13	12	765	.0	2
1985											
2234.0	21:38	3.93	53	55	.00	1.08	13	12	763	.0	1
2236.0	21:49	3.84	53	54	.00	1.08	13	12	762	.0	2
2238.0	21:53	3.75	52	55	.00	1.09	13	12	765	.0	2
2240.0	21:58	3.81	52	54	.00	1.09	13	12	764	.0	2
2242.0	22: 2	3.83	52	54	.00	1.09	13	12	764	.0	2
2244.0	22: 7	3.88	52	54	.00	1.08	13	12	735	.0	2
2246.0	22:16	3.79	52	54	.00	1.09	13	12	761	.0	2
2248.0	22:20	3.81	52	55	.00	1.09	13	12	758	.0	2
2250.0	22:24	3.84	52	55	.00	1.08	13	12	754	.0	2
2252.0	22:29	3.91	52	55	.00	1.08	13	12	751	.0	2
2004											
2254.0	22:33	3.93	53	55	.00	1.08	13	12	751	.0	2
2256.0	22:43	3.88	53	55	.00	1.08	13	12	748	.0	2
2258.0	22:47	3.63	53	55	.00	1.08	13	12	752	.0	2
2260.0	22:52	3.90	53	55	.00	1.08	13	12	756	.0	2
2262.0	22:57	3.87	53	55	.00	1.07	13	12	760	.0	2
2264.0	23:18	4.43	53	55	.00	1.06	13	12	746	.0	2
2266.0	23:27	4.14	53	55	.00	1.08	13	12	755	.0	2
2268.0	23:33	3.92	53	55	.00	1.07	13	12	750	.0	2
2270.0	23:39	4.02	53	55	.00	1.08	14	8	775	.0	2
2272.0	23:44	3.91	53	55	.00	1.08	14	11	758	.0	2
2024											

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV RECDS	
2024											
2276.0	23:56	3.89	53	52	.00	1.08	14	11	758	.0	2
2278.0	0: 2	3.99	53	54	.00	1.10	14	11	759	.0	2
2280.0	0: 8	4.02	53	54	.00	1.10	14	11	763	.0	2
2282.0	0:14	4.03	53	51	.00	1.10	14	11	764	.0	2
2284.0	1:38	4.06	52	52	.00	1.09	14	11	764	.0	2
2286.0	1:43	3.96	47	50	.00	1.09	14	11	743	.0	2
2288.0	1:49	3.96	47	49	.00	1.13	14	11	747	.0	2
2290.0	1:55	3.90	46	51	.00	1.14	14	11	747	.0	2
2292.0	1:59	3.86	46	51	.00	1.16	14	11	747	.0	2
2294.0	2:12	3.90	46	51	.00	1.18	14	11	749	.0	2
2044											
2296.0	2:17	3.88	47	48	.00	1.20	14	11	747	.0	2
2298.0	2:22	3.96	48	49	.00	1.20	14	11	748	.0	2
2300.0	2:28	3.98	48	50	.00	1.19	14	11	746	.0	2
2302.0	2:33	3.97	48	51	.00	1.19	14	11	748	.0	2
2304.0	2:53	3.79	48	50	.00	1.19	14	11	746	.0	2
2306.0	3:35	3.96	47	51	.00	1.17	14	11	707	.0	2
2308.0	3:40	3.89	47	51	.00	1.19	14	11	762	.0	2
2310.0	3:46	3.96	48	51	.00	1.18	14	11	762	.0	2
2312.0	3:52	3.94	48	51	.00	1.20	14	11	761	.0	2
2314.0	4: 6	3.95	49	51	.00	1.21	14	11	751	.0	2
2064											
2316.0	4:13	3.93	49	51	.00	1.21	14	11	757	.0	2
2318.0	4:20	3.95	50	51	.00	1.21	14	11	759	.0	2
2320.0	4:27	3.99	50	50	.00	1.22	14	11	765	.0	2
2322.0	4:40	4.04	50	50	.00	1.22	14	11	765	.0	2
2324.0	4:47	3.96	50	50	.00	1.27	14	11	757	.0	2
2326.0	4:55	3.99	50	51	.00	1.26	14	11	755	.0	2
2328.0	5: 6	3.95	50	51	.00	1.26	14	11	756	.0	2
2330.0	5:15	3.65	50	52	.00	1.22	14	11	774	.0	2
2332.0	5:31	3.82	50	52	.00	1.20	14	11	769	.0	2
2334.0	5:41	3.93	50	52	.00	1.20	14	11	765	.0	2
2084											
2336.0	5:50	3.94	51	43	.00	1.20	14	11	765	.0	2
2338.0	5:59	3.97	51	30	.00	1.20	14	11	769	.0	2
2340.0	6: 9	4.00	51	48	.00	.89	14	11	769	.0	2
2342.0	6:24	3.90	51	52	.00	.64	14	11	766	.0	2
2344.0	6:33	3.90	50	52	.00	.65	14	11	763	.0	2
2346.0	6:42	3.93	50	52	.00	.65	14	11	763	.0	2
2348.0	6:53	4.02	51	52	.00	.66	14	11	764	.0	2
2350.0	7: 3	4.03	51	53	.00	.67	14	11	766	.0	2
2352.0	7:19	3.97	50	52	.00	.67	14	11	771	.0	2
2354.0	7:30	3.97	50	52	.00	.66	14	11	772	.0	2
2104											
2356.0	7:39	3.95	50	52	.00	.65	14	11	773	.0	2
2358.0	7:46	3.93	50	52	.00	.67	14	11	770	.0	2
2360.0	9:11	3.79	50	52	.00	.66	14	11	761	.0	2
2362.0	9:14	3.66	52	53	.00	.60	14	11	634	.0	2
2364.0	9:22	3.93	52	53	.00	.57	14	11	636	.0	2
2366.0	9:29	3.91	51	53	.00	.60	14	11	638	.0	2
2368.0	9:36	3.92	51	52	.00	.60	14	11	638	.0	2
2370.0	9:49	3.75	51	52	.00	.63	14	11	730	.0	1
2372.0	9:56	3.82	50	52	.00	.66	14	11	764	.0	2
2374.0	10: 2	3.80	50	52	.00	.65	14	11	764	.0	2
2123											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
1710											
NEW BIT ID: 5											
2376.0	10:10	3.83	50	52	.00	.66	14	11	764	.0	2
2378.0	10:18	3.72	50	52	.00	.64	14	11	760	.0	2
2380.0	10:36	3.94	50	53	.00	.61	14	11	759	.0	2
2382.0	10:46	3.96	51	53	.00	.61	14	11	756	.0	2
2384.0	10:55	3.93	51	52	.00	.60	14	11	761	.0	2
2386.0	11: 2	3.85	49	52	.00	.60	14	11	761	.0	2
2390.0	11:23	3.95	49	52	.00	.60	14	11	762	.0	3
2392.0	11:33	3.98	50	53	.00	.61	14	11	762	.0	2
2394.0	11:44	4.00	51	53	.00	.69	14	11	759	.0	2
2396.0	13: 4	3.41	52	53	.00	.89	14	11	758	.0	2
2144											
2398.0	13: 6	3.29	55	56	.00	.96	14	11	782	.0	2
2400.0	13:14	3.27	55	55	.00	.99	14	11	771	.0	2
2402.0	13:33	3.16	55	56	.00	.90	14	11	752	.0	2
2404.0	13:34	3.10	55	56	.00	.88	14	11	752	.0	2
2406.0	13:36	3.08	55	56	.00	.91	14	11	754	.0	2
2408.0	13:37	3.01	55	56	.00	.93	14	11	754	.0	2
2410.0	14:38	3.10	56	56	.00	.91	14	11	763	.0	2
2412.0	14:39	3.13	56	55	.00	.94	14	11	769	.0	2
2414.0	14:41	3.09	56	55	.00	1.15	14	11	774	.0	2
2416.0	14:42	3.12	56	56	.00	1.24	14	11	780	.0	2
2164											
2418.0	14:50	3.20	56	56	.00	1.32	14	11	780	.0	2
2420.0	14:52	3.12	56	56	.00	1.30	14	11	750	.0	2
2422.0	14:55	3.44	56	56	.00	1.35	14	11	755	.0	2
2424.0	14:58	3.43	56	56	.00	1.33	14	11	755	.0	2
2426.0	14:59	3.18	56	56	.00	1.31	14	11	753	.0	2
2428.0	15: 6	3.30	56	56	.00	1.20	14	11	756	.0	2
2430.0	15: 9	3.32	55	54	.00	.95	14	11	775	.0	2
2432.0	15:10	3.19	55	54	.00	1.03	14	11	779	.0	2
2434.0	15:12	3.19	55	56	.00	1.07	14	11	780	.0	2
2436.0	15:13	3.06	55	56	.00	1.08	14	11	781	.0	2
2184											
2438.0	15:19	3.01	55	55	.00	1.10	14	11	774	.0	2
2440.0	15:20	2.75	55	56	.00	1.11	14	11	773	.0	2
2442.0	15:21	2.69	55	56	.00	1.11	14	11	773	.0	2
2444.0	15:23	2.82	55	55	.00	1.12	14	11	775	.0	2
NEW BIT ID: 6											
2446.0	3:20	3.00	44	46	.00	.69	16	12	677	.0	2
2448.0	3:22	3.42	44	47	.00	.68	16	12	695	.0	2
2450.0	3:25	3.41	44	47	.00	.69	16	12	695	.0	2
2452.0	3:27	3.41	44	47	.00	.70	16	12	693	.0	2
2454.0	3:28	3.42	44	47	.00	.77	16	12	693	.0	1
2456.0	3:39	3.46	45	46	.00	.83	16	12	693	.0	2
2207											
2458.0	3:43	3.65	45	46	.00	.75	16	12	685	.0	2
2460.0	3:45	3.42	45	46	.00	.69	16	12	689	.0	2
2462.0	3:48	3.54	45	46	.00	.65	16	12	689	.0	2
2464.0	3:51	3.53	45	45	.00	.62	16	12	688	.0	2
2466.0	4: 1	3.50	46	46	.00	.59	16	12	690	.0	2
2468.0	4: 5	3.46	46	47	.00	.80	16	12	686	.0	2
2470.0	4:11	3.72	47	48	.00	.94	16	12	713	.0	2

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
2221											
2472.0	4:16	3.72	47	49	.00	.94	16	12	710	.0	2
2474.0	4:21	3.80	47	49	.00	.95	16	12	714	.0	2
2476.0	4:31	3.47	47	49	.00	.95	16	12	720	.0	2
2478.0	4:34	3.51	47	49	.00	.95	16	12	712	.0	2
2480.0	4:37	3.50	47	49	.00	.95	16	12	709	.0	2
2482.0	4:40	3.55	47	49	.00	.95	16	12	708	.0	2
2484.0	4:43	3.50	47	49	.00	.95	16	12	707	.0	2
2486.0	4:53	3.49	47	48	.00	.95	16	12	718	.0	2
2488.0	4:56	3.44	47	48	.00	.95	16	12	725	.0	2
2490.0	4:59	3.52	47	49	.00	.96	16	12	714	.0	2
2241											
2492.0	5: 2	3.57	47	49	.00	.96	16	12	700	.0	2
2494.0	5: 5	3.68	48	50	.00	.96	16	12	699	.0	2
2496.0	5:28	3.70	48	49	.00	.96	16	12	561	.0	2
2498.0	5:32	3.76	48	49	.00	.97	16	12	558	.0	2
2500.0	5:35	3.51	48	49	.00	.96	16	12	558	.0	2
2502.0	5:38	3.67	48	49	.00	.96	16	12	559	.0	2
2504.0	5:51	3.70	48	49	.00	.96	16	12	568	.0	2
2506.0	5:56	3.61	48	48	.00	.96	16	12	660	.0	2
2508.0	6: 1	3.70	48	48	.00	.97	16	12	663	.0	2
2510.0	6: 3	3.32	48	48	.00	.97	16	12	667	.0	2
2261											
2512.0	6: 7	3.62	48	48	.00	.98	16	12	667	.0	2
2514.0	6:19	3.57	48	49	.00	.99	16	12	675	.0	2
2516.0	6:22	3.37	48	49	.00	1.00	16	12	674	.0	2
2518.0	6:26	3.69	48	49	.00	1.00	16	12	670	.0	2
2520.0	6:30	3.55	48	49	.00	1.00	16	12	678	.0	2
2522.0	6:34	3.59	48	49	.00	.98	16	12	676	.0	2
2524.0	6:44	3.50	48	49	.00	.97	16	12	676	.0	2
2526.0	6:48	3.58	48	48	.00	.96	16	12	677	.0	2
2528.0	6:52	3.59	48	49	.00	.94	16	12	677	.0	2
2530.0	6:55	3.50	48	49	.00	.91	16	12	677	.0	2
2281											
2532.0	8: 5	3.59	48	48	.00	.76	16	12	677	.0	2
2534.0	8: 6	3.67	48	48	.00	.55	16	12	684	.0	2
2536.0	8: 6	3.55	48	48	.00	.55	16	12	685	.0	2
2540.0	8: 6	3.64	48	48	.00	.55	16	12	686	.0	3
2542.0	8: 7	3.68	48	48	.00	.54	16	12	692	.0	2
2548.0	8: 7	3.65	48	48	.00	.55	16	12	686	.0	3
2550.0	8: 7	3.58	48	48	.00	.55	16	12	686	.0	2
2552.0	8: 8	3.64	48	48	.00	.56	16	12	682	.0	2
2554.0	8:11	3.60	48	48	.00	.57	16	12	680	.0	1
2556.0	8:16	3.73	48	48	.00	.58	16	12	679	.0	2
2302											
2558.0	8:20	3.64	48	48	.00	.58	16	12	678	.0	2
2560.0	8:22	3.44	48	48	.00	.57	16	12	678	.0	2
2562.0	8:34	3.56	48	48	.00	.58	16	12	676	.0	2
2564.0	8:37	3.57	48	48	.00	.56	16	12	675	.0	2
2566.0	8:40	3.46	48	48	.00	.54	16	12	676	.0	2
2568.0	8:43	3.46	48	48	.00	.55	16	12	676	.0	2
2570.0	8:54	3.64	48	48	.00	.55	16	12	678	.0	2
2572.0	8:58	3.48	48	48	.00	.53	16	12	663	.0	2
2574.0	9: 1	3.65	48	47	.00	.56	16	12	670	.0	2
2576.0	9: 4	3.56	48	48	.00	.57	16	12	670	.0	2
2322											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
2322											
2578.0	9: 7	3.51	48	48	.00	.57	16	12	667	.0	2
2580.0	9:16	3.66	48	48	.00	.57	16	12	674	.0	2
2582.0	9:19	3.55	48	48	.00	.57	16	12	688	.0	2
2584.0	9:22	3.61	48	48	.00	.57	16	12	670	.0	2
2586.0	9:26	3.72	48	48	.00	.55	16	12	664	.0	2
2588.0	9:29	3.68	48	48	.00	.57	16	12	668	.0	2
2590.0	9:37	3.62	48	48	.00	.57	16	12	675	.0	2
2592.0	9:40	3.65	48	48	.00	.56	16	12	671	.0	2
2594.0	9:43	3.65	48	48	.00	.58	16	12	663	.0	2
2596.0	9:46	3.75	48	48	.00	.58	16	12	673	.0	2
2342											
2598.0	9:51	3.96	48	48	.00	.58	16	12	673	.0	2
2600.0	9:59	3.68	48	48	.00	.56	16	12	676	.0	2
2602.0	10: 6	3.92	48	48	.00	.54	16	12	674	.0	2
2604.0	10:12	3.96	48	48	.00	.56	16	12	670	.0	2
2606.0	10:17	3.92	48	48	.00	.51	16	12	670	.0	2
2608.0	10:22	3.90	48	48	.00	.53	16	12	670	.0	2
2610.0	10:32	3.89	48	48	.00	.53	16	12	670	.0	2
2612.0	10:36	3.82	48	48	.00	.54	16	12	665	.0	2
2614.0	10:47	4.23	48	48	.00	.56	16	12	667	.0	2
2616.0	10:53	3.95	48	48	.00	.53	16	12	669	.0	2
2362											
2620.0	11: 7	3.83	48	48	.00	.53	16	12	672	.0	3
2622.0	11:11	3.78	48	48	.00	.53	16	12	674	.0	2
2624.0	11:15	3.73	48	48	.00	.53	16	12	675	.0	2
2626.0	11:21	4.00	48	48	.00	.53	16	12	676	.0	2
2628.0	11:36	4.11	48	50	.00	.61	16	12	672	.0	2
2630.0	11:41	3.90	48	50	.00	.95	16	12	670	.0	2
2632.0	11:47	3.89	48	50	.00	1.08	16	12	673	.0	2
2634.0	11:52	3.90	48	49	.00	1.19	16	12	673	.0	2
2636.0	11:56	3.65	48	49	.00	1.26	16	12	674	.0	2
2638.0	12: 7	3.92	34	49	.00	1.29	16	12	673	.0	2
2383											
2640.0	12:12	3.82	21	49	.00	1.34	16	12	675	.0	2
2642.0	12:17	3.78	21	50	.00	1.34	16	12	676	.0	2
2644.0	12:21	3.79	21	49	.00	1.36	16	12	674	.0	2
2646.0	12:26	3.81	21	50	.00	1.41	16	12	676	.0	2
2648.0	12:35	3.92	22	51	.00	1.44	16	12	662	.0	2
2650.0	12:41	4.04	23	50	.00	1.46	16	12	649	.0	2
2652.0	12:46	3.97	23	50	.00	1.50	16	12	649	.0	2
2654.0	12:53	4.08	24	50	.00	1.53	16	12	651	.0	2
2656.0	13: 0	4.10	24	50	.00	1.56	16	12	651	.0	2
2658.0	13:11	4.06	24	50	.00	1.60	16	12	660	.0	2
2403											
2660.0	13:19	4.18	27	52	.00	1.63	16	12	660	.0	2
2662.0	13:28	4.24	22	50	.00	1.70	16	12	572	.0	2
2664.0	13:39	4.29	20	49	.00	1.76	16	12	590	.0	2
2666.0	13:49	4.29	20	49	.00	1.78	16	12	590	.0	2
2668.0	14: 9	4.38	20	50	.00	1.76	16	12	585	.0	2
2670.0	14:24	4.40	37	49	.00	1.79	16	12	683	.0	2
2672.0	14:41	4.43	43	48	.00	1.78	16	12	682	.0	2
2674.0	14:58	4.43	44	48	.00	1.71	16	12	682	.0	2
2675.0	15: 9	4.60	44	48	.00	1.10	16	12	682	.0	1

