COBIA - 2

ESSO AUSTRALIA LTD.

COBIA NO. 2

EXTENDED SERVICE WELL REPORT

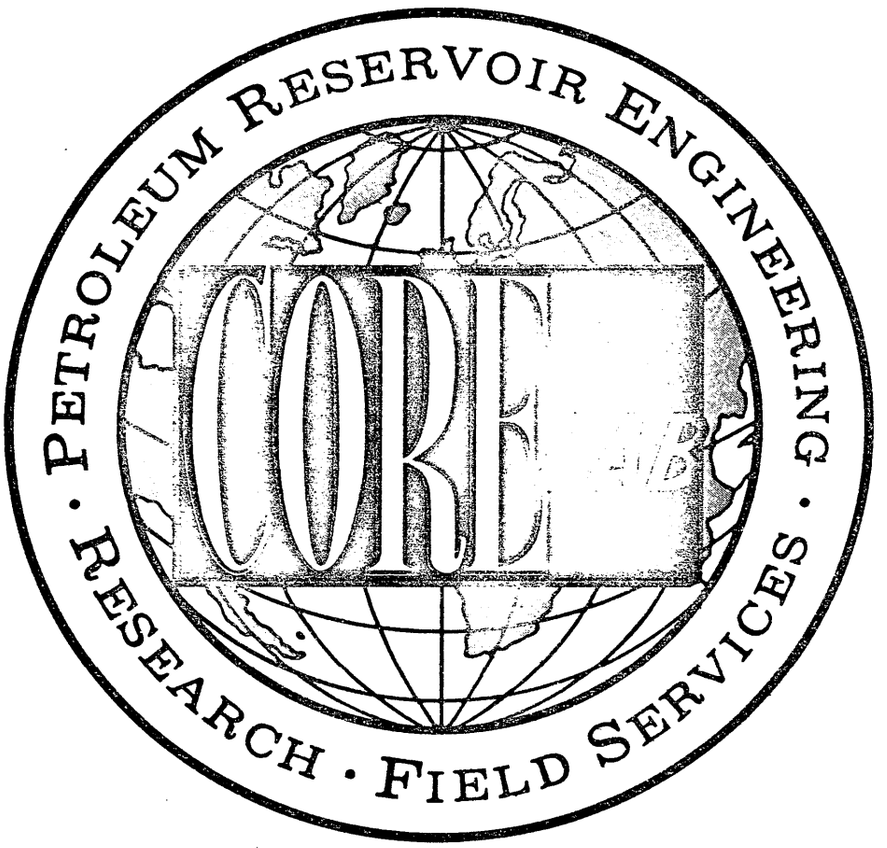
Attachment to WCR
Extended Service Well Report
Cobia - 2
(W689)

EXTENDED SERVICE

ESSO AUSTRALIA LTD.

COBIA NO. 2

EXTENDED SERVICE WELL REPORT



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. 2821587
TELEX: CORELAB RS 21423

30th MAY 1977

ESSO AUSTRALIA, LTD.,
P.O. BOX 372,
SALE, 3850
VICTORIA.
AUSTRALIA.

ATTENTION : L.D. ATTAWAY.

Dear Sir,

Enclosed with this well summary, for your ispection and referance, are all logs and relavent data (Computer recorded,foot by foot) pertaining to the drilling of COBIA # 2. 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 operations of COBIA # 2 and look forward to our continuing association on future exploratory work in AUSTRALIA.

Yours Sincerely

S. La Rosa.

SAL R. LA ROSA
UNIT SUPERVISOR.

The well COBIA NO. 2 was drilled by ESSO AUSTRALIA in the Gippsland Basin of the Bass Strait. COBIA NO. 2, a step-out well of COBIA NO. 1, was drilled by ODECO's semi-submersible drilling rig, Ocean Endeavour. The well was spudded in a water depth of 249 feet on the 2nd. of May 1977 and a total depth of 8195 feet was reached at 1100 hours on the 14th. of May 1977.

Well location co-ordinates are :-

Latitude	:	38°	17'	31.551" S
Longitude	:	148°	18'	16.124" E

A Core Laboratories Extended Service fully integrated computer unit was located on board the Ocean Endeavour to monitor all drilling parameters below 20" casing depth. All computer data recorded and presented within this well summary report is stored on magnetic tape and can be retrieved at any time at the request of the client.

The Core Laboratories wellsite crew consisted of the following :-

Unit Supervisor	-	Sal La Rosa
E.S. Engineer	-	Mike Warner
E.S. Engineer	-	Ingolf Hansen
Mud Loggers	-	Joseph Greener
		David Gilbert
		Ron Wigham

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.

E. PRESSURE TESTING EQUIPMENT

1 Hewlett Packard 2811B Quartz Pressure Gauge 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 1:6000

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. The end to end normalised flowline temperature plot is the principle interpretive plot. The information from the other two plots are taken into account, normalised and plotted as one continuous bit run. The flowline temperature is normalised for an annular velocity of 100 ft./minute and a hole of constant diameter. There is also a compensation for specific changes in temperature of the drilling fluid. This factor is obtained by the implications of changes in surface dissipation of heat. For example, if the flowline mud temperature at the surface is reduced by a stabilised 30°F. then chemicals are added to the mud system, the temperature of the same quantity of mud is reduced only 15°F. for the same initial flowline temperature and the same pit volume then the specific heat has changed by a factor of two. In this manner the correction for chemicals added can be accounted for from bit run to bit run as long as initial conditions are kept constant, including the same initial suction pit temperature at the start of the bit run. Along with this plot are temperatures from Schlumberger electric log runs, the time after circulation and depth. When two or more points are available, there is projected bottomhole temperature obtained using inverse time versus log temperature plots, when bottomhole temperature is the temperature corresponding to the logrithmic value at 1/Time = 0.

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 1:6,000 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 1:6,000 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.

HP Quartz Pressure Gauge

This highly accurate bottomhole pressure gauge is used in conjunction with the Schlumberger F.I.T. tool. The Hewlett

Packard Quartz Pressure Guage measures well bore pressure with a resolution of 0.01 psi over a dynamic range in excess of 10,000 psi. This capability makes it possible to accurately measure pressure changes that cannot be detected with conventional gauges using bourdon tube transducers.

WELL LOG PARAMETERS

1. Grapholog

   Scale 1:400, 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.

2. E.S. Drill Log

   Scale 1:6,000, containing rate of penetration, hot wire total gas, corrected 'd' exponent, shale density, bit runs, dates and casing points.

3. E.S. Temperature Log

   Scale 1:6,000, containing flowline temperature, $\triangle T$:- flowline temperature minus suction temperature, end to end plot (dimensionless).

4. E.S. Pressure Log

   Scale 1:6,000, containing formation pore pressure, equivalent circulating density, formation fracture gradient.

5. E. S. Geoplot 1

Scale 1:6,000, containing rate of penetration corrected 'd' exponent, drilling porosity, formation pore pressure, equivalent circulating density and formation fracture gradient.

6. E. S. Geoplot 2

Scale 1:6,000, containing weight on bit, rotary RPM, mud density in and pump pressure.

COBIA NO. 2 WELL SUMMARY

Cobia No. 2 was spudded on the 2nd. of May 1977, water depth being 249 feet. A 26 inch hole was drilled from the sea floor to 800 feet using sea water, with returns to the sea floor.

20 inch casing was set at 747 feet, followed by B.O.P. and 20 inch marine riser emplacement.

A 17.75 inch hole was drilled from 800 feet to 2900 feet. The lithology over the section 800 feet to 1630 feet was essentially firm to semi-friable calcarenite. Drilling rates ranged from 200 - 600 feet/hour, while background gas varied between 1 - 10 units and peaked at 17.5 units where it corresponds to calcarenite of higher porosity. Such relatively low background gas, absence of connection gas, etc., indicated that this section was drilled in an overbalanced condition. The marginally higher gas readings associated with this section as compared with those of previous wells in the area could be attributed to the faster and more consistent drilling rates coupled with the higher porosity of the calcarenites and calcareous siltstones encountered from 1630 feet to 2900 feet. Wireline logs run at 2900 feet included.

FDC - GR - CALIPER	2896 feet	-	768 feet
GR	2896 feet	-	332 feet
ISF - SONIC	2892 feet	-	748 feet

13.375 feet casing was set at 2886 feet and drilling continued with a 12.25 inch bit. At 2920 feet a formation pressure test produced a 13.5 ppg mud weight equivalent, with no leak off. Lithology between 2920 feet to 4190 feet consisted mainly of soft-sticky marl, interbedded with minor firm-friable calcareous siltstone and rare stringers of hard micritic limestone. Drilling fluid comprised of 9.0 - 9.2 ppg sea water/gel. Background gas over the interval ranged from 1 - 10 units with no connection gas. All drilling variables indicated an overbalanced hole, with drilling rates of 70 - 200 feet/hour.

From between 4190 feet to 6117 feet the average background gas diminished to 2 units and less as the mud weight gradually increased to 9.4 ppg. This suggests a moderately high overbalanced was being maintained. Again, the absence of connection gas, low torque and large cavings tends to confirm the latter. Also, the computer calculated pore pressure indicated a normal pressure gradient. The relatively high trip gas at 6117 feet could be attributed to a small amount of gas swabbing due to the high swab pressures generated while pulling out of the hole. Lithology over the interval 4190 feet - 6117 feet was mixed, being interbedded firm-friable calcareous siltstones, soft marls and firm calcareous shales. The interval 6117 feet - 7557 feet comprised of soft marls interbedded with shales and calcareous siltstones and rare calcarenite. At a depth of 7557 feet, the flowline and riser became choked with cuttings which prevented reasonable mud circulation and further drilling. Such a situation could be avoided by regular "flushing" of the riser through the choke/kill line. At this point the mud needed to be conditioned and was weighted up to 9.7 ppg.

The lithology from 7557 feet to 7841 feet was predominantly interbedded shale, marl and siltstone which gave low background gas and drilling rates of 15 - 40 feet/hour. A fast drilling break at 7841 feet - 7851 feet warranted a flow check and when circulated out proved to be a sandstone. A core barrel was run and cores were cut as follows:

Core 1	-	7851 feet - 7888 feet
Core 2	-	7888 feet - 7929 feet
Core 3	-	7929 feet - 7976 feet

Full core descriptions are attached to the tail of the graphalog and can be found in the rear of this report. Hydrocarbons were encountered throughout the majority of the cored section. Drilling rates while coring ranged from 5 - 30 feet/hour. Low gas readings of one to three hot wire units, tend to indicate that a high mud weight over-balance was being maintained while coring. The core rat hole was then reamed-out to 8.5" and drilling continued to a total depth of 8195 feet. The lithology over the interval 7976 feet to 8195 feet consisted of loose quartz sands and minor friable sandstone. Gas readings were very low over this interval, (0 to a trace), indicating possible water wet sands and a high over-balance. The hole was conditioned prior to running the following Schlumberger wireline logs:-

FDC	-	Total depth to 2867 feet
ISF	-	Total depth to 2867 feet
HDT	-	Total depth to 2867 feet
VELOCITY SURVEY	-	Total depth to 2867 feet
RFT's	-	7965', 8014, 7945', 7916.5', 7896' (Not valid test)
FIT's	-	7940', 7916', 7896', 7877', 7866'
90 CST's	-	Total depth to 2867'

After running all electric logs, the 344 feet of 8.5 inch hole, from 7851 feet to 8195 feet was reamed-out to 12.25 inches for possible completion purposes. After circulating and conditioning the hole, with the mud weight being reduced to 9.6 ppg, RFT's were performed at 7853' 6" (no seal), 7852 6" (no seal), 7906' (no seal), 7917 (invalid test), 7906' (no seal), 7905' (invalid test) 7854 (no seal), 7852', 7905' 6".

From the RFT's and FIT's performed on the formation, at different depths specified above, oil and gas was recovered from these tests in varying amounts. The oil (measured directly after recovery), varied from 44^{o} to 46.5^{o} API gravity and the gas recovered was of very high composition of propane and butane. The pressures obtained from these tests proved the expected low formation pressures of the area, varying from an equivalent mud weight of 8.14 ppg to 8.225 ppg, thus indicating a normally pressured formation throughout COBIA No. 2.