NEW BIT ID: 7

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
2424											
2676.0	22:36	3.71	39	42	.00	.57	16	12	683	.0	1
2678.0	22:53	4.25	39	45	.00	.53	16	12	683	.0	2
2680.0	22:56	3.78	40	45	.00	.50	16	12	688	.0	2
2682.0	22:59	3.64	40	45	.00	.50	16	12	689	.0	2
2684.0	23: 2	3.66	40	45	.00	.51	16	12	690	.0	2
2686.0	23:11	3.66	41	45	.00	.51	16	12	690	.0	2
2688.0	23:15	3.72	41	45	.00	.52	16	12	684	.0	2
2690.0	23:18	3.69	42	45	.00	.51	16	12	682	.0	2
2692.0	23:22	3.83	42	46	.00	.51	16	12	682	.0	2
2694.0	23:26	3.71	42	46	.00	.51	16	13	678	.0	2
2443											
2696.0	23:40	3.86	43	47	.00	.50	15	13	679	.0	2
2698.0	23:45	3.82	43	47	.00	.50	15	13	673	.0	2
2700.0	23:50	3.84	43	48	.00	.51	15	13	672	.0	2
2702.0	23:56	3.88	44	47	.00	.64	15	13	670	.0	2
2704.0	0: 3	4.04	44	46	.00	.88	15	13	670	.0	2
2706.0	0:23	4.36	45	48	.00	.54	15	13	674	.0	2
2708.0	0:40	4.39	45	48	.00	.55	15	13	673	.0	2
2710.0	0:55	4.32	46	49	.00	.53	15	13	670	.0	2
2712.0	1: 8	4.32	47	49	.00	.52	15	13	669	.0	2
2714.0	1:21	4.33	47	49	.00	.51	15	13	668	.0	2
2463											
2716.0	1:37	4.30	47	49	.00	.50	15	13	672	.0	2
2718.0	1:41	3.82	47	50	.00	.49	15	13	672	.0	2
2720.0	1:49	4.19	47	50	.00	.50	15	13	672	.0	2
2722.0	2: 0	4.39	47	50	.00	.50	15	13	672	.0	2
2724.0	2:19	4.46	48	50	.00	.51	15	13	670	.0	2
2726.0	2:31	4.38	48	50	.00	.52	15	13	671	.0	2
2728.0	2:45	4.47	48	50	.00	.52	15	13	674	.0	2
2730.0	2:57	4.40	48	51	.00	.51	15	13	674	.0	2
2732.0	3:15	4.58	49	51	.00	.51	15	13	674	.0	2
2734.0	3:20	4.23	49	52	.00	.50	15	13	674	.0	2
2483											

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
	64										
				NEW BIT ID:	2						
244.0	.0	.0	3	109	106	0	106.0	59.1	2196	0	362
246.0	2.0	.0	6	109	103	0	106.1	60.5	2201	0	368
248.0	2.0	.0	3	109	106	0	105.4	58.8	2174	0	373
256.0	8.0	.1	2	109	107	0	107.9	77.5	2170	0	385
258.0	2.0	.1	5	109	105	0	109.6	59.8	2286	0	385
260.0	2.0	.1	8	109	102	0	110.7	60.9	2271	0	391
262.0	2.0	.1	5	109	105	0	111.7	86.1	2165	0	397
264.0	2.0	.1	6	109	103	0	111.1	108.0	2131	0	402
270.0	6.0	.1	5	105	103	0	43.3	80.1	1127	0	412
274.0	4.0	.1	6	113	105	0	.0	66.7	643	0	423
	89										
276.0	2.0	.2	11	113	102	0	.0	61.0	605	0	426
278.0	2.0	.2	11	113	102	0	.0	61.0	597	0	431
280.0	2.0	.2	6	113	107	0	.0	61.8	588	0	437
282.0	2.0	.2	7	113	106	0	.0	62.0	589	0	442
284.0	2.0	.2	4	113	109	0	.0	61.7	590	0	449
286.0	2.0	.2	7	106	106	0	51.8	72.5	1308	0	440
288.0	2.0	.3	7	113	106	0	103.7	107.1	1919	0	445
290.0	2.0	.3	7	113	106	0	106.9	108.4	2005	0	451
292.0	2.0	.3	4	111	109	0	108.7	108.0	2007	0	438
294.0	2.0	.3	6	111	105	0	102.3	108.6	1923	0	444
	106										
298.0	4.0	.3	1	113	102	0	107.0	111.8	2034	0	453
300.0	2.0	.3	7	113	106	0	109.7	112.4	2137	0	459
304.0	4.0	.4	5	114	108	0	110.2	112.3	2127	0	456
306.0	2.0	.4	11	114	103	0	110.8	112.8	2147	0	462
308.0	2.0	.4	9	114	105	0	110.5	113.1	2159	0	468
310.0	2.0	.4	5	105	105	0	110.7	115.1	2146	0	475
312.0	2.0	.4	1	105	104	0	111.1	115.5	2170	0	479
314.0	2.0	.4	9	111	104	0	109.9	110.5	2086	0	468
316.0	2.0	.5	11	116	103	0	110.3	111.0	2109	0	474
318.0	2.0	.5	13	116	103	0	110.2	113.6	2157	0	480
	123										
320.0	2.0	.5	10	116	106	0	111.4	113.4	2157	0	486
322.0	2.0	.5	12	116	104	0	110.2	113.1	2176	0	492
324.0	2.0	.5	8	111	104	0	107.1	111.5	2042	0	494
326.0	2.0	.5	8	111	103	0	105.8	110.5	2040	0	498
328.0	2.0	.5	6	111	106	0	105.6	114.9	2077	0	501
330.0	2.0	.6	7	111	104	0	106.1	114.5	2110	0	503
332.0	2.0	.6	6	110	105	0	108.9	109.2	2145	0	507
334.0	2.0	.6	9	110	101	0	106.2	58.6	2192	0	513
336.0	2.0	.6	8	110	102	0	106.2	58.5	2182	0	517
338.0	2.0	.6	9	110	100	0	107.1	58.6	2215	0	521
	143										
342.0	4.0	.6	9	110	102	0	108.2	86.7	2196	0	524
344.0	2.0	.6	9	111	102	0	110.4	113.2	2194	0	528
346.0	2.0	.6	8	111	103	0	110.8	113.3	2208	0	534
348.0	2.0	.6	10	111	101	0	110.6	112.5	2209	0	540
350.0	2.0	.7	9	111	102	0	110.9	112.2	2196	0	546
352.0	2.0	.7	7	112	105	0	110.4	113.1	2173	0	538
354.0	2.0	.7	11	112	101	0	108.5	113.7	2189	0	543

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
157											
356.0	2.0	.7	9	112	103	0	109.5	114.0	2193	0	548
358.0	2.0	.7	10	112	102	0	109.2	115.3	2209	0	551
360.0	2.0	.7	6	110	104	0	108.2	111.7	2120	0	549
362.0	2.0	.7	7	110	103	0	109.4	113.1	2192	0	554
364.0	2.0	.7	8	110	102	0	109.5	112.8	2178	0	560
366.0	2.0	.7	12	116	103	0	109.7	113.5	2187	0	566
368.0	2.0	.8	10	116	105	0	109.3	114.0	2197	0	573
370.0	2.0	.8	10	113	107	0	110.5	113.7	2214	0	567
372.0	2.0	.8	6	101	101	0	107.8	113.7	2195	0	573
374.0	2.0	.8	9	117	100	0	108.5	114.3	2205	0	578
172											
376.0	2.0	.8	17	117	100	0	108.6	113.8	2245	0	582
380.0	4.0	.8	16	110	100	0	109.1	113.2	2162	0	582
382.0	2.0	.8	11	110	100	0	107.8	111.5	2131	0	586
384.0	2.0	.8	13	110	97	0	108.7	112.9	2169	0	591
386.0	2.0	.9	13	110	97	0	108.5	112.4	2162	0	594
388.0	2.0	.9	11	110	99	0	109.1	112.9	2172	0	599
390.0	2.0	.9	9	109	101	0	109.2	112.0	2166	0	597
392.0	2.0	.9	15	109	94	0	109.4	112.1	2186	0	602
394.0	2.0	.9	12	109	97	0	108.7	113.1	2191	0	608
396.0	2.0	.9	13	109	96	0	109.2	112.8	2186	0	613
191											
398.0	2.0	.9	9	111	101	0	109.1	113.4	2186	0	612
400.0	2.0	1.0	4	113	109	0	100.9	106.7	1921	0	603
402.0	2.0	1.0	5	113	108	0	101.9	107.4	1928	0	605
404.0	2.0	1.1	9	113	104	0	101.8	107.5	1933	0	611
406.0	2.0	1.1	10	113	103	0	101.6	107.9	1944	0	617
408.0	2.0	1.1	8	114	105	0	101.7	106.3	1924	0	621
410.0	2.0	1.1	9	116	107	0	102.6	101.0	1837	0	624
412.0	2.0	1.2	10	116	106	0	102.8	101.1	1859	0	628
414.0	2.0	1.2	10	116	106	0	102.9	103.6	1909	0	632
416.0	2.0	1.2	9	116	106	0	101.5	104.3	1950	0	633
211											
418.0	2.0	1.3	9	116	107	0	99.9	103.0	1903	0	635
420.0	2.0	1.3	10	116	106	0	98.3	106.5	1921	0	634
422.0	2.0	1.3	11	116	105	0	99.3	107.2	1945	0	637
424.0	2.0	1.4	10	116	106	0	100.7	107.1	1974	0	641
426.0	2.0	1.4	12	116	104	0	101.6	106.8	1989	0	647
428.0	2.0	1.5	12	117	104	0	101.4	106.8	1981	0	647
430.0	2.0	1.5	10	117	106	0	101.0	106.8	1983	0	650
432.0	2.0	1.5	11	117	105	0	101.2	107.7	1991	0	655
434.0	2.0	1.5	11	117	105	0	101.4	107.5	1983	0	659
436.0	2.0	1.6	12	117	105	0	101.1	107.8	1994	0	664
231											
438.0	2.0	1.6	10	118	107	0	105.9	102.6	1998	0	667
440.0	2.0	1.6	9	118	108	0	110.6	102.4	2097	0	671
442.0	2.0	1.7	8	118	110	0	110.5	103.8	2117	0	673
444.0	2.0	1.7	9	118	108	0	110.5	104.2	2121	0	674
446.0	2.0	1.7	10	118	107	0	110.9	104.5	2111	0	678
448.0	2.0	1.7	9	117	108	0	101.3	101.5	1869	0	681
450.0	2.0	1.8	10	117	107	0	99.4	100.9	1826	0	684
452.0	2.0	1.8	11	117	106	0	99.9	101.3	1854	0	688
454.0	2.0	1.8	11	117	106	0	99.9	102.6	1890	0	692
456.0	2.0	1.9	12	118	105	0	99.8	103.4	1913	0	694
251											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
251											
458.0	2.0	1.9	10	118	109	0	103.2	103.2	1988	0	697
460.0	2.0	1.9	9	118	109	0	103.5	103.0	1990	0	699
462.0	2.0	1.9	10	118	108	0	103.8	102.7	1985	0	701
464.0	2.0	2.0	10	118	108	0	103.5	103.2	1988	0	704
466.0	2.0	2.0	10	119	108	0	103.0	103.8	1992	0	709
468.0	2.0	2.1	9	119	110	0	98.4	107.8	2000	0	712
470.0	2.0	2.1	10	119	109	0	99.4	106.2	1964	0	715
472.0	2.0	2.1	11	119	108	0	99.2	106.4	1968	0	717
474.0	2.0	2.2	12	119	107	0	99.5	106.6	1965	0	720
476.0	2.0	2.2	11	119	107	0	99.5	105.9	1986	0	724
271											
478.0	2.0	2.2	10	119	109	0	99.9	106.7	2014	0	726
480.0	2.0	2.3	9	119	109	0	100.0	107.1	2019	0	729
482.0	2.0	2.3	11	119	108	0	100.0	106.5	2015	0	731
484.0	2.0	2.4	12	119	107	0	100.6	107.0	2029	0	735
486.0	2.0	2.4	11	119	108	0	98.9	106.8	2010	0	739
488.0	2.0	2.4	11	119	108	0	97.7	107.0	1978	0	743
490.0	2.0	2.5	10	119	108	0	97.9	107.2	1990	0	747
492.0	2.0	2.5	12	119	107	0	97.9	107.4	1997	0	749
494.0	2.0	2.6	12	119	106	0	98.1	107.5	1993	0	753
496.0	2.0	2.6	14	121	107	0	100.1	104.4	2007	0	753
291											
498.0	2.0	2.6	15	121	106	0	101.2	103.6	2015	0	756
500.0	2.0	2.7	15	121	106	0	101.5	103.8	2021	0	757
502.0	2.0	2.8	15	121	106	0	101.7	104.1	2027	0	761
504.0	2.0	2.9	16	121	105	0	101.1	105.7	2043	0	762
506.0	2.0	3.0	16	122	106	0	100.7	108.1	2085	0	764
508.0	2.0	3.2	17	122	105	0	100.8	106.2	2013	0	769
510.0	2.0	3.2	18	122	104	0	100.8	104.2	2002	0	775
512.0	2.0	3.3	18	122	103	0	100.5	103.9	2003	0	779
514.0	2.0	3.3	16	121	105	0	101.5	103.8	2029	0	782
516.0	2.0	3.4	17	121	103	0	103.4	104.3	2052	0	788
311											
518.0	2.0	3.5	18	121	103	0	102.1	104.0	2036	0	788
520.0	2.0	3.5	17	121	104	0	102.6	104.6	2036	0	792
522.0	2.0	3.6	12	121	109	0	102.6	104.4	2050	0	797
524.0	2.0	3.7	15	120	105	0	99.3	104.1	1977	0	794
526.0	2.0	3.7	17	120	103	0	99.5	104.1	1976	0	798
528.0	2.0	3.8	21	120	99	0	99.8	104.5	2006	0	801
530.0	2.0	3.8	21	120	99	0	99.6	104.1	2017	0	807
532.0	2.0	3.8	20	120	101	0	99.2	104.1	2021	0	813
534.0	2.0	3.9	20	121	102	0	100.8	106.4	2121	0	817
536.0	2.0	3.9	21	121	100	0	101.7	107.3	2141	0	821
331											
538.0	2.0	3.9	23	121	99	0	101.7	106.2	2113	0	827
540.0	2.0	4.0	22	121	99	0	102.1	104.9	2095	0	832
544.0	4.0	4.0	19	121	101	0	46.6	85.5	1227	0	835
546.0	2.0	4.1	14	121	107	0	.0	109.9	473	0	843
548.0	2.0	4.1	10	121	111	0	.0	109.8	486	0	850
550.0	2.0	4.2	12	121	109	0	.0	110.2	476	0	853
552.0	2.0	4.3	15	123	107	0	57.2	108.0	1469	0	852
554.0	2.0	4.3	20	123	103	0	100.4	106.3	2094	0	859
556.0	2.0	4.4	21	123	102	0	100.6	104.9	2084	0	865
558.0	2.0	4.4	22	123	100	0	101.0	105.0	2095	0	871
352											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
352											
560.0	2.0	4.4	23	123	100	0	101.5	105.0	2108	0	877
562.0	2.0	4.4	19	123	104	0	99.2	105.1	2066	0	872
564.0	2.0	4.5	26	128	102	0	98.5	105.0	2054	0	877
566.0	2.0	4.5	27	128	101	0	99.0	105.5	2066	0	883
568.0	2.0	4.5	27	128	101	0	98.8	105.8	2077	0	886
570.0	2.0	4.6	26	127	102	0	98.8	105.5	2087	0	890
572.0	2.0	4.6	22	125	103	0	97.0	107.9	2093	0	887
574.0	2.0	4.6	26	127	101	0	97.3	109.7	2109	0	893
576.0	2.0	4.6	24	127	103	0	97.1	109.4	2115	0	899
578.0	2.0	4.6	26	127	101	0	97.4	109.2	2138	0	905
372											
580.0	2.0	4.7	21	125	105	0	97.7	108.7	2118	0	903
582.0	2.0	4.7	21	123	102	0	99.4	104.6	2067	0	901
584.0	2.0	4.7	21	126	104	0	99.9	105.0	2064	0	907
586.0	2.0	4.7	18	128	110	0	99.6	104.6	2083	0	913
588.0	2.0	4.8	17	128	111	0	99.7	104.7	2094	0	917
590.0	2.0	4.8	18	126	108	0	100.9	104.1	2076	0	915
592.0	2.0	4.9	15	125	109	0	102.1	101.1	2073	0	918
594.0	2.0	4.9	13	125	112	0	102.0	101.6	2073	0	922
596.0	2.0	4.9	13	125	112	0	102.0	101.7	2075	0	924
598.0	2.0	5.0	12	125	113	0	101.9	101.5	2079	0	926
392											
600.0	2.0	5.0	12	127	112	0	101.1	106.2	2166	0	926
602.0	2.0	5.1	20	129	109	0	101.2	108.3	2187	0	930
604.0	2.0	5.1	26	129	103	0	101.1	108.0	2199	0	933
606.0	2.0	5.1	27	129	102	0	100.9	108.6	2211	0	937
608.0	2.0	5.2	23	127	105	0	102.9	108.0	2270	0	933
610.0	2.0	5.2	25	129	101	0	112.8	106.4	2417	0	929
612.0	2.0	5.2	29	128	99	0	112.8	106.3	2416	0	935
614.0	2.0	5.3	26	128	102	0	112.4	106.3	2413	0	941
616.0	2.0	5.3	25	128	103	0	112.3	106.5	2410	0	948
618.0	2.0	5.3	24	127	103	0	109.7	106.2	2348	0	954
412											
620.0	2.0	5.4	22	125	103	0	105.6	105.7	2230	0	960
622.0	2.0	5.4	22	127	104	0	105.6	106.2	2234	0	966
624.0	2.0	5.4	25	129	104	0	105.6	106.2	2235	0	971
626.0	2.0	5.4	26	129	103	0	106.0	106.2	2231	0	976
628.0	2.0	5.5	24	127	104	0	104.5	108.2	2256	0	970
630.0	2.0	5.5	22	129	107	0	103.7	104.7	2281	0	976
632.0	2.0	5.5	22	129	107	0	103.7	94.6	2272	0	982
634.0	2.0	5.6	20	129	109	0	103.7	109.7	2274	0	987
636.0	2.0	5.6	26	129	103	0	103.8	109.6	2267	0	990
638.0	2.0	5.6	24	129	104	0	103.5	108.2	2269	0	987
432											
640.0	2.0	5.7	25	129	104	0	104.3	109.1	2265	0	993
642.0	2.0	5.7	23	129	106	0	103.6	109.1	2273	0	996
644.0	2.0	5.8	24	129	105	0	103.9	108.9	2270	0	1000
646.0	2.0	5.8	26	129	103	0	104.2	106.3	2235	0	1004
648.0	2.0	5.8	21	127	107	0	104.5	106.9	2249	0	1002
650.0	2.0	5.9	25	129	104	0	104.7	108.1	2267	0	1008
652.0	2.0	5.9	24	129	105	0	104.7	108.8	2281	0	1015
654.0	2.0	5.9	26	129	103	0	104.8	108.2	2283	0	1020
656.0	2.0	5.9	25	129	104	0	104.8	107.9	2273	0	1024
658.0	2.0	6.0	22	127	105	0	100.4	70.3	2245	0	1017
452											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
452											
660.0	2.0	6.0	21	127	106	0	99.6	55.8	2234	0	1023
662.0	2.0	6.1	22	127	105	0	99.8	56.0	2233	0	1027
664.0	2.0	6.1	22	127	105	0	99.9	55.7	2245	0	1029
666.0	2.0	6.1	22	127	105	0	100.8	55.7	2288	0	1032
668.0	2.0	6.2	25	130	105	0	102.5	56.2	2346	0	1036
670.0	2.0	6.2	26	130	104	0	102.1	56.4	2336	0	1044
672.0	2.0	6.2	25	130	105	0	102.3	56.9	2335	0	1051
674.0	2.0	6.3	26	130	104	0	103.4	81.2	2285	0	1057
676.0	2.0	6.3	23	129	106	0	102.1	86.8	2223	0	1060
678.0	2.0	6.3	21	128	108	0	99.4	56.0	2233	0	1063
472											
680.0	2.0	6.4	25	129	104	0	99.9	67.7	2235	0	1067
682.0	2.0	6.4	25	129	104	0	102.6	106.6	2216	0	1073
684.0	2.0	6.4	23	129	106	0	103.1	106.4	2219	0	1079
686.0	2.0	6.4	22	129	107	0	103.7	80.7	2305	0	1075
688.0	2.0	6.5	21	129	108	0	104.0	55.5	2348	0	1077
690.0	2.0	6.5	26	129	103	0	104.8	89.7	2272	0	1082
692.0	2.0	6.6	26	130	104	0	105.5	105.8	2241	0	1088
694.0	2.0	6.6	24	130	106	0	104.5	104.8	2236	0	1094
696.0	2.0	6.6	22	129	108	0	104.0	96.9	2289	0	1088
698.0	2.0	6.6	25	130	105	0	104.0	101.4	2300	0	1093
492											
700.0	2.0	6.6	25	130	105	0	103.9	101.0	2297	0	1099
702.0	2.0	6.7	23	130	107	0	103.7	107.1	2305	0	1105
704.0	2.0	6.7	21	130	109	0	103.2	101.8	2317	0	1111
706.0	2.0	6.7	14	118	107	0	100.9	89.2	2295	0	1104
708.0	2.0	6.8	26	130	104	0	99.8	84.1	2274	0	1108
710.0	2.0	6.8	22	130	108	0	100.4	105.8	2221	0	1114
712.0	2.0	6.8	21	130	109	0	99.4	105.7	2216	0	1120
714.0	2.0	6.9	24	130	106	0	99.8	105.6	2223	0	1120
716.0	2.0	6.9	22	130	108	0	106.6	107.5	2401	0	1119
718.0	2.0	6.9	22	130	108	0	106.6	103.0	2346	0	1124
512											
720.0	2.0	7.0	25	130	105	0	107.0	101.4	2294	0	1130
722.0	2.0	7.0	23	130	107	0	107.0	100.8	2300	0	1136
724.0	2.0	7.1	23	131	107	0	104.6	100.5	2341	0	1135
726.0	2.0	7.1	24	131	107	0	102.4	102.7	2367	0	1135
728.0	2.0	7.2	26	131	105	0	102.2	103.2	2365	0	1140
730.0	2.0	7.2	27	131	104	0	102.5	103.5	2374	0	1143
732.0	2.0	7.3	28	131	103	0	101.9	103.2	2376	0	1144
734.0	2.0	7.3	27	131	105	0	101.1	102.9	2350	0	1143
736.0	2.0	7.4	29	131	102	0	99.9	103.3	2338	0	1148
738.0	2.0	7.4	29	131	103	0	100.4	104.0	2330	0	1152
532											
740.0	2.0	7.4	29	131	103	0	100.3	104.1	2350	0	1157
742.0	2.0	7.4	28	131	103	0	103.8	107.0	2326	0	1162
744.0	2.0	7.5	29	132	103	0	107.0	62.1	2404	0	1160
746.0	2.0	7.5	29	132	103	0	107.0	54.2	2408	0	1166
748.0	2.0	7.6	30	132	102	0	107.0	53.8	2415	0	1171
750.0	2.0	7.6	28	132	103	0	107.0	53.8	2409	0	1176
752.0	2.0	7.7	28	132	104	0	107.0	74.8	2383	0	1169
754.0	2.0	7.7	29	132	103	0	107.0	51.7	2386	0	1175
756.0	2.0	7.8	28	132	104	0	107.0	53.6	2369	0	1181
758.0	2.0	7.8	29	132	103	0	107.0	52.9	2381	0	1186
552											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
552											
760.0	2.0	7.8	28	132	104	0	107.0	52.0	2378	0	1187
762.0	2.0	7.9	30	132	103	0	107.0	6.1	2267	0	1188
764.0	2.0	7.9	30	132	102	0	107.0	14.2	2273	0	1194
766.0	2.0	8.0	30	132	102	0	107.0	.0	2277	0	1200
768.0	2.0	8.0	30	132	102	0	107.0	.0	2285	0	1205
770.0	2.0	8.1	30	132	102	0	107.0	41.2	2335	0	1205
772.0	2.0	8.1	30	133	103	0	107.0	.0	2445	0	1205
774.0	2.0	8.1	30	133	102	0	107.0	.0	2440	0	1211
776.0	2.0	8.2	29	133	104	0	107.0	.0	2450	0	1204
778.0	2.0	8.2	31	133	102	0	107.0	.0	2447	0	1197
572											
780.0	2.0	8.3	29	133	104	0	107.0	.0	2442	0	1203
782.0	2.0	8.3	31	134	103	0	107.0	.0	2413	0	1210
784.0	2.0	8.3	32	134	102	0	107.0	.0	2432	0	1216
786.0	2.0	8.4	32	134	102	0	107.0	.0	2406	0	1222
788.0	2.0	8.4	33	134	101	0	107.0	.0	2386	0	1229
790.0	2.0	8.5	31	134	103	0	107.0	.0	2487	0	1234
792.0	2.0	8.5	30	134	104	0	107.0	.0	2618	0	1238
794.0	2.0	8.5	30	134	103	0	107.0	.0	2625	0	1242
796.0	2.0	8.6	31	134	103	0	107.0	.0	2631	0	1248
798.0	2.0	8.6	31	134	102	0	107.0	1.5	2634	0	1252
592											
800.0	2.0	8.7	30	135	105	0	102.3	70.8	2527	0	1242
802.0	2.0	8.7	32	135	103	0	108.6	108.5	2645	0	1246
804.0	2.0	8.8	32	135	103	0	108.7	107.7	2634	0	1248
806.0	2.0	8.8	38	135	97	0	108.8	107.6	2605	0	1250
808.0	2.0	8.9	35	135	99	0	108.7	106.8	2616	0	1254
810.0	2.0	9.0	31	129	100	0	104.9	106.3	2535	0	1264
812.0	2.0	9.0	29	129	100	0	109.5	107.6	2637	0	1269
814.0	2.0	9.1	30	129	99	0	109.6	107.2	2586	0	1274
816.0	2.0	9.2	32	129	97	0	109.7	106.8	2549	0	1279
818.0	2.0	9.2	30	129	99	0	109.3	107.4	2606	0	1285
612											
820.0	2.0	9.3	31	130	99	0	104.8	107.4	2565	0	1275
822.0	2.0	9.3	31	130	99	0	108.6	107.5	2662	0	1280
824.0	2.0	9.4	31	130	99	0	108.8	107.8	2649	0	1287
826.0	2.0	9.4	30	130	100	0	109.1	108.1	2653	0	1293
828.0	2.0	9.4	30	130	100	0	108.5	107.3	2641	0	1299
830.0	2.0	9.5	30	130	100	0	108.4	107.7	2655	0	1305
832.0	2.0	9.6	29	130	101	0	108.1	107.8	2653	0	1312
834.0	2.0	9.6	30	130	99	0	108.2	108.1	2667	0	1316
836.0	2.0	9.7	29	130	100	0	108.4	107.9	2662	0	1317
838.0	2.0	9.7	30	130	100	0	107.9	107.4	2660	0	1317
632											
840.0	2.0	9.8	32	131	99	0	107.3	107.4	2638	0	1322
842.0	2.0	9.9	30	131	101	0	107.2	107.5	2634	0	1327
844.0	2.0	9.9	30	131	101	0	107.6	107.6	2628	0	1330
846.0	2.0	10.0	31	131	100	0	107.7	108.1	2622	0	1334
848.0	2.0	10.0	30	131	101	0	106.5	107.3	2586	0	1335
850.0	2.0	10.1	33	132	99	0	105.5	108.0	2590	0	1339
852.0	2.0	10.2	36	132	96	0	105.6	108.1	2573	0	1342
854.0	2.0	10.2	33	132	98	0	106.0	108.4	2570	0	1345
856.0	2.0	10.3	35	132	97	0	106.4	108.1	2587	0	1347
858.0	2.0	10.4	32	132	100	0	107.2	105.7	2596	0	1350
652											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	652										
860.0	2.0	10.4	33	133	100	0	110.8	104.2	2651	0	1355
862.0	2.0	10.4	32	133	101	0	107.9	107.2	2634	0	1360
864.0	2.0	10.5	33	133	100	0	107.4	107.6	2648	0	1364
866.0	2.0	10.5	32	133	101	0	107.9	107.9	2639	0	1369
868.0	2.0	10.6	31	133	102	0	107.6	108.3	2637	0	1370
870.0	2.0	10.6	33	133	100	0	106.9	107.7	2625	0	1375
872.0	2.0	10.6	34	133	99	0	107.2	107.3	2630	0	1379
874.0	2.0	10.7	33	133	100	0	106.8	108.7	2629	0	1384
875.0	1.0	10.7	32	133	102	0	107.1	108.1	2620	0	1388
NEW BIT ID: 3											
876.0	.0	.0	16	141	125	0	87.0	96.4	2976	0	1344
	674										
878.0	2.0	.1	27	141	114	0	86.7	96.9	2942	0	1349
880.0	2.0	.1	28	142	113	0	93.5	94.8	3093	0	1350
882.0	2.0	.2	30	142	112	0	96.5	95.0	3140	0	1357
884.0	2.0	.2	30	142	112	0	96.1	94.1	3120	0	1363
888.0	4.0	.3	27	141	114	0	100.9	92.8	3173	0	1373
890.0	2.0	.4	29	141	112	0	97.3	91.9	3221	0	1378
892.0	2.0	.4	26	141	116	0	98.0	91.6	3226	0	1381
894.0	2.0	.4	31	141	110	0	99.4	91.6	3219	0	1385
898.0	4.0	.5	30	132	112	0	95.2	89.8	3116	0	1392
900.0	2.0	.5	30	128	112	0	94.5	88.4	3052	0	1399
	697										
902.0	2.0	.6	30	128	115	0	93.8	88.2	3008	0	1403
904.0	2.0	.6	30	128	113	0	90.6	92.3	3021	0	1407
906.0	2.0	.6	30	142	113	0	89.8	93.0	3036	0	1410
908.0	2.0	.7	30	141	116	0	90.1	93.3	3069	0	1410
910.0	2.0	.7	30	141	111	0	90.4	93.6	3079	0	1416
912.0	2.0	.7	29	141	111	0	89.8	93.8	3072	0	1420
914.0	2.0	.8	30	141	111	0	90.2	93.9	3057	0	1423
916.0	2.0	.8	30	142	112	0	87.8	93.3	2989	0	1424
918.0	2.0	.8	31	144	113	0	90.4	92.1	3035	0	1426
920.0	2.0	.9	31	144	113	0	91.1	91.5	3033	0	1432
	717										
922.0	2.0	.9	36	144	108	0	91.8	92.1	3034	0	1437
924.0	2.0	.9	40	144	104	0	91.7	91.0	3012	0	1440
926.0	2.0	.9	40	139	106	0	89.9	92.1	3010	0	1440
928.0	2.0	1.0	40	134	107	0	86.5	95.1	3032	0	1442
930.0	2.0	1.0	40	134	104	0	90.8	91.9	3037	0	1449
932.0	2.0	1.0	40	134	106	0	91.3	91.4	3036	0	1452
934.0	2.0	1.1	40	134	104	0	91.0	91.2	3035	0	1456
936.0	2.0	1.1	40	118	94	0	92.6	91.4	3070	0	1452
938.0	2.0	1.1	40	136	95	0	92.0	89.8	3022	0	1458
940.0	2.0	1.1	40	134	94	0	91.7	90.8	3019	0	1464
	737										
942.0	2.0	1.2	41	134	93	0	91.3	91.5	3043	0	1464
944.0	2.0	1.2	40	134	94	0	91.2	91.2	3039	0	1466
946.0	2.0	1.3	36	134	97	0	73.4	118.8	1431	0	1461
948.0	2.0	1.3	35	134	99	0	.0	120.7	1269	0	1466
950.0	2.0	1.4	37	134	97	0	.0	119.2	1271	0	1471
952.0	2.0	1.4	36	134	98	0	.0	120.7	1278	0	1476
954.0	2.0	1.4	34	129	100	0	.2	121.1	1275	0	1480