BIT DATA

VARIABLE	UNITS
BIT INTERVAL	FEET
SIZE	INCHES
JETS	32'S OF AN INCH
BIT RUN	FEET
CONDITION	TEETH/BEARING/GAUGE
OD'S, ID'S	INCHES
LENGTH	FEET
DEPTH	FEET
WOB	THOUSANDS OF POUNDS
PUMP RATE	STROKES PER MINUTE
FLOW RATE	GALLONS PER MINUTE
PUMP PRESSURE	POUNDS PER SQUARE INCH
MUD WEIGHT	POUNDS PER GALLON
PV	CENTIPOISE
YP	POUNDS PER 100 SQ.FT.
TEMPERATURE	FARANHEIT
PRESSURE DROPS (P)	POUNDS PER SECOND^2
JET VELOCITY	FEET PER SECOND
ANN. VELOCITIES	FEET PER MINUTE
ECD	POUNDS PER GALLON

CORE LAB **ESP**

BIT RUN DATA SHEET.

UNIT NO. 1010 RUN NO. 1 BIT NO. 1RR

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	SEAFLOOR - 800'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HUGHES	OSC 3AJ	468'	31000
	SIZE 17.5" w/ 26" HOLE OPENER	JETS 20/20/20	HOURS RUN 5.75	CONDITION -

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	-
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
					HUNG AT.

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

REMARKS;

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. 1010 RUN NO. 2 BIT NO. 2

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	800' - 2900'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HUGHES	OSC 3AJ	2100'	66000
	SIZE	JETS	HOURS RUN	CONDITION
	17.5	20/20/20	10.0	3-4-I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	5"	4.276"	
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	20"	19.124		747'	

DEPTH	2460					
WOB	20					
RPM	115					
PUMP RATE	105/106					
FLOWRATE	1013					
PUMP PRESS	2150					
MW	8.9					
PV	5					
YP	5					
SAND %	-					
TEMP.	76					
Psurface	2					
Pstring	784					
Pbit	1354					
Pannulus	25					
Ptotal	2165					
HHP	950					
IMPACTFORCE	2379					
JET VEL	439					
DC/OH	102					
DP/OH	88					
DP/CSG	73					
ECD	9.1					

REMARKS;

DRILLED TO 2800' W/ SEAWATER.
AT 2800' BLENDED PREHYDRATED GEL INTO ACTIVE SYSTEM.
SPOT HOLE W/ 50 BBLS. GEL, SLUG AT 2300' & 2700'
ONE PUMP ON HOLE FROM 2374' - 2453'
DRILL TO 2900' C.O. SHORT TRIP C.O., POH FOR E LOGS.
ALL HYDRAULICS CALCULATED USING 95% PUMP EFFICIENCY.

CORE LAB

BIT RUN DATA SHEET.

ESP

UNIT NO. 1010 RUN NO. 4 BIT NO. 3

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	2900' - 4190'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HUGHES	OSC 3AJ	1290'	93000
	SIZE	JETS	HOURS RUN	CONDITION
	12.25"	18/18/18	11.5	5-8-I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	13.375"	12.415"		2866'	HUNG AT.

DEPTH	3100	2400	3950	4190		
WOB	26	37	40	38		
RPM	140	143	142	139		
PUMP RATE	109/103	107/110	123	98/96		
FLOWRATE	1050	1065	603	958		
PUMP PRESS	2680	2839	1146	2530		
MW	8.8	8.9	9.0	9.0		
PV	3	3	3	3		
YP	4	4	4	4		
SAND %	.25	.15	.15	.25		
TEMP.	87	91	92	90		
Psurface	4	5	4	4		
Pstring	702	767	371	767		
Pbit	1969	2049	776	1751		
Pannulus	18.6	18.6	10.0	19		
Ptotal	2694	2838	1161	2541		
HHP	1344	1402	326	1106		
IMPACTFORCE	2798	2903	1094	2480		
JET VEL	526	531	327	491		
DC/OH	299	303	172	273		
DP/OH	-	210	118	188		
DP/CSG	199	196	114	182		
ECD	9.0	9.1	9.1	9.1		

REMARKS;

DRILLED OUT OF CASING. TO 2920' PREFORMED (P.I.T. LEAK OFF TEST) TEST FORMATION TO 13.5 PPG MUD WEIGHT EQUIVALENT., NO LEAK OFF, DRILL AHEAD.

DRILL W/ ONE PUMP 3902'

C.O. AT 4190' - DROP SURVEY, P.O.O.H. NB #4

CORE LAB **ESP**

BIT RUN DATA SHEET.

UNIT NO. 1010 RUN NO. 5 BIT NO. 4

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	4190' - 6117'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HUGHES	X3A	1927'	249000
	SIZE	JETS	HOURS RUN	CONDITION
	12.25	18/18/18	30	3-3-I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	5"	4.276"	
	HW DRILL PIPE			
	DRILL COLLARS	6.5"	2.8125"	93.3
	HW DRILL COLLARS	8"	3"	471.8

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	13.375"	12.415"		2866'	

DEPTH	4350	4420	4620	4800	5420	5670
WOB	29	42	48	41	46	47
RPM	120	140	142	136	140	137
PUMP RATE	125	100/96	98/98	90/90	85/85	84/84
FLOWRATE	635	968	964	888	835	850
PUMP PRESS	1200	2560	2550	2663	2540	2780
MW	9.0	9.1	9.1	9.1	9.1	9.2
PV	3	3	3	5	4	7
YP	5	7	7	8	9	8
SAND %	.25	.25	.25	.25	.5	.5
TEMP.	93	94	98	103	110	116
Psurface	4	4	4	4	4	5
Pstring	427	795	734	949	845	1163
Pbit	766	1740	1781	1692	1644	1573
Pannulus	11	21	22	24	25	29
Ptotal	1208	2560	2541	2669	2518	2770
HHP	316	1095	1147	1042	1019	924
IMPACTFORCE	1085	2464	2538	2391	2342	2228
JET VEL	321	487	495	480	474	456
DC/OH	181	276	274	252	238	242
DP/OH	124	190	190	175	164	167
DP/CSG	121	184	177	163	158	161
ECD	9.2	9.3	9.1	9.2	9.3	9.4

REMARKS;

ONE PUMP DOWN AT 4340', BOTH ON AT 4374'

CORE LAB **ESP**

BIT RUN DATA SHEET.

CONTINUED — UNIT NO. 1010 — RUN NO. 5 — CONTINUED — BIT NO. 4

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	4190' - 6117'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HUGHES	X3A	1927'	249000
	SIZE	JETS	HOURS RUN	CONDITION
	12.25	18/18/18	30	3-3-I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	5"	4.276"	
	HW DRILL PIPE			
	DRILL COLLARS	6.5"	2.8125"	93.3'
	HW DRILL COLLARS	8"	3"	471.8'

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	13.375"	12.415"		2866'	

DEPTH	5800					
WOB	50					
RPM	145					
PUMP RATE	98					
FLOWRATE	477					
PUMP PRESS	1296					
MW	9.3					
PV	7					
YP	8					
SAND %	.5					
TEMP.	118					
Psurface	2					
Pstring	601					
Pbit	672					
Pannulus	15.5					
Ptotal	1290					
HHP	261					
IMPACTFORCE	956					
JET VEL	297					
DC/OH	207					
DP/OH	143					
DP/CSG	134					
ECD	9.5					

REMARKS;

ONE PUMP 5790', BOTH ON AT 5847'

ONE PUMP 5967', BOTH ON AT 6140'

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. 1010 RUN NO. 6 BIT NO. 5

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	6117 - 7851'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HUGHES	X3A	1734'	303000
	SIZE	JETS	HOURS RUN	CONDITION
	12.25"	18/18/18	36.8	3-6-I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	6.5"	2.8125"	93.30'
	HW DRILL COLLARS	8"	3"	471.80'

CASING & LINER	OD	ID	GRADE	SET AT	
	13.375"	12.415"		2866'	HUNG AT.

DEPTH	6440	6750	7310	7630	7850	
WOB	47	45	46	29	29	
RPM	140	150	137	139	135	
PUMP RATE	89/84	92/84	85/83	84/81	91/82	
FLOWRATE	864	868	837	810	854	
PUMP PRESS	2490	2630	2648	2670	2990	
MW	9.2	9.3	9.3	9.6	9.65	
PV	7	7	12	12	12	
YP	13	13	13	13	13	
SAND %	.5	.5	.5	.5	.5	
TEMP. OUT	119°F	114	119	107	120	
Psurface	5	6	5	8	10	
Pstring	1082	1125	1347	1389	1546	
Pbit	1382	1472	1258	1250	1394	
Pannulus	30	37	36	37	39	
Ptotal	2499	2640	2646	2684	2989	
HHP	758	842	666	647	758	
IMPACTFORCE	1935	2081	1782	1771	1948	
JET VEL	431	445	408	402	422	
DC/OH	246	247	235	231	242	
DP/OH	169	170	163	160	167	
DP/CSG	164	165	159	154	161	
ECD	9.4	9.5	9.6	9.8	9.8	

REMARKS;

ONE PUMP 7082', BOTH ON 7176'
ONE PUMP 7208', " " 7238'
PACKED OFF 7468', REAM 3 SINGLES
" " 7557', CIRC @ 22:51 HRS, BACK DRILLING @ 07:45 HRS.

DRILLING BREAK @ 7842' , CO, SHORT TRIP, CO, POH FOR CORE BARREL (NCB-1).

BIT RUN DATA SHEET.

CORE LAB ESP

UNIT NO. 1010 RUN NO. 7 BIT NO. NCB 1

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	7851 - 7888'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIST.	C - 20	37'	13000
	SIZE 8.47"	JETS 23 EQUIV.	HOURS RUN 3.4	CONDITION EXCELLENT

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	5"	4.276"	
	HW DRILL PIPE			
	DRILL COLLARS	6.5"	2.8125"	560'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	13.375"	12.415"		2866'	

DEPTH	7880					
WOB	14					
RPM	65					
PUMP RATE	66					
FLOW RATE	296					
PUMP PRESS	1040					
MW	9.6					
PV	16					
YP	13					
SAND %	.5					
TEMP. OUT	109					
Psurface	10					
Pstring	321					
Pbit	730					
Pannulus	20					
Ptotal						
HHP						
IMPACTFORCE						
JET VEL	307					
DC/OH						
DP/OH						
DP/CSG						
ECD	9.6					

REMARKS;

CORE LAB

BIT RUN DATA SHEET.

ESP

UNIT NO. 1010 RUN NO. 8 BIT NO. CB RR1

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	7888 - 7929'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIST.	C - 20	41'	8000
	SIZE	JETS	HOURS RUN	CONDITION
	8.47"	23 EQUIV.	2.2	EXCELLENT

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	6.5"	2.8125"	560'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	13.375"	12.415"		2866'	HUNG AT.

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

REMARKS;

BIT RUN DATA SHEET.

CORE LAB ESP

UNIT NO. 1010 RUN NO. 9 BIT NO. CB RR2

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	7929 - 7976'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIST.	C - 20	4??	14000
	SIZE 8.47"	JETS 23 EQUIV.	HOURS RUN 3.6	CONDITION EXCELLENT

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	6.5"	2.8125"	560'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	13.375"	12.415"		2866'	HUNG AT.

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

REMARKS;

CORE LAB ESP

BIT RUN DATA SHEET.

UNIT NO. 1010 RUN NO. 10 BIT NO. 6

COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	7976 - 8195'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HUGHES	XDG	219'	22000
	SIZE 8.5"	JETS 12/12/12	HOURS RUN 3.4	CONDITION 2-2-I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	6.5"	2.8125"	560'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	13.375"	12.415"		2866'	HUNG AT.