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	751										
956.0	2.0	1.5	38	136	97	0	91.5	93.0	3143	0	1485
958.0	2.0	1.5	38	136	98	0	91.9	92.7	3132	0	1491
960.0	2.0	1.5	37	136	99	0	92.3	92.1	3119	0	1497
962.0	2.0	1.6	40	136	96	0	92.1	91.8	3101	0	1503
964.0	2.0	1.6	37	130	98	0	92.3	92.0	3102	0	1502
966.0	2.0	1.6	38	137	98	0	91.8	93.5	3144	0	1500
968.0	2.0	1.7	42	137	95	0	91.5	93.1	3118	0	1504
970.0	2.0	1.7	41	137	96	0	91.7	91.7	3069	0	1507
972.0	2.0	1.7	40	137	97	0	92.0	91.8	3079	0	1511
974.0	2.0	1.8	37	168	122	0	87.5	92.3	2957	0	1510
	771										
976.0	2.0	1.8	37	200	163	0	91.8	92.7	3046	0	1510
978.0	2.0	1.8	38	200	162	0	94.9	92.3	3080	0	1513
980.0	2.0	1.9	38	200	162	0	90.2	92.7	3113	0	1516
982.0	2.0	1.9	37	200	162	0	90.4	92.9	3102	0	1519
984.0	2.0	1.9	36	199	163	0	90.2	91.1	3033	0	1524
986.0	2.0	2.0	37	199	162	0	92.0	89.6	3067	0	1530
988.0	2.0	2.0	36	199	163	0	92.1	89.5	3069	0	1532
990.0	2.0	2.0	35	199	164	0	91.7	89.9	3079	0	1536
994.0	4.0	2.1	33	202	169	0	93.0	88.8	3085	0	1529
996.0	2.0	2.1	42	202	160	0	92.8	89.1	3084	0	1535
	791										
998.0	2.0	2.2	42	202	160	0	93.6	88.9	3101	0	1541
1000.0	2.0	2.2	42	202	160	0	93.5	88.7	3098	0	1546
1012.0	12.0	2.4	35	199	165	0	89.3	94.6	3148	0	1584
1014.0	2.0	2.4	38	199	161	0	89.7	91.4	3044	0	1589
1016.0	2.0	2.5	39	199	160	0	89.4	90.9	3025	0	1595
1018.0	2.0	2.5	38	199	161	0	89.4	90.1	3013	0	1601
1020.0	2.0	2.5	38	199	161	0	89.6	90.2	3015	0	1606
1022.0	2.0	2.5	36	200	164	0	88.4	90.4	3004	0	1605
1024.0	2.0	2.6	38	200	162	0	89.1	92.7	3068	0	1601
1026.0	2.0	2.6	38	200	163	0	88.6	92.2	3046	0	1601
	810										
1028.0	2.0	2.6	39	200	161	0	88.7	92.2	3062	0	1602
1030.0	2.0	2.7	38	200	162	0	88.5	92.4	3063	0	1605
1032.0	2.0	2.7	34	200	166	0	91.0	91.7	3136	0	1600
1034.0	2.0	2.7	37	200	163	0	93.3	91.4	3167	0	1606
1036.0	2.0	2.8	38	200	163	0	93.0	89.2	3100	0	1612
1038.0	2.0	2.8	39	200	161	0	92.5	88.6	3085	0	1618
1040.0	2.0	2.8	39	200	162	0	90.9	88.7	3031	0	1622
1042.0	2.0	2.9	37	200	163	0	89.6	90.2	3030	0	1617
1044.0	2.0	2.9	38	200	162	0	89.1	90.5	3019	0	1622
1046.0	2.0	2.9	37	200	163	0	89.0	90.1	3003	0	1628
	830										
1048.0	2.0	3.0	38	200	162	0	89.5	90.4	3035	0	1632
1050.0	2.0	3.0	35	200	165	0	89.6	89.7	3042	0	1631
1052.0	2.0	3.1	39	200	161	0	91.7	90.2	3091	0	1632
1054.0	2.0	3.1	38	200	162	0	90.9	89.8	3071	0	1638
1056.0	2.0	3.2	40	200	160	0	90.7	89.8	3075	0	1640
1058.0	2.0	3.2	38	200	162	0	91.5	89.9	3075	0	1644
1060.0	2.0	3.2	37	201	164	0	91.8	87.3	3033	0	1643
1062.0	2.0	3.3	36	201	165	0	92.0	90.5	3093	0	1649
1064.0	2.0	3.3	38	201	163	0	90.4	90.2	3071	0	1653
1066.0	2.0	3.4	36	201	165	0	89.8	90.5	3065	0	1656
	850										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
850											
1068.0	2.0	3.4	38	201	163	0	90.2	90.5	3057	0	1661
1070.0	2.0	3.4	31	201	170	0	88.9	91.8	3076	0	1662
1072.0	2.0	3.5	39	201	162	0	88.7	93.6	3127	0	1668
1074.0	2.0	3.5	37	201	163	0	94.4	86.1	3086	0	1674
1076.0	2.0	3.6	39	201	161	0	91.7	89.2	3065	0	1678
1078.0	2.0	3.6	38	201	162	0	90.2	88.8	3030	0	1681
1080.0	2.0	3.6	36	199	164	0	89.9	89.9	3055	0	1677
1082.0	2.0	3.7	38	199	161	0	90.0	89.8	3061	0	1682
1084.0	2.0	3.7	38	199	161	0	90.2	89.8	3051	0	1686
1086.0	2.0	3.8	40	199	160	0	90.4	89.3	3064	0	1688
870											
1088.0	2.0	3.8	39	199	160	0	90.3	89.5	3055	0	1691
1090.0	2.0	3.9	39	200	161	0	89.3	89.8	3055	0	1691
1092.0	2.0	3.9	40	200	160	0	91.2	88.2	3067	0	1696
1094.0	2.0	3.9	41	200	160	0	91.3	88.9	3065	0	1701
1096.0	2.0	4.0	41	200	160	0	91.4	88.9	3099	0	1704
1098.0	2.0	4.0	41	201	160	0	91.7	89.4	3129	0	1704
1100.0	2.0	4.1	41	202	162	0	91.1	88.3	3059	0	1705
1102.0	2.0	4.1	41	202	162	0	90.7	87.3	3018	0	1710
1104.0	2.0	4.1	41	202	162	0	90.8	87.4	3037	0	1714
1106.0	2.0	4.2	41	202	162	0	90.8	87.7	3041	0	1718
890											
1108.0	2.0	4.2	40	202	162	0	89.1	88.8	3033	0	1716
1110.0	2.0	4.2	42	202	160	0	86.2	89.8	3021	0	1722
1112.0	2.0	4.3	40	202	162	0	86.2	90.1	3031	0	1727
1114.0	2.0	4.3	41	202	162	0	86.7	90.2	3038	0	1731
1116.0	2.0	4.4	40	202	162	0	86.6	90.0	3041	0	1734
1118.0	2.0	4.4	39	202	163	0	84.4	91.7	3041	0	1733
1120.0	2.0	4.4	41	202	162	0	82.9	92.7	3031	0	1738
1122.0	2.0	4.5	41	202	161	0	83.0	93.7	3037	0	1743
1124.0	2.0	4.5	41	202	161	0	83.0	92.8	3039	0	1747
1126.0	2.0	4.5	41	202	161	0	83.3	93.1	3034	0	1751
910											
1128.0	2.0	4.6	38	202	164	0	86.8	87.8	2993	0	1749
1130.0	2.0	4.6	40	202	162	0	87.5	88.4	3038	0	1754
1132.0	2.0	4.7	42	204	162	0	87.3	88.4	3036	0	1758
1134.0	2.0	4.7	43	204	161	0	88.6	88.0	3076	0	1759
1138.0	4.0	4.8	41	203	162	0	91.2	87.7	3122	0	1764
1140.0	2.0	4.9	40	202	162	0	92.4	84.9	3079	0	1769
1142.0	2.0	4.9	42	202	160	0	92.4	84.4	3064	0	1773
1144.0	2.0	5.0	43	202	159	0	92.0	84.2	2794	0	1776
1146.0	2.0	5.0	43	204	159	0	91.9	84.6	2715	0	1777
1148.0	2.0	5.1	45	206	161	0	86.9	87.2	2699	0	1780
931											
1150.0	2.0	5.1	46	206	160	0	87.5	88.0	2707	0	1785
1152.0	2.0	5.2	44	206	162	0	86.8	91.2	2816	0	1789
1154.0	2.0	5.2	44	206	162	0	85.6	92.0	2812	0	1793
1156.0	2.0	5.2	43	203	161	0	89.2	88.5	2778	0	1793
1158.0	2.0	5.3	41	201	160	0	92.6	83.5	2729	0	1796
1160.0	2.0	5.3	41	201	160	0	86.1	90.7	2798	0	1803
1162.0	2.0	5.4	42	201	159	0	88.5	89.2	2804	0	1808
1164.0	2.0	5.4	42	201	159	0	88.5	88.7	2788	0	1812
1166.0	2.0	5.5	39	202	162	0	89.1	88.4	2815	0	1808
1168.0	2.0	5.5	41	202	162	0	89.9	87.6	2812	0	1813
951											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
951											
1170.0	2.0	5.6	42	202	161	0	89.7	87.3	2816	0	1817
1172.0	2.0	5.6	42	202	160	0	90.1	87.7	2819	0	1819
1174.0	2.0	5.7	42	202	160	0	89.7	88.0	2823	0	1820
1176.0	2.0	5.7	40	202	162	0	87.6	88.4	2777	0	1819
1178.0	2.0	5.8	44	204	160	0	87.1	89.1	2768	0	1823
1180.0	2.0	5.9	46	206	160	0	87.5	88.9	2779	0	1826
1182.0	2.0	5.9	48	206	158	0	87.9	89.0	2760	0	1829
1184.0	2.0	6.0	46	205	160	0	88.2	88.6	2782	0	1831
1186.0	2.0	6.0	44	206	162	0	88.2	90.3	2836	0	1836
1188.0	2.0	6.1	45	206	161	0	85.8	90.6	2783	0	1842
971											
1190.0	2.0	6.1	44	206	162	0	86.3	91.4	2787	0	1847
1192.0	2.0	6.1	47	206	159	0	86.7	91.0	2767	0	1851
1194.0	2.0	6.2	43	204	162	0	87.0	90.2	2787	0	1853
1196.0	2.0	6.2	44	206	162	0	88.9	90.0	2853	0	1857
1198.0	2.0	6.3	45	206	161	0	88.5	90.6	2845	0	1862
1200.0	2.0	6.4	46	206	160	0	86.9	91.7	2803	0	1865
1202.0	2.0	6.4	48	206	158	0	86.8	91.3	2800	0	1866
1204.0	2.0	6.5	46	203	158	0	88.0	89.5	2758	0	1863
1206.0	2.0	6.5	49	206	157	0	88.9	87.5	2737	0	1868
1208.0	2.0	6.6	49	206	157	0	88.8	87.6	2747	0	1871
991											
1210.0	2.0	6.6	49	206	157	0	89.0	87.7	2726	0	1874
1212.0	2.0	6.7	50	206	156	0	89.1	87.1	2729	0	1877
1214.0	2.0	6.8	44	203	160	0	88.4	88.5	2745	0	1879
1216.0	2.0	6.8	44	206	162	0	88.5	89.1	2782	0	1883
1218.0	2.0	6.9	43	206	163	0	88.7	90.1	2806	0	1885
1220.0	2.0	7.0	43	207	164	0	89.0	89.3	2820	0	1888
1222.0	2.0	7.1	45	207	162	0	89.3	89.8	2790	0	1895
1224.0	2.0	7.1	43	208	165	0	.0	112.9	908	0	1904
1226.0	2.0	7.2	42	208	166	0	10.2	107.8	1178	0	1911
1228.0	2.0	7.3	46	208	162	0	90.4	87.3	2774	0	1918
1011											
1230.0	2.0	7.4	48	208	160	0	90.0	87.0	2749	0	1925
1232.0	2.0	7.4	45	205	161	0	89.9	86.9	2778	0	1928
1234.0	2.0	7.5	42	203	160	0	87.8	89.1	2767	0	1931
1236.0	2.0	7.6	44	205	161	0	88.2	88.5	2774	0	1932
1238.0	2.0	7.7	47	209	162	0	88.5	89.3	2792	0	1933
1240.0	2.0	7.7	47	209	162	0	88.2	88.9	2812	0	1936
1242.0	2.0	7.8	45	209	163	0	89.5	89.1	2852	0	1938
1244.0	2.0	7.9	46	209	163	0	90.3	89.3	2878	0	1941
1246.0	2.0	8.0	44	209	165	0	88.2	90.4	2837	0	1945
1248.0	2.0	8.0	43	209	166	0	87.1	90.4	2842	0	1949
1031											
1250.0	2.0	8.1	44	209	165	0	87.9	90.5	2842	0	1953
1252.0	2.0	8.2	43	209	166	0	109.8	57.4	1369	0	1956
1254.0	2.0	8.3	45	209	164	0	94.7	78.9	2484	0	1960
1256.0	2.0	8.4	44	209	165	0	91.5	87.0	2840	0	1962
1258.0	2.0	8.5	43	209	166	0	91.6	86.6	2848	0	1964
1260.0	2.0	8.6	44	209	165	0	91.5	87.0	2854	0	1966
1262.0	2.0	8.7	42	209	167	0	88.9	90.9	2888	0	1968
1264.0	2.0	8.8	42	209	167	0	88.3	90.9	2891	0	1970
1266.0	2.0	8.9	41	209	168	0	88.8	91.2	2897	0	1972
1268.0	2.0	9.0	41	209	168	0	88.9	91.3	2903	0	1978
1050											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1050											
1270.0	2.0	9.1	43	209	166	0	88.9	90.8	2880	0	1982
1272.0	2.0	9.2	42	210	168	0	90.8	88.2	2844	0	1984
1274.0	2.0	9.3	41	211	170	0	89.5	90.5	2645	0	1987
1276.0	2.0	9.4	42	212	170	0	51.4	112.9	925	0	1992
1278.0	2.0	9.5	42	212	170	0	35.7	112.6	924	0	1998
1280.0	2.0	9.6	41	212	170	0	17.9	112.0	895	0	2002
1282.0	2.0	9.7	47	212	165	0	28.5	102.6	1502	0	2004
1284.0	2.0	9.7	47	212	165	0	89.5	87.0	2824	0	2008
1286.0	2.0	9.8	46	212	166	0	75.4	95.9	2050	0	2012
1288.0	2.0	9.9	47	213	166	0	68.3	106.7	1053	0	2011
1070											
1290.0	2.0	10.0	43	213	169	0	.0	113.4	906	0	2016
1292.0	2.0	10.1	47	213	166	0	.0	114.0	920	0	2020
1294.0	2.0	10.2	45	213	168	0	.0	113.9	928	0	2025
1296.0	2.0	10.3	43	213	170	0	.0	114.4	951	0	2029
1298.0	2.0	10.4	44	213	169	0	.0	114.4	952	0	2033
1300.0	2.0	10.5	42	214	172	0	.0	112.8	921	0	2036
1302.0	2.0	10.7	41	214	173	0	.0	112.4	906	0	2037
1304.0	2.0	10.9	41	214	173	0	.0	112.6	917	0	2037
1306.0	2.0	11.0	43	214	171	0	.0	112.4	918	0	2037
1310.0	4.0	11.2	45	217	171	0	62.4	100.0	1808	0	2039
1091											
1312.0	2.0	11.4	49	218	169	0	87.4	84.1	2850	0	2043
1314.0	2.0	11.5	49	218	169	0	87.1	84.0	2839	0	2046
1316.0	2.0	11.6	49	218	169	0	84.7	84.6	2781	0	2049
1318.0	2.0	11.7	49	218	169	0	84.3	85.5	2806	0	2052
1320.0	2.0	11.8	48	221	173	0	60.8	81.0	1874	0	2055
1322.0	2.0	11.9	50	221	171	0	83.7	82.4	2675	0	2058
1324.0	2.0	12.0	52	221	169	0	84.5	84.0	2773	0	2062
1326.0	2.0	12.1	52	221	169	0	84.9	85.4	2804	0	2065
1328.0	2.0	12.2	48	220	172	0	84.8	84.7	2828	0	2068
1330.0	2.0	12.3	50	220	170	0	86.3	85.4	2851	0	2071
1111											
1332.0	2.0	12.4	50	220	170	0	86.2	85.5	2820	0	2074
1334.0	2.0	12.4	50	220	170	0	86.2	83.9	2824	0	2077
1336.0	2.0	12.5	50	220	170	0	86.3	83.9	2815	0	2080
1338.0	2.0	12.6	50	222	171	0	85.2	86.3	2864	0	2083
1340.0	2.0	12.7	53	223	170	0	86.0	83.4	2790	0	2087
1342.0	2.0	12.8	52	221	169	0	86.4	84.8	2826	0	2091
1344.0	2.0	12.9	50	220	170	0	86.4	85.1	2829	0	2095
1346.0	2.0	13.0	49	220	171	0	86.0	85.0	2818	0	2099
1348.0	2.0	13.1	48	219	172	0	86.9	84.8	2859	0	2102
1350.0	2.0	13.2	48	220	172	0	88.6	80.7	2805	0	2105
1131											
1352.0	2.0	13.3	49	221	172	0	88.6	80.8	2801	0	2108
1354.0	2.0	13.4	51	222	171	0	88.5	80.6	2819	0	2111
1356.0	2.0	13.5	50	222	171	0	88.4	82.4	2856	0	2117
1358.0	2.0	13.6	53	222	169	0	80.7	84.7	2657	0	2114
1360.0	2.0	13.7	54	222	168	0	75.6	88.7	2630	0	2116
1362.0	2.0	13.8	50	222	172	0	74.4	89.3	2591	0	2120
1364.0	2.0	13.9	51	222	171	0	73.4	89.5	2565	0	2125
1366.0	2.0	14.0	50	220	172	0	73.2	89.5	2578	0	2130
1368.0	2.0	14.1	46	218	173	0	71.6	91.2	2575	0	2134
1370.0	2.0	14.2	47	218	172	0	72.6	91.5	2609	0	2137
1151											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1151											
1372.0	2.0	14.4	46	218	172	0	73.1	91.0	2610	0	2140
1374.0	2.0	14.5	46	218	172	0	72.9	90.7	2613	0	2143
1375.0	1.0	14.6	46	218	173	0	73.1	91.4	2606	0	2145
NEW BIT ID: 4											
1378.0	.0	.2	28	215	186	0	93.4	.0	821	0	2141
1380.0	2.0	.3	35	215	180	0	113.3	.0	1324	0	2148
1382.0	2.0	.5	36	215	179	0	113.2	.0	1317	0	2154
1384.0	2.0	.6	36	215	179	0	113.3	.0	1309	0	2160
1386.0	2.0	.7	37	215	178	0	113.1	.2	1341	0	2159
1388.0	2.0	.8	40	215	175	0	87.9	70.6	2924	0	2157
1390.0	2.0	.9	41	215	174	0	81.5	78.2	2953	0	2164
1174											
1392.0	2.0	1.0	41	215	173	0	81.0	77.4	2935	0	2171
1394.0	2.0	1.1	42	215	173	0	80.9	76.8	2910	0	2177
1396.0	2.0	1.2	40	214	174	0	79.8	78.0	2933	0	2183
1398.0	2.0	1.3	41	214	173	0	79.0	80.6	2980	0	2185
1400.0	2.0	1.3	38	214	176	0	79.0	80.2	2975	0	2188
1402.0	2.0	1.4	43	214	171	0	78.6	80.1	2948	0	2191
1404.0	2.0	1.5	46	214	168	0	78.8	80.1	2927	0	2194
1406.0	2.0	1.6	42	208	167	0	84.0	75.7	2939	0	2196
1408.0	2.0	1.7	43	208	165	0	86.1	73.5	2947	0	2199
1410.0	2.0	1.8	44	208	165	0	86.4	73.5	2948	0	2201
1194											
1412.0	2.0	1.9	43	208	165	0	86.3	73.6	2944	0	2204
1414.0	2.0	2.0	43	208	165	0	86.2	73.6	2932	0	2210
1416.0	2.0	2.1	39	205	167	0	86.0	76.1	2867	0	2213
1418.0	2.0	2.1	38	205	167	0	84.5	76.3	2844	0	2217
1420.0	2.0	2.2	37	205	168	0	81.0	76.8	2844	0	2220
1422.0	2.0	2.3	38	205	168	0	80.8	76.5	2841	0	2224
1424.0	2.0	2.4	37	209	169	0	80.6	79.6	2551	0	2227
1426.0	2.0	2.5	41	214	173	0	6.5	100.7	1227	0	2231
1428.0	2.0	2.6	42	215	173	0	80.8	81.5	3047	0	2235
1430.0	2.0	2.7	44	215	171	0	80.7	81.3	3035	0	2237
1214											
1432.0	2.0	2.8	47	215	168	0	81.8	78.7	2969	0	2240
1434.0	2.0	2.9	45	216	171	0	77.1	79.2	2829	0	2235
1436.0	2.0	3.0	46	216	170	0	75.0	79.3	2824	0	2239
1438.0	2.0	3.1	46	216	170	0	75.2	79.7	2835	0	2243
1440.0	2.0	3.1	46	216	170	0	75.0	80.1	2855	0	2247
1442.0	2.0	3.2	48	216	169	0	75.7	80.1	2853	0	2253
1444.0	2.0	3.3	45	214	170	0	75.0	79.9	2832	0	2259
1446.0	2.0	3.4	44	214	170	0	75.0	79.4	2817	0	2264
1448.0	2.0	3.5	44	214	170	0	75.6	79.1	2812	0	2267
1450.0	2.0	3.6	44	214	169	0	75.2	79.0	2813	0	2270
1234											
1452.0	2.0	3.6	44	214	169	0	75.0	79.9	2837	0	2273
1454.0	2.0	3.7	45	216	171	0	73.6	80.2	2780	0	2271
1456.0	2.0	3.8	46	216	170	0	74.5	80.2	2828	0	2274
1458.0	2.0	3.9	45	216	171	0	75.1	80.0	2829	0	2277
1460.0	2.0	4.0	46	216	170	0	74.8	80.4	2808	0	2281
1462.0	2.0	4.1	43	215	172	0	75.1	80.2	2811	0	2284
1464.0	2.0	4.2	44	214	170	0	74.2	78.7	2762	0	2290