DEPTH	8120					
WOB	25					
RPM	110					
PUMP RATE	106/84					
FLOWRATE	927					
PUMP PRESS	2790					
MW	9.6					
PV	15					
YP	15					
SAND %	.25					
TEMP. OUT	109					
Psurface	12					
Pstring						
Pbit						
Pannulus						
Ptotal						
HHP						
IMPACTFORCE						
JET VEL						
DC/OH						
DP/OH						
DP/CSG						
ECD	9.8					

REMARKS;

REAM RAT HOLE (OF CORES 1-3), THEN DRILL AHEAD TO 8195' - TOTAL DEPTH. CONDITION MUD, POH TO RUN FINAL E-LOGS.

COST PER FOOT CHARTS

INTERVAL	.. ..	FEET
FOOTAGE	.. ..	FEET
BIT SIZE	.. ..	INCHES
JET SIZE	.. ..	THIRTY SECONDS OF AN INCH
CONDITION	.. ..	TEETH/BEARING/GAUGE
COST	.. ..	DOLLARS

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

COST PER FOOT GRAPH

CORE LAB **ESP**

UNIT NO. 1010 BIT NO. 2

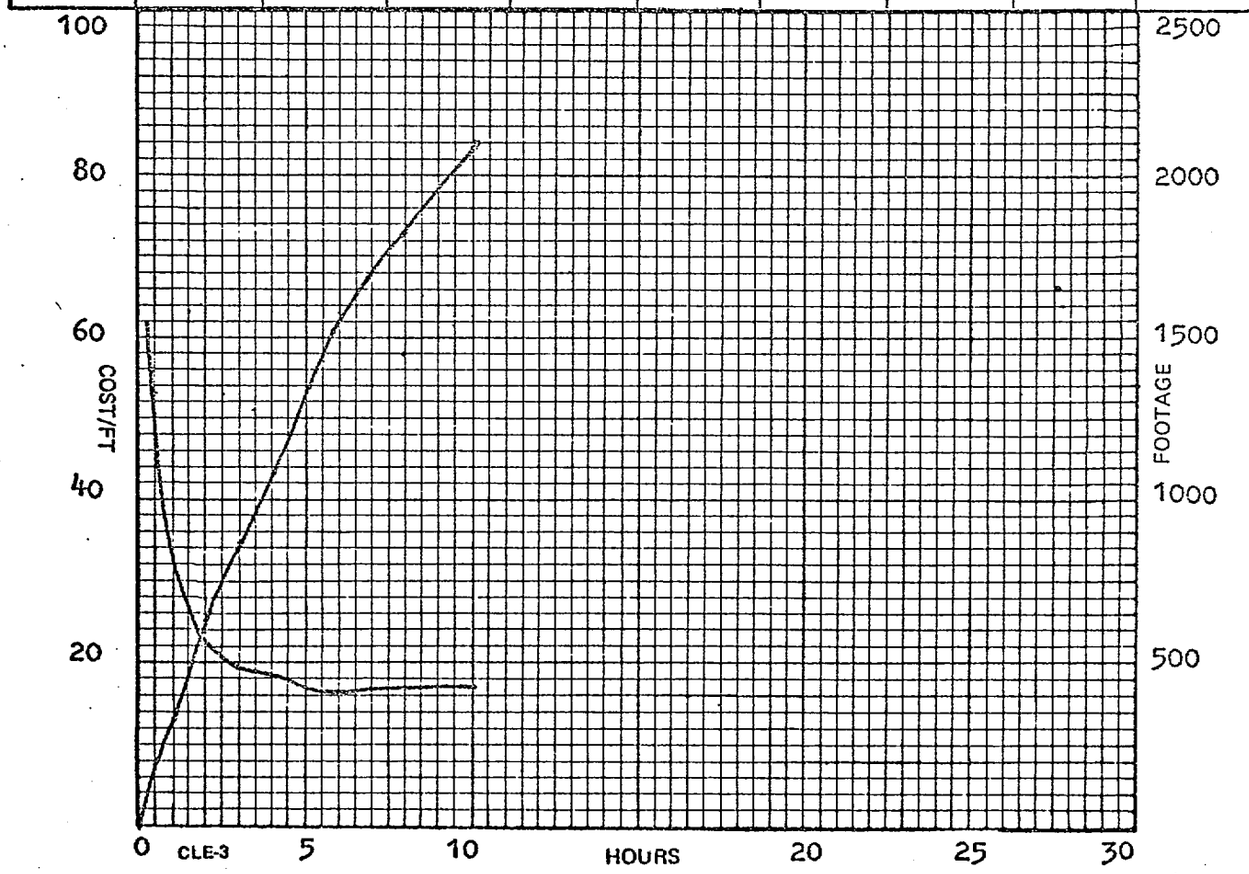
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	800' - 2900'

BIT	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC OSC3AJ	17.5	2100'	66000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	1661	20/20/20	10.0	3-4-I

RIG COST/HR. 1700

TRIP TIME 4

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
.5	2000	980	180	53.13					
1.0	5000	1120	326	34.04					
2.0	11000	1420	620	22.56					
3.0	18000	1660	860	19.88					
4.0	25000	1870	1070	18.35					
5.0	32000	2130	1330	16.91					
6.0	39000	2380	1580	16.11					
7.0	46000	2500	1700	16.73					
8.0	52000	2620	1820	16.70					
9.0	60000	2750	1950	16.88					
10.0	66000	2900	2100	16.75					



COST PER FOOT GRAPH

CORE LAB ESP

UNIT NO. 1010 BIT NO. 3

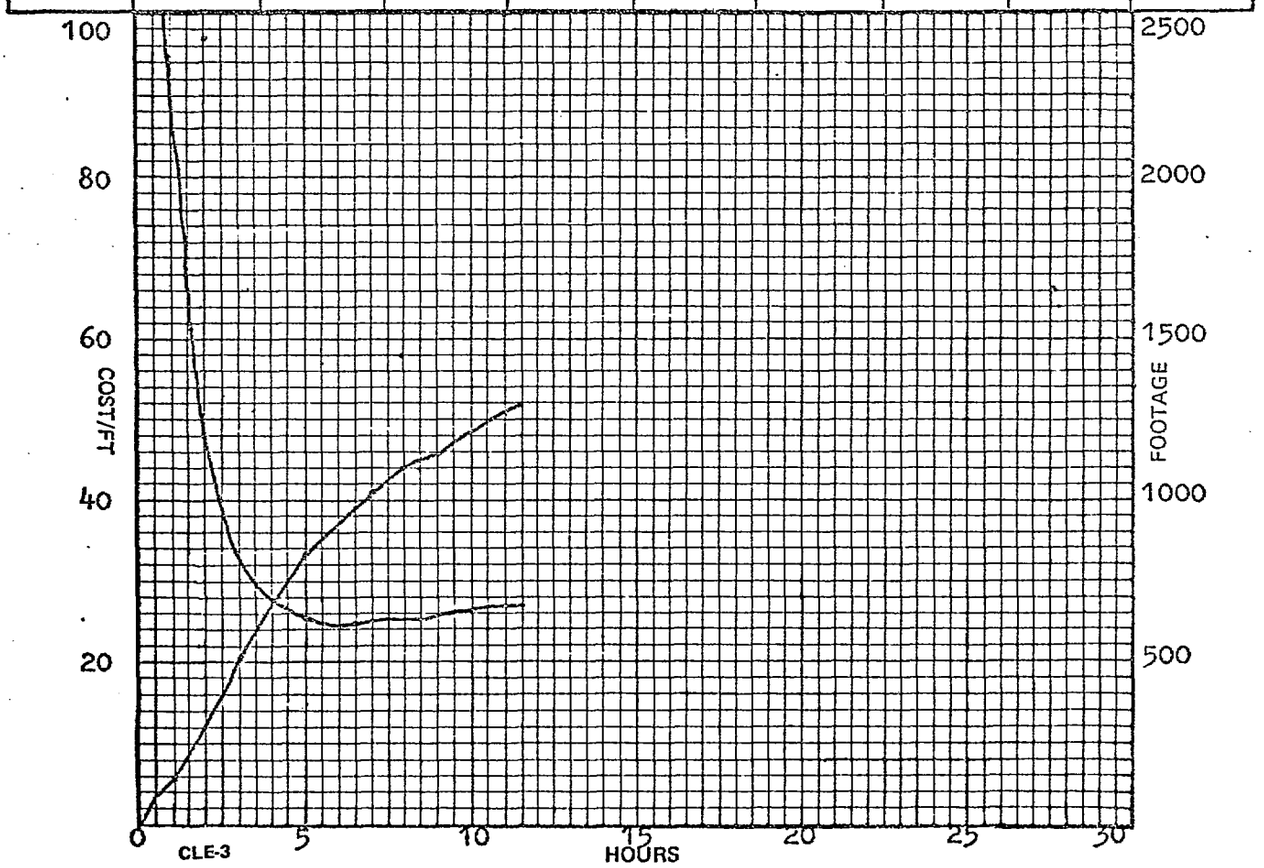
COMPANY.	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	2900' - 4190'

BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC OSC3AJ	12.25	1290'	93000
	COST	JETS	HOURS RUN	CONDITION
	781	18/18/18	11.5	5-8-I

RIG COST/HR. 1700

TRIP TIME 4.5

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
.5	2000	2988	88	182.7					
1.0	6000	3047	147	94.5					
2.0	15000	3203	303	48.0					
3.0	24000	3404	504	33.5					
4.0	31000	3580	680	27.9					
5.0	39000	3730	830	25.5					
6.5	52000	3885	985	24.9					
7.0	66000	3924	1024	25.1					
8.5	68000	3997	1097	25.4					
9.0	72000	4043	1142	25.9					
10.0	81000	4107	1207	26.4					
11.0	89000	4165	1265	26.8					
11.5	93000	4190	1290	27.0					



CORE LAB **ESP**

COST PER FOOT GRAPH

UNIT NO. 1010 BIT NO. 4

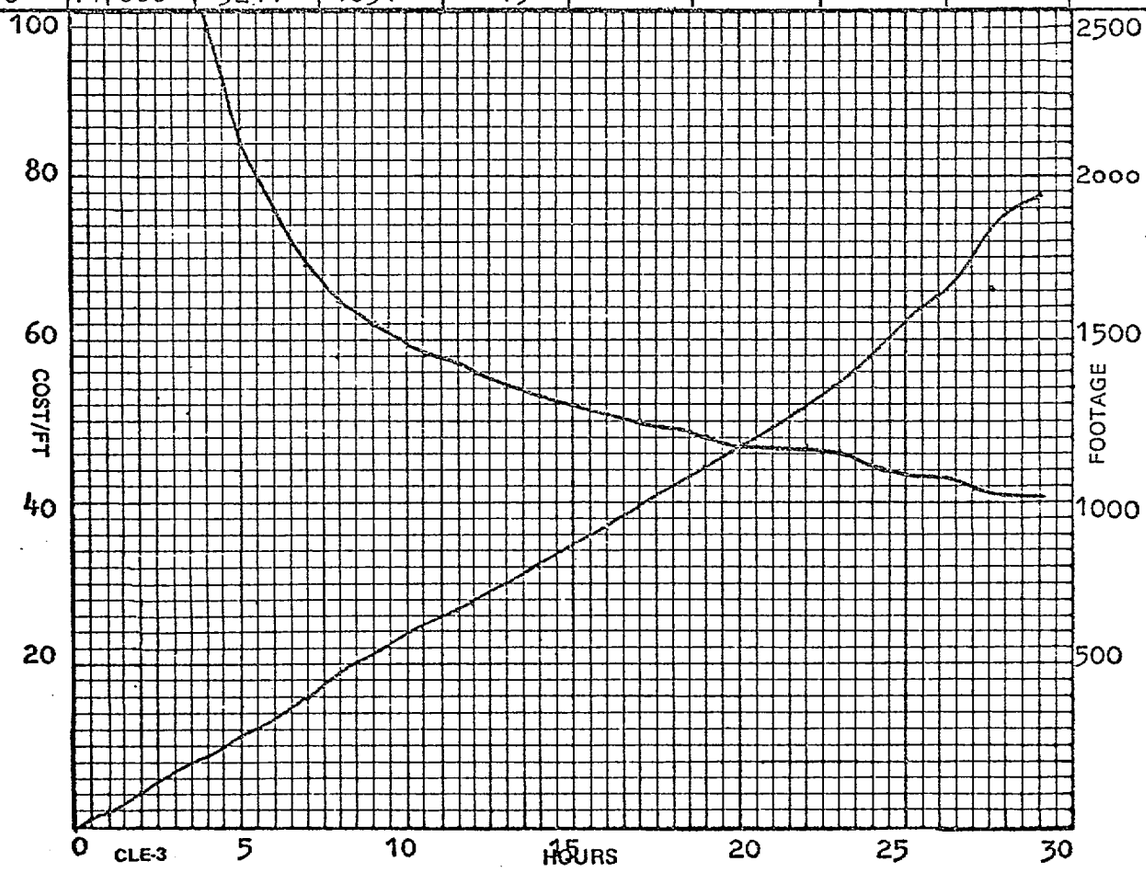
COMPANY.	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	4190' - 6117'

BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC X3A	12.25	1927'	249000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	781	18/18/18	30.0	3-3-I

RIG COST/HR. 1700

TRIP TIME 6.5

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
.5	3000	4210	20	651	19	156000	5297	1107	48
1.0	6000	4229	39	364	20	164000	5357	1167	47
2.0	14000	4291	101	164	21	172000	5420	1230	47
3.0	23000	4349	159	118	22	183000	5487	1297	47
4.0	30000	4402	212	99	23	190000	5550	1360	46
5.0	38000	4465	274	84	24	198000	5634	1444	44.5
6.0	46000	4527	336	76	25	207000	5730	1540	43.78
7.0	54000	4590	399	69	26	216000	5816	1626	42.82
8.0	62000	4656	465	65	27	224000	5908	1718	41.92
9.0	70000	4711	520	62	28	242000	6067	1877	40.72
10.5	83000	4797	606	58	29	249000	6117	1927	40.72
11.5	91000	4850	659	57					
12.0	95000	4876	685	56					
14.0	111000	4992	801	53					
15.0	120000	5055	864	52					
16.0	129000	5113	923	51					
17.0	138000	5182	992	50					
18.0	147000	5241	1051	49					



COST PER FOOT GRAPH

CORE LAB **ESP**

UNIT NO. 1010 BIT NO. 5

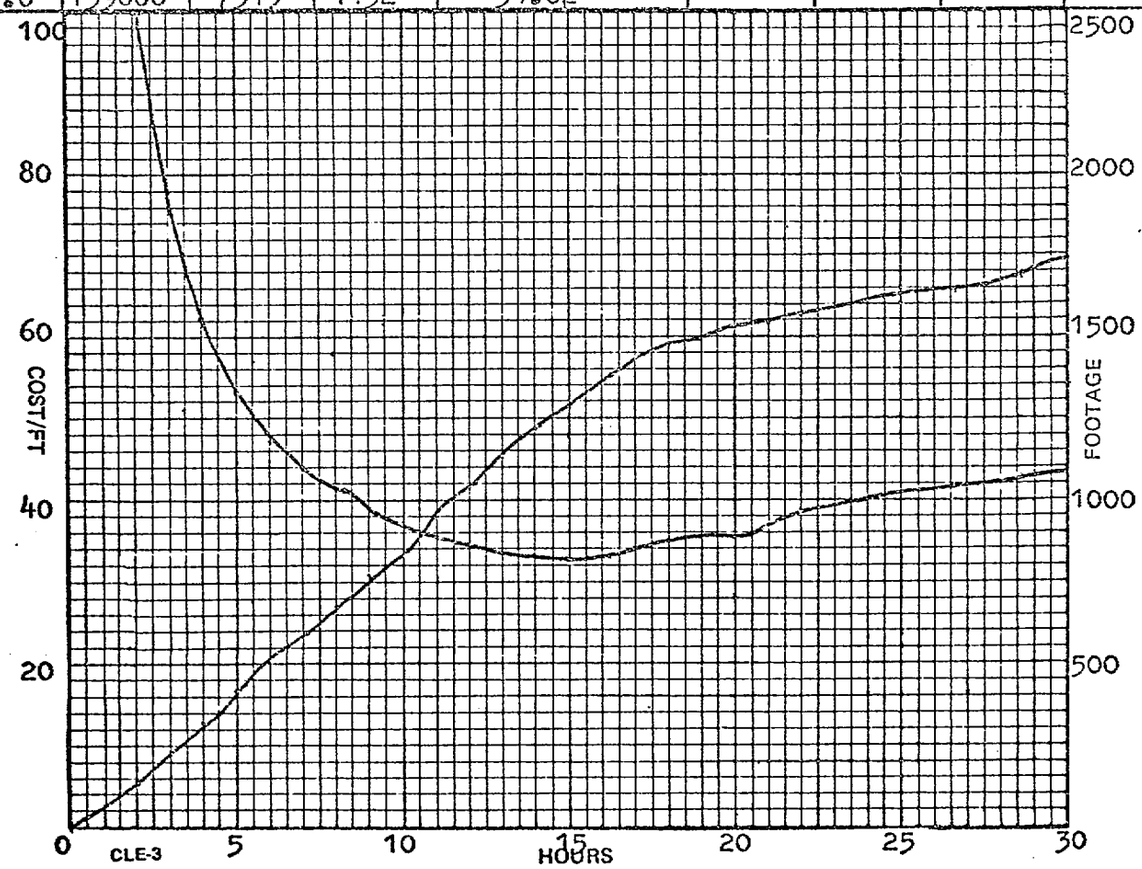
COMPANY.	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	6117' - 7851'

BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC X3A	12.25"	1734'	303000
	COST	JETS	HOURS RUN	CONDITION
	781	18/18/18	36.8	3-6-I