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1248											
1466.0	2.0	4.3	44	214	169	0	74.7	79.7	2804	0	2293
1468.0	2.0	4.3	44	214	169	0	74.7	79.8	2822	0	2296
1470.0	2.0	4.4	45	214	168	0	75.4	79.1	2837	0	2299
1472.0	2.0	4.5	44	213	169	0	75.2	80.0	2837	0	2302
1474.0	2.0	4.6	44	214	170	0	74.8	79.3	2820	0	2306
1476.0	2.0	4.7	45	216	171	0	75.1	79.0	2825	0	2310
1478.0	2.0	4.8	46	216	170	0	74.8	79.5	2848	0	2314
1480.0	2.0	4.9	45	216	171	0	74.9	79.7	2852	0	2318
1482.0	2.0	5.0	40	215	174	0	73.6	81.1	2877	0	2319
1484.0	2.0	5.1	44	216	172	0	73.2	81.4	2852	0	2321
1268											
1486.0	2.0	5.2	46	216	170	0	73.8	79.9	2812	0	2323
1488.0	2.0	5.2	44	216	172	0	74.4	79.7	2817	0	2325
1490.0	2.0	5.3	49	216	167	0	74.5	79.6	2807	0	2327
1492.0	2.0	5.4	46	218	171	0	76.2	79.0	2875	0	2332
1494.0	2.0	5.5	49	221	172	0	75.9	78.7	2852	0	2336
1496.0	2.0	5.6	50	221	171	0	75.7	78.6	2838	0	2340
1498.0	2.0	5.6	52	221	169	0	75.6	79.6	2857	0	2343
1500.0	2.0	5.7	51	220	170	0	74.8	79.6	2838	0	2344
1502.0	2.0	5.8	47	219	173	0	76.6	78.2	2849	0	2346
1504.0	2.0	5.9	49	221	171	0	75.7	79.2	2846	0	2349
1288											
1506.0	2.0	6.0	50	221	171	0	75.1	79.0	2833	0	2353
1508.0	2.0	6.1	48	221	173	0	75.4	79.1	2838	0	2357
1510.0	2.0	6.2	46	219	173	0	74.0	78.6	2800	0	2360
1512.0	2.0	6.2	48	221	172	0	75.6	78.5	2842	0	2365
1514.0	2.0	6.3	51	221	170	0	76.3	78.3	2867	0	2370
1516.0	2.0	6.4	50	221	171	0	75.7	79.5	2836	0	2373
1518.0	2.0	6.4	50	221	171	0	75.4	78.9	2841	0	2377
1520.0	2.0	6.5	47	219	172	0	76.3	78.8	2857	0	2380
1522.0	2.0	6.6	49	222	172	0	74.2	80.3	2851	0	2383
1524.0	2.0	6.7	50	222	172	0	74.1	80.5	2849	0	2387
1308											
1526.0	2.0	6.7	50	222	172	0	74.0	79.9	2836	0	2391
1528.0	2.0	6.8	50	222	172	0	74.1	79.6	2822	0	2393
1530.0	2.0	6.9	47	222	174	0	74.4	79.9	2831	0	2393
1532.0	2.0	7.0	48	222	174	0	75.0	79.2	2836	0	2397
1534.0	2.0	7.0	49	223	174	0	74.4	79.5	2813	0	2403
1536.0	2.0	7.1	50	223	173	0	75.0	78.7	2834	0	2407
1538.0	2.0	7.2	49	220	174	0	75.4	79.5	2844	0	2409
1540.0	2.0	7.3	41	216	175	0	73.6	80.3	2835	0	2411
1542.0	2.0	7.3	45	226	176	0	74.1	80.1	2832	0	2416
1544.0	2.0	7.4	50	226	176	0	74.3	80.2	2833	0	2421
1328											
1546.0	2.0	7.5	50	226	176	0	74.5	80.4	2824	0	2425
1548.0	2.0	7.5	47	224	177	0	74.7	79.9	2838	0	2425
1550.0	2.0	7.6	52	226	173	0	76.6	79.3	2851	0	2427
1552.0	2.0	7.7	53	226	173	0	74.6	80.3	2826	0	2432
1554.0	2.0	7.7	54	226	172	0	73.9	81.3	2833	0	2435
1556.0	2.0	7.8	53	226	173	0	74.0	80.8	2811	0	2438
1558.0	2.0	7.9	46	221	177	0	73.1	80.1	2784	0	2435
1560.0	2.0	8.0	44	221	176	0	75.3	80.3	2850	0	2440
1562.0	2.0	8.1	44	221	177	0	75.5	80.3	2856	0	2444
1564.0	2.0	8.2	44	221	177	0	75.7	79.4	2849	0	2446
1348											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1348											
1566.0	2.0	8.3	46	223	176	0	75.7	79.5	2851	0	2449
1568.0	2.0	8.3	44	221	178	0	73.8	80.6	2838	0	2452
1570.0	2.0	8.4	48	226	176	0	75.0	80.5	2881	0	2457
1572.0	2.0	8.5	49	226	177	0	75.1	80.6	2880	0	2461
1574.0	2.0	8.6	49	226	177	0	75.9	79.4	2857	0	2465
1576.0	2.0	8.6	50	226	176	0	75.8	79.3	2855	0	2468
1578.0	2.0	8.7	47	226	179	0	72.8	81.9	2837	0	2469
1580.0	2.0	8.8	49	226	177	0	73.6	81.6	2856	0	2475
1582.0	2.0	8.9	50	226	176	0	74.6	80.6	2857	0	2478
1584.0	2.0	9.0	50	226	176	0	75.0	80.4	2874	0	2482
1368											
1586.0	2.0	9.0	49	224	177	0	74.6	80.5	2840	0	2483
1588.0	2.0	9.1	47	227	179	0	70.6	81.9	2802	0	2486
1590.0	2.0	9.2	46	227	181	0	76.2	80.9	2940	0	2491
1592.0	2.0	9.3	48	227	179	0	75.1	79.9	2867	0	2495
1594.0	2.0	9.4	47	227	180	0	76.2	79.7	2875	0	2498
1596.0	2.0	9.4	44	225	181	0	71.3	80.4	2740	0	2499
1598.0	2.0	9.5	43	223	179	0	71.4	80.9	2756	0	2502
1600.0	2.0	9.6	47	225	177	0	74.8	80.5	2867	0	2508
1602.0	2.0	9.7	51	228	177	0	76.0	80.1	2876	0	2512
1604.0	2.0	9.8	50	228	178	0	75.3	80.0	2875	0	2515
1388											
1606.0	2.0	9.8	44	225	181	0	73.8	81.1	2845	0	2517
1608.0	2.0	9.9	50	228	177	0	73.2	83.3	2869	0	2519
1610.0	2.0	10.0	51	228	177	0	75.7	79.6	2869	0	2524
1612.0	2.0	10.1	52	228	176	0	76.4	78.8	2878	0	2526
1616.0	4.0	10.2	46	220	176	0	75.3	80.5	2860	0	2529
1618.0	2.0	10.3	51	228	176	0	74.7	81.1	2838	0	2534
1620.0	2.0	10.4	53	228	175	0	77.1	80.8	2898	0	2539
1622.0	2.0	10.5	54	228	174	0	77.2	80.9	2900	0	2542
1624.0	2.0	10.6	49	223	177	0	76.9	79.5	2832	0	2543
1626.0	2.0	10.7	41	217	176	0	75.5	80.9	2869	0	2545
1409											
1628.0	2.0	10.8	41	217	177	0	76.2	81.3	2895	0	2548
1630.0	2.0	10.8	40	217	177	0	76.5	81.0	2904	0	2551
1632.0	2.0	10.9	38	217	179	0	76.6	81.5	2920	0	2555
1634.0	2.0	11.0	41	224	178	0	74.9	81.2	2848	0	2556
1636.0	2.0	11.1	42	221	179	0	78.0	80.8	2926	0	2559
1638.0	2.0	11.2	44	221	176	0	77.9	81.2	2936	0	2563
1640.0	2.0	11.2	44	221	176	0	78.1	81.1	2939	0	2566
1642.0	2.0	11.3	46	224	176	0	77.7	81.5	2931	0	2569
1644.0	2.0	11.4	47	224	177	0	76.1	81.9	2907	0	2568
1646.0	2.0	11.5	51	226	175	0	76.7	82.3	2926	0	2574
1429											
1648.0	2.0	11.6	51	226	175	0	76.2	82.4	2936	0	2579
1650.0	2.0	11.6	50	226	176	0	77.0	82.9	2943	0	2582
1652.0	2.0	11.7	48	227	178	0	77.3	80.8	2899	0	2584
1654.0	2.0	11.8	50	227	177	0	76.7	77.6	2928	0	2586
1656.0	2.0	11.8	49	227	178	0	75.3	73.5	2885	0	2591
1658.0	2.0	11.9	49	228	178	0	75.1	73.9	2893	0	2596
1660.0	2.0	12.0	50	228	178	0	75.3	73.5	2895	0	2601
1664.0	4.0	12.0	50	228	181	0	75.1	74.5	2912	0	2607
1666.0	2.0	12.1	52	228	176	0	72.0	77.6	2863	0	2614
1668.0	2.0	12.2	50	228	178	0	71.4	77.8	2904	0	2619
1450											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1450											
1670.0	2.0	12.2	50	228	178	0	71.2	78.4	2899	0	2624
1672.0	2.0	12.3	48	228	180	0	71.0	78.6	2682	0	2626
1674.0	2.0	12.4	46	228	182	0	.0	100.7	1173	0	2629
1676.0	2.0	12.4	47	229	181	0	.1	113.7	1602	0	2634
1678.0	2.0	12.5	50	229	179	0	70.0	77.4	2874	0	2637
1680.0	2.0	12.6	52	229	177	0	74.7	74.7	2933	0	2640
1682.0	2.0	12.6	48	225	178	0	74.6	74.4	2898	0	2640
1684.0	2.0	12.7	50	229	179	0	75.5	71.8	2845	0	2639
1686.0	2.0	12.7	50	229	179	0	74.9	72.1	2837	0	2642
1688.0	2.0	12.8	51	229	178	0	74.4	71.8	2822	0	2648
1470											
1690.0	2.0	12.9	50	229	179	0	74.4	71.7	2815	0	2654
1692.0	2.0	13.0	44	220	179	0	75.8	69.1	2753	0	2645
1694.0	2.0	13.0	43	220	178	0	76.4	67.4	2711	0	2651
1696.0	2.0	13.1	42	220	179	0	76.1	66.8	2709	0	2657
1698.0	2.0	13.1	44	220	177	0	76.8	66.9	2722	0	2661
1700.0	2.0	13.2	44	225	179	0	76.2	67.1	2715	0	2664
1702.0	2.0	13.3	42	225	184	0	70.7	73.7	2762	0	2661
1704.0	2.0	13.3	47	230	183	0	69.5	74.6	2757	0	2666
1706.0	2.0	13.4	48	230	182	0	69.6	74.6	2761	0	2671
1708.0	2.0	13.5	50	230	180	0	69.4	75.0	2754	0	2676
1490											
1710.0	2.0	13.6	48	229	182	0	69.6	74.1	2762	0	2677
1712.0	2.0	13.7	45	227	182	0	75.1	70.9	2836	0	2676
1714.0	2.0	13.7	45	227	182	0	75.1	70.6	2843	0	2681
1716.0	2.0	13.8	45	227	182	0	74.9	70.1	2829	0	2687
1718.0	2.0	13.8	45	227	182	0	75.3	70.3	2825	0	2691
1720.0	2.0	13.9	43	226	183	0	73.2	71.5	2806	0	2689
1722.0	2.0	14.0	46	228	182	0	70.6	75.8	2875	0	2693
1724.0	2.0	14.0	47	230	183	0	70.8	76.1	2863	0	2699
1726.0	2.0	14.1	48	230	182	0	70.2	75.9	2870	0	2704
1728.0	2.0	14.1	49	230	181	0	70.6	76.1	2901	0	2710
1510											
1730.0	2.0	14.2	45	226	181	0	70.8	72.4	2737	0	2709
1732.0	2.0	14.3	45	228	183	0	70.7	70.9	2676	0	2713
1734.0	2.0	14.3	49	231	182	0	70.4	70.8	2673	0	2718
1736.0	2.0	14.4	50	231	181	0	70.0	71.2	2677	0	2725
1738.0	2.0	14.4	48	229	182	0	70.1	71.6	2698	0	2729
1740.0	2.0	14.5	46	228	182	0	68.7	73.1	2723	0	2731
1742.0	2.0	14.6	46	228	182	0	68.6	73.5	2710	0	2735
1744.0	2.0	14.6	47	228	181	0	68.1	73.5	2716	0	2739
1746.0	2.0	14.7	48	231	181	0	68.2	73.0	2721	0	2742
1748.0	2.0	14.7	46	231	184	0	67.6	73.9	2720	0	2746
1530											
1750.0	2.0	14.8	47	227	181	0	68.4	79.0	2971	0	2748
1752.0	2.0	14.8	46	227	181	0	69.1	80.3	3033	0	2751
1754.0	2.0	14.9	47	227	180	0	69.3	80.1	3035	0	2753
1756.0	2.0	15.0	46	227	181	0	68.8	80.7	3025	0	2757
1758.0	2.0	15.0	45	226	181	0	69.0	80.4	3041	0	2758
1760.0	2.0	15.1	45	226	181	0	64.6	84.0	2781	0	2757
1762.0	2.0	15.2	43	226	183	0	53.5	118.7	1754	0	2760
1764.0	2.0	15.2	43	226	183	0	44.6	113.9	1608	0	2764
1766.0	2.0	15.3	40	226	186	0	.0	113.7	1618	0	2771
1768.0	2.0	15.4	39	227	188	0	.0	115.7	1692	0	2773
1550											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1550											
1770.0	2.0	15.4	40	227	187	0	.3	116.7	1766	0	2777
1772.0	2.0	15.5	45	229	183	0	73.8	71.3	2923	0	2781
1774.0	2.0	15.6	47	229	182	0	76.7	70.7	2975	0	2785
1776.0	2.0	15.6	47	229	182	0	77.1	70.8	2982	0	2790
1778.0	2.0	15.7	45	228	183	0	76.0	73.3	3060	0	2792
1780.0	2.0	15.7	48	228	180	0	76.1	73.9	3086	0	2796
1782.0	2.0	15.8	47	228	181	0	75.9	74.1	3088	0	2800
1784.0	2.0	15.8	47	228	181	0	75.6	74.1	3081	0	2802
1786.0	2.0	15.9	45	227	183	0	75.6	74.1	3052	0	2804
1788.0	2.0	16.0	38	229	191	0	73.0	68.6	2807	0	2804
1570											
1790.0	2.0	16.0	36	229	193	0	72.2	76.1	3049	0	2807
1792.0	2.0	16.1	36	229	193	0	72.5	76.5	3046	0	2811
1794.0	2.0	16.2	35	229	194	0	72.8	76.5	3056	0	2817
1798.0	4.0	16.3	33	230	196	0	72.6	75.8	3032	0	2817
1800.0	2.0	16.4	39	230	191	0	72.5	74.7	2995	0	2821
1802.0	2.0	16.5	39	230	191	0	72.8	74.9	3010	0	2825
1804.0	2.0	16.6	37	230	193	0	72.8	74.3	3033	0	2828
1806.0	2.0	16.7	38	230	191	0	73.1	74.2	3033	0	2826
1808.0	2.0	16.7	36	230	193	0	75.0	72.5	3045	0	2826
1810.0	2.0	16.8	35	230	194	0	75.0	72.8	3043	0	2831
1591											
1812.0	2.0	16.9	39	235	195	0	75.0	72.8	3046	0	2836
1814.0	2.0	17.0	39	235	196	0	74.8	72.6	3047	0	2840
1816.0	2.0	17.1	36	232	197	0	73.7	73.9	3064	0	2840
1818.0	2.0	17.2	39	229	191	0	74.2	80.6	3101	0	2843
1820.0	2.0	17.2	42	232	190	0	76.0	81.7	3107	0	2849
1822.0	2.0	17.3	42	232	190	0	76.0	81.4	3094	0	2854
1824.0	2.0	17.3	42	232	190	0	76.3	81.6	3101	0	2857
1826.0	2.0	17.4	39	228	191	0	78.8	78.0	3060	0	2857
1828.0	2.0	17.5	42	234	192	0	81.5	73.9	3028	0	2861
1830.0	2.0	17.5	42	234	192	0	81.9	73.5	3041	0	2865
1611											
1832.0	2.0	17.6	44	234	190	0	81.9	73.5	3034	0	2872
1834.0	2.0	17.7	44	234	190	0	82.0	73.7	3039	0	2877
1836.0	2.0	17.7	45	235	189	0	80.0	75.5	3046	0	2876
1838.0	2.0	17.8	45	235	190	0	79.9	76.0	3055	0	2879
1840.0	2.0	17.9	43	235	192	0	80.2	76.0	3072	0	2883
1842.0	2.0	18.0	43	235	192	0	80.7	76.2	3077	0	2888
1844.0	2.0	18.0	42	234	192	0	80.0	76.2	3074	0	2888
1846.0	2.0	18.1	45	235	190	0	77.1	77.7	2998	0	2888
1848.0	2.0	18.2	42	235	193	0	77.5	78.1	3038	0	2892
1850.0	2.0	18.2	44	235	191	0	78.0	78.0	3031	0	2898
1631											
1852.0	2.0	18.3	45	235	190	0	77.9	78.3	3020	0	2904
1854.0	2.0	18.4	46	232	189	0	77.5	78.2	2993	0	2904
1856.0	2.0	18.4	39	229	190	0	76.3	79.8	2999	0	2904
1858.0	2.0	18.5	38	229	191	0	77.1	79.1	3016	0	2910
1860.0	2.0	18.6	42	236	192	0	77.3	78.7	3026	0	2915
1862.0	2.0	18.6	45	236	191	0	76.9	79.2	3024	0	2917
1864.0	2.0	18.7	43	236	193	0	75.8	80.6	3019	0	2917
1866.0	2.0	18.8	44	236	192	0	73.4	83.5	3020	0	2918
1868.0	2.0	18.8	42	236	194	0	74.1	82.7	3056	0	2924
1870.0	2.0	18.9	40	236	196	0	73.7	83.0	3080	0	2930
1651											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1651											
1872.0	2.0	19.0	40	236	196	0	74.1	83.2	3088	0	2936
1874.0	2.0	19.0	38	234	197	0	74.7	80.2	3021	0	2936
1876.0	2.0	19.1	39	234	196	0	75.6	77.0	2961	0	2939
1878.0	2.0	19.1	39	234	196	0	76.1	77.2	2972	0	2943
1880.0	2.0	19.2	40	234	194	0	76.3	76.8	2965	0	2946
1882.0	2.0	19.3	40	234	194	0	76.3	76.7	2961	0	2952
1884.0	2.0	19.3	40	237	196	0	78.0	75.3	2966	0	2953
1886.0	2.0	19.4	41	237	196	0	80.1	73.7	2984	0	2956
1888.0	2.0	19.5	42	237	195	0	81.2	72.7	2988	0	2959
1890.0	2.0	19.5	41	237	196	0	81.2	73.0	2994	0	2964
1671											
1892.0	2.0	19.6	41	239	196	0	80.8	73.3	2995	0	2965
1894.0	2.0	19.7	44	240	196	0	78.6	74.7	2967	0	2966
1896.0	2.0	19.8	44	240	196	0	78.6	74.5	2969	0	2968
1898.0	2.0	19.9	44	240	196	0	78.7	74.3	2980	0	2974
1900.0	2.0	19.9	44	240	196	0	79.1	74.1	2975	0	2980
1902.0	2.0	20.0	41	239	198	0	75.1	79.4	3032	0	2978
1904.0	2.0	20.1	44	239	195	0	74.4	77.5	2902	0	2981
1906.0	2.0	20.2	46	239	193	0	74.9	75.3	2843	0	2986
1908.0	2.0	20.2	45	239	194	0	75.0	75.2	2856	0	2991
1910.0	2.0	20.3	45	239	194	0	75.3	75.2	2864	0	2996
1691											
1912.0	2.0	20.4	41	243	199	0	72.7	76.7	2834	0	2994
1914.0	2.0	20.4	46	243	197	0	70.2	78.7	2797	0	2997
1916.0	2.0	20.5	46	243	197	0	70.9	78.6	2814	0	3000
1918.0	2.0	20.6	48	243	195	0	70.9	78.4	2807	0	3006
1920.0	2.0	20.6	48	243	195	0	71.3	78.1	2820	0	3012
1922.0	2.0	20.7	44	240	197	0	71.5	79.2	2899	0	3013
1924.0	2.0	20.8	39	239	199	0	72.2	81.2	2997	0	3013
1926.0	2.0	20.9	43	240	197	0	71.8	80.9	2972	0	3016
1928.0	2.0	21.0	43	240	197	0	71.2	81.3	2969	0	3021
1930.0	2.0	21.0	42	240	198	0	71.0	81.2	2969	0	3025

NEW BIT ID: 5

1714											
1932.0	2.0	.1	45	250	202	0	54.0	107.7	1488	0	3017
1934.0	2.0	.3	48	250	202	0	.0	117.0	1830	0	3023
1936.0	2.0	.4	47	250	203	0	.0	117.2	1835	0	3029
1938.0	2.0	.5	47	250	203	0	.0	120.3	1835	0	3036
1940.0	2.0	.6	48	250	202	0	.0	112.0	1779	0	3041
1942.0	2.0	.7	44	250	206	0	.0	121.8	1770	0	3048
1944.0	2.0	.8	46	250	204	0	.0	117.5	1775	0	3053
1946.0	2.0	.9	46	250	204	0	.0	115.0	1750	0	3061
1948.0	2.0	1.0	45	250	205	0	.0	115.0	1743	0	3066
1950.0	2.0	1.1	44	250	206	0	.0	115.0	1724	0	3068
1733											
1952.0	2.0	1.2	46	250	204	0	.0	115.0	1800	0	3071
1954.0	2.0	1.3	46	250	204	0	.0	115.0	1807	0	3073
1956.0	2.0	1.4	46	250	204	0	.0	115.0	1803	0	3077
1958.0	2.0	1.5	45	250	205	0	.0	115.0	1794	0	3081
1960.0	2.0	1.6	45	252	207	0	36.0	97.0	2280	0	3079
1962.0	2.0	1.7	45	252	210	0	65.9	60.0	2960	0	3081
1964.0	2.0	1.8	45	252	209	0	72.2	79.3	2947	0	3084
1966.0	2.0	1.9	45	252	210	0	71.5	79.7	2980	0	3088
1968.0	2.0	2.0	45	252	210	0	71.2	81.2	2989	0	3091
1970.0	2.0	2.1	45	252	210	0	71.1	81.6	2997	0	3094
1752											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	1752										
1972.0	2.0	2.2	49	252	203	0	70.9	81.5	2999	0	3098
1974.0	2.0	2.3	52	252	200	0	71.0	81.8	2992	0	3103
1976.0	2.0	2.3	51	252	201	0	71.0	81.6	2995	0	3108
1978.0	2.0	2.4	53	252	199	0	70.8	81.9	2993	0	3112
1980.0	2.0	2.5	53	252	199	0	70.1	82.7	3020	0	3118
1982.0	2.0	2.5	57	252	195	0	70.5	81.8	2985	0	3124
1984.0	2.0	2.6	54	252	198	0	69.7	81.9	2963	0	3130
1986.0	2.0	2.6	56	252	196	0	70.6	81.1	2976	0	3136
1988.0	2.0	2.7	55	252	197	0	70.9	80.9	2967	0	3142
1990.0	2.0	2.8	56	252	196	0	69.9	81.4	2914	0	3145
	1772										
1992.0	2.0	2.9	58	251	194	0	70.1	81.0	2914	0	3150
1994.0	2.0	2.9	56	250	194	0	72.8	80.2	2996	0	3155
1996.0	2.0	3.0	55	250	195	0	73.0	80.4	3021	0	3161
1998.0	2.0	3.1	53	250	197	0	70.6	80.6	2964	0	3160
2000.0	2.0	3.1	53	250	197	0	71.4	79.8	2946	0	3163
2002.0	2.0	3.2	52	248	196	0	71.8	79.9	2943	0	3166
2004.0	2.0	3.3	52	248	196	0	71.7	79.0	2926	0	3169
2008.0	4.0	3.4	50	247	197	0	71.5	79.9	2941	0	3174
2010.0	2.0	3.5	48	247	199	0	70.2	81.4	3001	0	3178
2012.0	2.0	3.6	49	247	198	0	70.8	81.1	3028	0	3182
	1790										
2014.0	2.0	3.7	49	247	198	0	71.2	81.3	3012	0	3187
2016.0	2.0	3.7	48	247	199	0	72.4	78.8	2978	0	3191
2018.0	2.0	3.8	49	247	198	0	66.9	83.6	2952	0	3192
2020.0	2.0	3.9	49	250	199	0	67.3	83.9	2951	0	3196
2022.0	2.0	3.9	51	250	199	0	67.4	83.3	2934	0	3199
2024.0	2.0	4.0	51	250	199	0	67.1	82.6	2930	0	3203
2026.0	2.0	4.1	50	250	199	0	67.1	83.5	2932	0	3207
2028.0	2.0	4.1	51	250	199	0	72.2	78.8	2949	0	3210
2030.0	2.0	4.2	51	250	199	0	71.9	78.1	2935	0	3212
2032.0	2.0	4.3	52	250	198	0	71.9	77.9	2921	0	3213
	1809										
2034.0	2.0	4.4	51	250	199	0	71.7	78.1	2921	0	3217
2036.0	2.0	4.4	50	251	200	0	70.3	78.9	2920	0	3220
2038.0	2.0	4.5	52	251	199	0	78.4	71.8	2968	0	3221
2040.0	2.0	4.6	53	251	198	0	78.2	71.6	2961	0	3224
2042.0	2.0	4.7	53	251	198	0	77.7	71.1	2946	0	3228
2044.0	2.0	4.8	52	251	199	0	77.9	71.6	2932	0	3233
2046.0	2.0	4.8	52	251	199	0	76.5	75.0	3030	0	3228
2048.0	2.0	4.9	53	251	198	0	75.7	76.0	3063	0	3232
2050.0	2.0	5.0	54	251	197	0	75.7	76.3	3062	0	3237
2052.0	2.0	5.0	54	251	197	0	75.4	76.6	3047	0	3242
	1829										
2054.0	2.0	5.1	51	252	199	0	75.4	76.0	3037	0	3246
2056.0	2.0	5.2	53	252	199	0	79.9	71.7	3049	0	3247
2058.0	2.0	5.2	54	252	198	0	80.2	71.2	3066	0	3251
2060.0	2.0	5.3	50	249	200	0	80.4	70.8	3079	0	3255
2062.0	2.0	5.3	47	249	202	0	80.0	71.0	3087	0	3261
2064.0	2.0	5.4	45	249	203	0	79.0	72.0	3080	0	3266
2066.0	2.0	5.5	46	249	203	0	76.4	75.5	3097	0	3270
2068.0	2.0	5.5	45	249	204	0	76.7	74.2	3070	0	3274
2070.0	2.0	5.6	46	249	203	0	77.0	74.4	3076	0	3278
2072.0	2.0	5.6	48	249	201	0	76.8	73.9	3060	0	3282
	1849										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1849											
2074.0	2.0	5.7	46	247	203	0	79.7	71.9	3087	0	3284
2076.0	2.0	5.7	46	249	203	0	83.7	69.1	3115	0	3287
2078.0	2.0	5.8	46	249	203	0	83.0	68.9	3088	0	3292
2080.0	2.0	5.8	47	249	202	0	83.1	69.2	3061	0	3295
2082.0	2.0	5.9	46	249	203	0	82.5	68.4	3034	0	3299
2084.0	2.0	5.9	45	247	203	0	79.4	71.0	3039	0	3301
2086.0	2.0	6.0	46	250	204	0	77.9	73.3	3021	0	3305
2088.0	2.0	6.1	45	250	205	0	78.9	72.3	3053	0	3308
2090.0	2.0	6.1	46	250	204	0	78.9	72.9	2981	0	3313
2092.0	2.0	6.2	46	250	204	0	70.2	74.6	3028	0	3321
1869											
2094.0	2.0	6.2	45	250	205	0	79.6	70.2	3019	0	3330
2096.0	2.0	6.3	45	250	205	0	78.7	71.8	3049	0	3339
2098.0	2.0	6.3	45	250	205	0	76.9	72.1	2982	0	3346
2100.0	2.0	6.4	45	250	205	0	76.8	72.1	2978	0	3352
2102.0	2.0	6.5	45	250	205	0	76.7	72.7	2979	0	3359
2104.0	2.0	6.5	40	247	208	0	77.7	71.7	3017	0	3366
2106.0	2.0	6.6	45	251	206	0	73.8	77.0	3018	0	3374
2108.0	2.0	6.7	46	251	205	0	71.5	76.2	2951	0	3381
2110.0	2.0	6.7	46	251	205	0	68.2	73.7	2612	0	3389
2112.0	2.0	6.8	47	251	204	0	69.2	74.3	2763	0	3396
1883											
2114.0	2.0	6.8	48	251	203	0	68.8	74.1	2740	0	3402
2116.0	2.0	6.9	46	252	206	0	70.5	77.9	2959	0	3359
2118.0	2.0	7.0	46	252	206	0	68.8	76.4	2847	0	3364
2120.0	2.0	7.0	42	252	210	0	70.0	77.6	2969	0	3370
2122.0	2.0	7.1	45	252	207	0	70.9	79.7	3041	0	3377
2124.0	2.0	7.2	45	252	207	0	72.0	80.2	3101	0	3384
2126.0	2.0	7.2	42	250	209	0	71.6	81.1	3116	0	3395
2128.0	2.0	7.3	44	253	207	0	70.4	82.7	3130	0	3403
2130.0	2.0	7.4	46	253	207	0	69.9	81.3	3121	0	3411
2132.0	2.0	7.5	47	253	206	0	70.4	81.0	3125	0	3420
1893											
2134.0	2.0	7.6	46	253	207	0	70.4	80.6	3114	0	3429
2136.0	2.0	7.7	45	253	208	0	70.5	81.0	3107	0	3438
2138.0	2.0	7.7	46	253	207	0	69.4	81.1	3063	0	3445
2140.0	2.0	7.8	45	251	208	0	69.2	80.9	3022	0	3460
2142.0	2.0	7.9	44	253	208	0	77.1	67.3	2835	0	3478
2144.0	2.0	8.0	45	253	208	0	77.1	66.9	2871	0	3486
2146.0	2.0	8.0	45	253	208	0	77.6	67.2	2881	0	3490
2148.0	2.0	8.1	44	253	209	0	77.7	66.9	2896	0	3497
2150.0	2.0	8.2	42	254	211	0	76.8	67.1	2906	0	3500
2152.0	2.0	8.3	45	256	211	0	74.3	69.1	2896	0	3502
1911											
2154.0	2.0	8.4	40	256	216	0	74.2	68.8	2894	0	3510
2156.0	2.0	8.5	40	256	216	0	74.5	68.7	2884	0	3516
2158.0	2.0	8.6	40	256	216	0	74.4	68.7	2894	0	3523
2160.0	2.0	8.7	44	257	212	0	72.7	65.9	2934	0	3521
2162.0	2.0	8.8	43	257	214	0	73.1	65.8	2933	0	3524
2164.0	2.0	8.9	44	257	213	0	73.7	64.9	2926	0	3529
2166.0	2.0	9.0	46	257	211	0	73.7	64.5	2925	0	3535
2168.0	2.0	9.1	48	257	209	0	73.9	65.2	2925	0	3540
2170.0	2.0	9.1	42	246	210	0	73.5	67.6	3002	0	3541
2172.0	2.0	9.2	45	255	209	0	73.9	68.8	3056	0	3545
1931											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1931											
2174.0	2.0	9.2	44	255	211	0	73.6	68.6	3054	0	3550
2176.0	2.0	9.3	45	255	210	0	73.6	69.1	3018	0	3556
2178.0	2.0	9.4	48	255	207	0	73.9	69.2	2996	0	3563
2180.0	2.0	9.4	45	250	207	0	71.7	72.5	3050	0	3568
2182.0	2.0	9.5	44	250	206	0	70.3	74.9	3086	0	3571
2184.0	2.0	9.6	43	253	207	0	70.3	75.0	3081	0	3574
2186.0	2.0	9.7	48	256	208	0	69.9	74.6	3076	0	3577
2188.0	2.0	9.8	47	252	209	0	69.6	75.2	3069	0	3579
2190.0	2.0	9.8	47	256	208	0	70.4	73.3	3040	0	3582
2192.0	2.0	9.9	47	256	209	0	70.7	72.9	3034	0	3586
1951											
2194.0	2.0	10.0	49	256	207	0	70.7	73.0	3030	0	3588
2196.0	2.0	10.1	49	256	207	0	70.5	72.8	3022	0	3590
2198.0	2.0	10.2	48	255	208	0	70.4	73.3	3025	0	3588
2200.0	2.0	10.2	47	256	208	0	75.6	67.7	3025	0	3586
2202.0	2.0	10.4	48	256	208	0	75.0	67.4	3028	0	3593
2204.0	2.0	10.5	48	256	208	0	76.2	67.6	3027	0	3598
2206.0	2.0	10.6	46	256	209	0	74.0	70.2	3024	0	3597
2208.0	2.0	10.7	48	255	207	0	73.1	70.6	2945	0	3601
2210.0	2.0	10.7	45	255	215	0	72.8	70.8	2974	0	3607
2212.0	2.0	10.8	45	255	214	0	72.7	71.2	2966	0	3608
1966											
2214.0	2.0	10.9	45	255	212	0	73.0	71.1	2943	0	3613
2216.0	2.0	11.0	45	255	215	0	72.3	70.7	2959	0	3619
2218.0	2.0	11.0	45	256	220	0	73.9	69.5	3011	0	3625
2220.0	2.0	11.1	45	257	218	0	76.5	66.6	2998	0	3632
2222.0	2.0	11.2	45	257	217	0	77.0	67.4	2986	0	3635
2224.0	2.0	11.3	45	257	216	0	76.8	66.8	2981	0	3636
2226.0	2.0	11.4	45	257	217	0	76.4	67.2	2983	0	3640
2228.0	2.0	11.5	45	259	217	0	74.8	70.4	3017	0	3635
2230.0	2.0	11.5	45	259	218	0	74.1	71.2	3024	0	3639
2232.0	2.0	11.6	45	260	217	0	74.1	70.9	3028	0	3643
1985											
2234.0	2.0	11.7	45	260	218	0	73.6	70.1	3014	0	3648
2236.0	2.0	11.8	45	258	221	0	72.6	72.3	3015	0	3651
2238.0	2.0	11.9	45	257	219	0	67.0	78.4	3038	0	3654
2240.0	2.0	12.0	45	257	221	0	75.3	69.2	3023	0	3658
2242.0	2.0	12.0	45	262	218	0	75.4	70.1	3032	0	3663
2244.0	2.0	12.1	46	262	216	0	74.9	70.8	2816	0	3667
2246.0	2.0	12.2	44	262	217	0	74.3	71.3	3010	0	3672
2248.0	2.0	12.3	50	262	212	0	71.8	72.9	2977	0	3676
2250.0	2.0	12.3	51	262	211	0	71.4	73.1	2953	0	3681
2252.0	2.0	12.4	51	262	211	0	71.8	72.6	2942	0	3685
2004											
2254.0	2.0	12.5	52	262	210	0	71.6	73.4	2949	0	3689
2256.0	2.0	12.6	48	256	212	0	71.9	73.5	2917	0	3692
2258.0	2.0	12.6	40	250	211	0	71.2	73.7	2955	0	3694
2260.0	2.0	12.7	49	260	210	0	71.8	73.7	2977	0	3697
2262.0	2.0	12.8	47	258	211	0	72.3	73.1	3010	0	3699
2264.0	2.0	13.0	48	259	209	0	67.8	67.1	2905	0	3695
2266.0	2.0	13.2	49	260	211	0	63.0	72.4	2982	0	3690
2268.0	2.0	13.3	46	260	214	0	65.9	71.0	2929	0	3691
2270.0	2.0	13.4	49	260	211	0	66.5	72.5	2924	0	3696
2272.0	2.0	13.5	49	260	211	0	66.9	72.8	2952	0	3698
2024											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2024											
2276.0	4.0	13.6	48	260	212	0	67.7	72.5	2949	0	3704
2278.0	2.0	13.7	48	260	212	0	74.5	69.6	2961	0	3710
2280.0	2.0	13.8	50	260	210	0	77.2	73.4	2994	0	3715
2282.0	2.0	13.9	50	260	210	0	77.3	74.0	2993	0	3721
2284.0	2.0	14.0	51	251	209	0	77.8	72.4	3000	0	3712
2286.0	2.0	14.1	48	250	201	0	73.9	73.0	2846	0	3704
2288.0	2.0	14.2	48	250	202	0	76:5	73.0	2880	0	3711
2290.0	2.0	14.3	47	250	203	0	76.9	73.0	2883	0	3717
2292.0	2.0	14.4	47	250	203	0	76.6	73.0	2889	0	3723
2294.0	2.0	14.5	46	250	204	0	75.2	73.0	2891	0	3730
2044											
2296.0	2.0	14.6	46	250	204	0	73.5	73.0	2874	0	3736
2298.0	2.0	14.7	49	250	201	0	73.8	73.0	2888	0	3743
2300.0	2.0	14.8	50	250	200	0	73.4	73.0	2874	0	3750
2302.0	2.0	14.9	49	250	201	0	74.8	73.0	2890	0	3758
2304.0	2.0	15.0	40	249	208	0	65.2	73.0	2873	0	3754
2306.0	2.0	15.1	44	252	208	0	69.3	73.0	2622	0	3739
2308.0	2.0	15.2	47	253	205	0	75.3	76.1	2989	0	3745
2310.0	2.0	15.3	47	253	206	0	75.5	76.7	2981	0	3750
2312.0	2.0	15.4	46	253	207	0	75.3	76.4	2978	0	3755
2314.0	2.0	15.5	43	253	210	0	75.5	74.2	2915	0	3760
2064											
2316.0	2.0	15.6	44	253	209	0	77.7	73.0	2962	0	3766
2318.0	2.0	15.7	42	253	211	0	78.6	72.6	2976	0	3773
2320.0	2.0	15.8	45	253	208	0	78.9	74.2	3018	0	3780
2322.0	2.0	16.0	46	250	206	0	77.8	73.2	3018	0	3783
2324.0	2.0	16.1	45	254	207	0	70.4	72.4	2947	0	3785
2326.0	2.0	16.2	43	253	211	0	71.1	71.2	2944	0	3790
2328.0	2.0	16.4	36	254	217	0	71.6	70.9	2958	0	3796
2330.0	2.0	16.5	26	256	229	0	71.8	70.8	3085	0	3800
2332.0	2.0	16.7	33	260	226	0	72.0	70.5	3048	0	3801
2334.0	2.0	16.9	35	259	226	0	71.4	70.3	3023	0	3801
2084											
2336.0	2.0	17.0	37	263	226	0	71.7	70.9	3032	0	3801
2338.0	2.0	17.1	38	264	226	0	71.9	70.8	3057	0	3801
2340.0	2.0	17.3	38	264	226	0	71.8	71.0	3062	0	3799
2342.0	2.0	17.5	37	256	224	0	72.0	70.3	3024	0	3801
2344.0	2.0	17.6	37	256	225	0	71.8	69.5	2996	0	3807
2346.0	2.0	17.8	37	256	224	0	72.3	68.9	3006	0	3813
2348.0	2.0	17.9	37	260	224	0	72.0	69.6	3028	0	3820
2350.0	2.0	18.1	39	264	225	0	72.0	70.0	3028	0	3827
2352.0	2.0	18.3	38	264	226	0	72.4	70.3	3076	0	3831
2354.0	2.0	18.5	36	264	228	0	73.6	70.2	3088	0	3830
2104											
2356.0	2.0	18.6	38	264	226	0	73.6	70.6	3093	0	3830
2358.0	2.0	18.7	41	264	223	0	73.6	70.1	3066	0	3833
2360.0	2.0	18.8	39	262	224	0	73.7	66.6	2995	0	3829
2362.0	2.0	18.9	34	259	225	0	46.6	116.0	2150	0	3827
2364.0	2.0	19.1	38	266	224	0	.0	116.4	2165	0	3835
2366.0	2.0	19.2	41	266	225	0	.0	116.6	2184	0	3842
2368.0	2.0	19.3	42	266	224	0	.0	117.2	2179	0	3850
2370.0	2.0	19.4	36	266	230	0	41.5	90.3	2799	0	3858
2372.0	2.0	19.5	38	266	228	0	67.5	72.8	3033	0	3861
2374.0	2.0	19.6	38	266	228	0	67.8	72.2	3035	0	3868
2123											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2123											
2376.0	2.0	19.7	38	266	228	0	69.3	70.6	3024	0	3876
2378.0	2.0	19.9	33	267	234	0	68.2	70.1	2997	0	3880
2380.0	2.0	20.0	37	268	231	0	68.7	69.2	2993	0	3874
2382.0	2.0	20.2	39	266	227	0	69.8	69.1	2976	0	3876
2384.0	2.0	20.3	39	266	227	0	68.7	69.4	3014	0	3877
2386.0	2.0	20.5	38	266	228	0	67.9	69.9	3012	0	3879
2390.0	4.0	20.7	39	265	226	0	69.1	68.2	3017	0	3884
2392.0	2.0	20.9	39	265	226	0	69.3	69.1	3015	0	3894
2394.0	2.0	21.1	37	265	228	0	68.3	70.0	2996	0	3900
2396.0	2.0	21.2	31	265	234	0	69.5	69.6	2987	0	3893
2144											
2398.0	2.0	21.2	37	265	228	0	72.2	72.9	3176	0	3886
2400.0	2.0	21.3	33	262	230	0	72.4	69.5	3085	0	3892
2402.0	2.0	21.3	31	262	231	0	71.2	66.4	2946	0	3899
2404.0	2.0	21.3	33	262	229	0	71.9	67.2	2958	0	3906
2406.0	2.0	21.4	34	262	229	0	72.9	67.2	2978	0	3912
2408.0	2.0	21.4	33	262	229	0	72.6	67.1	2977	0	3918
2410.0	2.0	21.4	32	263	231	0	68.3	72.9	3042	0	3904
2412.0	2.0	21.4	35	265	230	0	67.4	75.6	3078	0	3911
2414.0	2.0	21.5	35	265	230	0	69.0	75.1	3123	0	3917
2416.0	2.0	21.5	36	265	229	0	70.1	74.7	3161	0	3924
2164											
2418.0	2.0	21.5	35	263	230	0	70.4	74.3	3157	0	3931
2420.0	2.0	21.6	32	263	229	0	74.5	63.6	2943	0	3937
2422.0	2.0	21.6	38	266	228	0	76.1	63.1	2984	0	3945
2424.0	2.0	21.7	37	266	229	0	76.2	62.8	2976	0	3952
2426.0	2.0	21.7	38	266	228	0	76.3	63.0	2966	0	3959
2428.0	2.0	21.7	35	266	231	0	74.7	63.4	2993	0	3965
2430.0	2.0	21.8	40	266	226	0	73.4	70.3	3137	0	3972
2432.0	2.0	21.8	42	266	224	0	74.9	69.8	3159	0	4003
2434.0	2.0	21.8	41	266	225	0	74.9	69.6	3171	0	4034
2436.0	2.0	21.8	39	266	227	0	76.2	69.9	3179	0	4040
2184											
2438.0	2.0	21.9	31	258	230	0	70.0	72.9	3117	0	4021
2440.0	2.0	21.9	26	258	232	0	67.0	76.0	3120	0	4041
2442.0	2.0	21.9	27	258	230	0	67.3	76.3	3123	0	4031
2444.0	2.0	21.9	30	258	228	0	67.2	75.4	3134	0	4036
NEW BIT ID: 6											
2446.0	2.0	.0	21	264	241	0	58.3	69.6	2938	0	3952
2448.0	2.0	.1	37	271	232	0	64.7	66.0	3091	0	3958
2450.0	2.0	.1	39	272	233	0	78.5	66.6	3087	0	3965
2452.0	2.0	.1	40	273	233	0	64.8	66.2	3068	0	3972
2454.0	2.0	.2	41	273	232	0	65.0	66.4	3061	0	3979
2456.0	2.0	.2	40	273	237	0	65.0	66.3	3066	0	3985
2207											
2458.0	2.0	.3	40	275	238	0	63.7	65.6	3010	0	3991
2460.0	2.0	.3	41	276	235	0	65.9	64.5	3046	0	3998
2462.0	2.0	.4	40	276	236	0	66.0	64.9	3054	0	4005
2464.0	2.0	.4	41	276	235	0	65.9	64.3	3035	0	4012
2466.0	2.0	.5	37	276	238	0	65.0	65.5	3062	0	4019
2468.0	2.0	.5	34	275	241	0	67.9	61.3	3016	0	4025
2470.0	2.0	.6	37	275	238	0	65.7	70.1	3248	0	4033
2472.0	2.0	.7	38	275	237	0	67.2	68.0	3221	0	4039
2474.0	2.0	.8	39	275	236	0	68.6	67.5	3247	0	4046
2476.0	2.0	.8	35	275	240	0	66.9	70.4	3308	0	4047
2227											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2227											
2478.0	2.0	.9	37	275	238	0	67.4	69.8	3233	0	4043
2480.0	2.0	.9	36	275	239	0	68.5	69.0	3212	0	4049
2482.0	2.0	1.0	36	275	239	0	68.5	68.8	3200	0	4056
2484.0	2.0	1.0	36	275	239	0	68.6	68.7	3207	0	4062
2486.0	2.0	1.1	35	273	239	0	70.4	68.9	3297	0	4057
2488.0	2.0	1.2	34	275	241	0	71.1	68.5	3348	0	4059
2490.0	2.0	1.2	38	275	237	0	71.5	68.9	3254	0	4065
2492.0	2.0	1.3	41	275	234	0	71.4	68.8	3133	0	4071
2494.0	2.0	1.3	44	275	231	0	71.5	68.7	3127	0	4076
2496.0	2.0	1.4	43	266	238	0	38.5	109.8	2091	0	4069
2247											
2498.0	2.0	1.4	43	278	239	0	30.2	111.8	2078	0	4074
2500.0	2.0	1.5	43	280	240	0	.3	111.8	2085	0	4081
2502.0	2.0	1.5	43	280	237	0	.1	112.1	2090	0	4087
2504.0	2.0	1.6	39	273	236	0	7.7	103.4	2142	0	4088
2506.0	2.0	1.7	35	275	240	0	68.9	66.6	2822	0	4086
2508.0	2.0	1.8	38	275	237	0	65.3	68.0	2847	0	4092
2510.0	2.0	1.8	34	275	241	0	66.5	65.3	2884	0	4098
2512.0	2.0	1.9	37	275	238	0	66.6	64.9	2881	0	4102
2514.0	2.0	1.9	35	275	240	0	67.5	64.4	2944	0	4096
2516.0	2.0	2.0	38	275	237	0	68.3	64.4	2945	0	4103
2267											
2518.0	2.0	2.1	39	275	236	0	65.5	66.3	2906	0	4109
2520.0	2.0	2.1	38	275	237	0	62.1	71.2	2964	0	4115
2522.0	2.0	2.2	36	275	239	0	61.6	71.0	2951	0	4127
2524.0	2.0	2.2	35	275	240	0	68.9	64.1	2959	0	4122
2526.0	2.0	2.3	34	275	241	0	71.7	61.1	2967	0	4124
2528.0	2.0	2.4	33	275	242	0	72.0	61.2	2958	0	4126
2530.0	2.0	2.4	35	275	240	0	71.3	60.9	2954	0	4132
2532.0	2.0	2.5	36	275	239	0	68.7	64.4	2955	0	4115
2534.0	2.0	2.6	36	275	239	0	64.6	70.6	3025	0	4097
2536.0	2.0	2.6	34	275	241	0	64.5	69.4	3031	0	4103
2287											
2540.0	4.0	2.7	36	275	239	0	65.1	71.2	3041	0	4111
2542.0	2.0	2.8	39	275	236	0	67.6	71.4	3088	0	4119
2548.0	6.0	2.9	38	275	237	0	65.1	70.4	3040	0	4129
2550.0	2.0	3.0	36	275	239	0	65.7	70.4	3037	0	4140
2552.0	2.0	3.1	38	275	237	0	65.6	70.2	3015	0	4146
2554.0	2.0	3.2	37	277	239	0	65.5	69.3	2998	0	4153
2556.0	2.0	3.2	37	277	240	0	65.0	69.5	2986	0	4158
2558.0	2.0	3.3	36	277	241	0	64.9	69.2	2982	0	4166
2560.0	2.0	3.4	35	277	242	0	65.1	69.0	2981	0	4173
2562.0	2.0	3.4	38	278	240	0	64.2	69.3	2966	0	4179
2308											
2564.0	2.0	3.5	38	278	240	0	64.6	70.0	2965	0	4186
2566.0	2.0	3.5	39	278	239	0	65.1	70.0	2972	0	4299
2568.0	2.0	3.5	39	278	239	0	64.6	70.0	2973	0	4678
2570.0	2.0	3.6	40	273	238	0	64.4	70.0	2986	0	4590
2572.0	2.0	3.7	39	278	235	0	60.6	70.0	2861	0	4482
2574.0	2.0	3.7	41	278	237	0	64.5	70.0	2914	0	4373
2576.0	2.0	3.8	40	278	238	0	64.6	70.0	2911	0	4347
2578.0	2.0	3.8	41	278	237	0	64.7	70.0	2897	0	4398
2580.0	2.0	3.9	40	276	237	0	65.8	70.0	2956	0	4291
2582.0	2.0	4.0	37	273	236	0	63.2	70.0	3072	0	4222
2328											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2328											
2584.0	2.0	4.0	39	278	237	0	58.8	70.0	2923	0	4226
2586.0	2.0	4.1	43	278	235	0	63.4	70.0	2881	0	4230
2588.0	2.0	4.1	43	278	235	0	64.9	70.0	2914	0	4234
2590.0	2.0	4.2	42	273	235	0	65.2	70.0	2975	0	4237
2592.0	2.0	4.2	43	269	237	0	65.0	70.0	2932	0	4241
2594.0	2.0	4.2	43	269	234	0	65.0	70.0	2868	0	4247
2596.0	2.0	4.3	44	278	235	0	65.2	70.0	2962	0	4252
2598.0	2.0	4.4	46	278	232	0	65.7	70.0	2966	0	4253
2600.0	2.0	4.5	43	278	235	0	66.0	70.0	2982	0	4255
2602.0	2.0	4.5	44	278	234	0	64.8	70.0	2962	0	4260
2348											
2604.0	2.0	4.6	46	278	232	0	63.7	70.0	2924	0	4260
2606.0	2.0	4.7	45	278	233	0	63.7	71.8	2931	0	4261
2608.0	2.0	4.8	44	278	234	0	63.7	71.2	2928	0	4265
2610.0	2.0	4.9	42	277	236	0	63.1	72.1	2929	0	4265
2612.0	2.0	5.0	43	277	234	0	64.5	69.7	2888	0	4266
2614.0	2.0	5.1	45	277	232	0	65.5	69.5	2919	0	4267
2616.0	2.0	5.2	43	277	234	0	66.1	69.7	2931	0	4267
2620.0	4.0	5.3	43	277	234	0	66.2	69.4	2949	0	4270
2622.0	2.0	5.5	42	277	235	0	67.3	69.2	2980	0	4275
2624.0	2.0	5.5	42	277	235	0	67.3	69.3	2983	0	4279
2369											
2626.0	2.0	5.6	45	277	232	0	67.9	69.5	3000	0	4283
2628.0	2.0	5.8	45	277	232	0	66.1	69.8	2960	0	4284
2630.0	2.0	5.9	42	278	236	0	65.5	70.1	2940	0	4287
2632.0	2.0	6.0	42	278	236	0	65.8	69.6	2962	0	4289
2634.0	2.0	6.0	42	278	236	0	66.1	70.2	2969	0	4293
2636.0	2.0	6.1	39	278	239	0	66.4	70.2	2979	0	4298
2638.0	2.0	6.2	40	278	238	0	64.4	70.3	2962	0	4301
2640.0	2.0	6.3	41	278	237	0	63.6	72.6	2988	0	4303
2642.0	2.0	6.4	38	278	240	0	68.2	68.1	2997	0	4307
2644.0	2.0	6.4	41	278	237	0	64.3	72.0	2977	0	4311
2389											
2646.0	2.0	6.5	41	278	237	0	67.0	69.0	2992	0	4313
2648.0	2.0	6.6	48	283	233	0	62.3	70.7	2878	0	4315
2650.0	2.0	6.7	47	278	231	0	59.7	71.2	2776	0	4321
2652.0	2.0	6.8	47	278	231	0	59.8	71.4	2779	0	4326
2654.0	2.0	6.9	46	278	232	0	60.6	71.1	2798	0	4331
2656.0	2.0	7.0	47	278	231	0	60.7	70.8	2792	0	4336
2658.0	2.0	7.1	46	279	232	0	63.7	69.5	2872	0	4334
2660.0	2.0	7.2	47	279	232	0	65.0	68.2	2863	0	4337
2662.0	2.0	7.4	47	280	232	0	107.1	61.4	2206	0	4338
2664.0	2.0	7.6	48	280	232	0	120.0	.0	2333	0	4337
2409											
2666.0	2.0	7.7	48	280	232	0	120.1	.0	2338	0	4339
2668.0	2.0	8.0	49	275	226	0	108.1	3.6	2300	0	4334
2670.0	2.0	8.2	48	275	227	0	63.5	74.4	3051	0	4331
2672.0	2.0	8.5	44	275	231	0	65.4	72.3	3040	0	4334
2674.0	2.0	8.8	45	275	230	0	65.2	72.0	3057	0	4337
2675.0	1.0	9.0	48	275	226	0	64.1	71.0	3046	0	4340
NEW BIT ID: 7											
2676.0	.0	.0	34	274	239	0	66.9	67.4	3077	0	4344

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2425											
2678.0	2.0	.1	45	279	234	0	62.8	71.6	3069	0	4348
2680.0	2.0	.2	43	279	235	0	62.2	73.4	3112	0	4354
2682.0	2.0	.3	43	279	236	0	62.0	73.5	3120	0	4362
2684.0	2.0	.3	40	279	238	0	61.8	73.8	3142	0	4368
2686.0	2.0	.4	40	280	240	0	63.1	72.1	3128	0	4375
2688.0	2.0	.5	40	281	241	0	66.1	67.3	3082	0	4382
2690.0	2.0	.5	42	281	239	0	66.5	67.0	3073	0	4388
2692.0	2.0	.6	41	281	240	0	65.9	66.9	3062	0	4395
2694.0	2.0	.6	41	281	240	0	66.0	66.7	3053	0	4402
2696.0	2.0	.7	41	284	245	0	65.5	68.2	3087	0	4408
2445											
2698.0	2.0	.8	39	287	248	0	64.6	67.7	3036	0	4414
2700.0	2.0	.9	41	287	246	0	64.8	67.6	3022	0	4422
2702.0	2.0	1.0	41	287	246	0	65.0	67.6	3015	0	4429
2704.0	2.0	1.1	43	287	244	0	66.1	67.2	3014	0	4435
2706.0	2.0	1.3	42	286	244	0	64.7	69.6	3043	0	4432
2708.0	2.0	1.6	43	286	243	0	64.5	69.9	3030	0	4430
2710.0	2.0	1.8	43	286	243	0	64.4	69.4	3010	0	4434
2712.0	2.0	2.0	43	286	243	0	64.5	69.5	3001	0	4434
2714.0	2.0	2.3	45	286	241	0	64.9	68.1	3004	0	4436
2716.0	2.0	2.4	48	293	244	0	65.2	67.8	3035	0	4439
2465											
2718.0	2.0	2.5	47	293	246	0	64.4	68.3	3022	0	4443
2720.0	2.0	2.6	47	293	246	0	64.4	68.7	3025	0	4447
2722.0	2.0	2.8	50	293	243	0	65.1	68.7	3033	0	4451
2724.0	2.0	3.0	51	293	242	0	64.1	69.2	3016	0	4453
2726.0	2.0	3.2	50	293	242	0	61.6	71.9	3033	0	4451
2728.0	2.0	3.4	50	293	243	0	61.9	72.3	3052	0	4451
2730.0	2.0	3.6	50	293	243	0	61.9	72.3	3046	0	4449
2732.0	2.0	3.9	51	293	242	0	61.9	72.2	3056	0	4445
2734.0	2.0	4.1	49	293	245	0	63.4	70.2	3056	0	4448

PE604644

This is an enclosure indicator page.
The enclosure PE604644 is enclosed within the container PE904254 at this location in this document.

The enclosure PE604644 has the following characteristics:

ITEM_BARCODE	= PE604644
CONTAINER_BARCODE	= PE904254
NAME	= Drill Data Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Drill Data Log for Threadfin-1
REMARKS	=
DATE_CREATED	= 5/03/79
DATE_RECEIVED	=
W_NO	= W719
WELL_NAME	= THREADFIN-1
CONTRACTOR	= CORE LABORATORIES
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE604645

This is an enclosure indicator page.
The enclosure PE604645 is enclosed within the container PE904254 at this location in this document.

The enclosure PE604645 has the following characteristics:

ITEM_BARCODE	= PE604645
CONTAINER_BARCODE	= PE904254
NAME	= Geoplot Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Geoplot Log for Threadfin-1
REMARKS	=
DATE_CREATED	= 5/03/79
DATE_RECEIVED	=
W_NO	= W719
WELL_NAME	= THREADFIN-1
CONTRACTOR	= CORE LABORATORIES
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE604646

This is an enclosure indicator page.
The enclosure PE604646 is enclosed within the container PE904254 at this location in this document.

The enclosure PE604646 has the following characteristics:

ITEM_BARCODE	= PE604646
CONTAINER_BARCODE	= PE904254
NAME	= Temperature Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Temperature Log for Threadfin-1
REMARKS	=
DATE_CREATED	= 5/03/79
DATE_RECEIVED	=
W_NO	= W719
WELL_NAME	= THREADFIN-1
CONTRACTOR	= CORE LABORATORIES
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE604647

This is an enclosure indicator page.
The enclosure PE604647 is enclosed within the container PE904254 at this location in this document.

The enclosure PE604647 has the following characteristics:

ITEM_BARCODE	= PE604647
CONTAINER_BARCODE	= PE904254
NAME	= Pressure Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Pressure Log for Threadfin-1
REMARKS	=
DATE_CREATED	= 5/03/79
DATE_RECEIVED	=
W_NO	= W719
WELL_NAME	= THREADFIN-1
CONTRACTOR	= CORE LABORATORIES
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE604648

This is an enclosure indicator page.
The enclosure PE604648 is enclosed within the container PE904254 at this location in this document.

The enclosure PE604648 has the following characteristics:

ITEM_BARCODE	= PE604648
CONTAINER_BARCODE	= PE904254
NAME	= Geoplot Log 2
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Geoplot Log 2 for Threadfin-1
REMARKS	=
DATE_CREATED	= 5/03/79
DATE_RECEIVED	=
W_NO	= W719
WELL_NAME	= THREADFIN-1
CONTRACTOR	= CORE LABORATORIES
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE604649

This is an enclosure indicator page.
The enclosure PE604649 is enclosed within the container PE904254 at this location in this document.

The enclosure PE604649 has the following characteristics:

ITEM_BARCODE	= PE604649
CONTAINER_BARCODE	= PE904254
NAME	= Mud Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= MUD_LOG
DESCRIPTION	= Mud Log for Threadfin-1
REMARKS	=
DATE_CREATED	= 5/03/79
DATE_RECEIVED	=
W_NO	= W719
WELL_NAME	= THREADFIN-1
CONTRACTOR	= CORE LABORATORIES
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)