RIG COST/HR. 1700

TRIP TIME 6.5

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
0.5	3000	6144	27	477	18	148000	7580	1463	35.16
1	8000	6175	58	236	19	156000	7608	1491	35.64
2	16000	6254	137	114	20	165000	7636	1519	35.11
3	24000	6342	225	78	21	173000	7658	1541	37.79
4	32000	6436	319	62	22	181000	7677	1560	38.53
5	40000	6531	414	53	24.5	201000	7727	1610	40.18
6	49000	6629	512	47	26.6	218000	7765	1648	41.94
7	57000	6708	591	44	28.6	233000	7806	1689	42.83
8	66000	6793	676	41	29.0	237000	7818	1701	43.03
9	73000	6878	761	39	30.0	244000	7839	1722	43.39
10	82000	6959	842	37	30.3	247000	7851	1734	43.68
11	90000	7075	958	35.6					
12	98000	7155	1038	34.6					
13	106000	7245	1128	33.8					
14	114000	7326	1209	33.4					
15	122000	7403	1286	33.1					
16.3	133000	7497	1380	33.2					
17.0	139000	7549	1432	34.02					



CORE LAB ESP

COST PER FOOT GRAPH

UNIT NO. 1010 BIT NO. 6

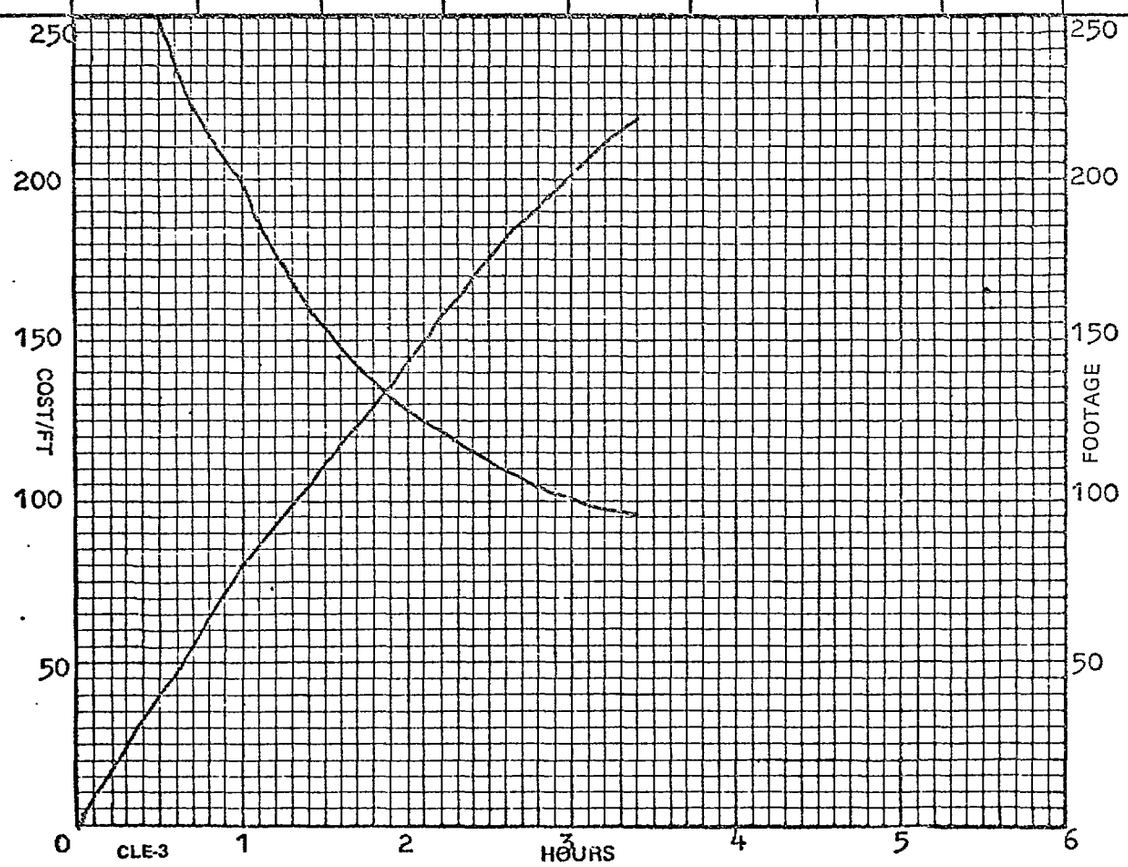
COMPANY	WELL	LOCATION	INTERVAL
ESSO AUSTRALIA	COBIA # 2	GIPPSLAND BASIN	7976' - 8195'

BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC XDG	8.5"	219'	22000
	COST	JETS	HOURS RUN	CONDITION
	548	12/12/12	3.4	2-2-I

RIG COST/HR. 1700

TRIP TIME 8

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	6000	8056	80	200					
2	12000	8118	142	127					
3.2	21000	8187	211	98					
3.4	22000	8195	219	96					



DUMP A

DEPTH	-	Well depth in feet
TIME	-	Time of day in hours and minutes
ROP	-	Rate of penetration in feet per hour
WOB	-	Weight on bit in thousands of pounds
RPM	-	Rotary speed in revolution per minute
MID	-	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 space 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 pounds per gallon. It is derived from the pore pressure, calculated by the program using the Matthews and Kelly equation and an appropriate matric 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 hole size. 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											
805.0	21:43	357.2	3	81	8.7	8.7	8.7	8.60	10.6	92.5	.50
810.0	21:43	426.5	2	85	8.7	8.7	8.8	8.60	10.6	128.0	.41
815.0	21:44	376.6	3	83	8.7	8.7	8.9	8.60	10.6	108.3	.46
820.0	21:45	265.1	2	84	8.6	8.7	8.9	8.60	10.6	128.0	.50
900.0	21:59	519.5	5	85	8.7	8.7	9.4	8.60	10.8	89.4	.47
930.0	22: 8	407.1	2	86	8.8	8.7	9.2	8.60	10.9	119.5	.44
940.0	22: 9	587.2	6	85	8.8	8.7	9.2	8.60	10.9	85.5	.42
955.0	22:15	420.1	5	85	8.7	8.7	9.1	8.60	10.9	86.6	.48
960.0	22:16	465.1	3	80	8.8	8.7	9.1	8.60	10.9	117.0	.41
975.0	22:18	458.6	4	81	8.8	8.7	9.2	8.60	11.0	97.7	.44
85											
980.0	22:19	384.0	5	83	8.8	8.7	9.3	8.60	11.0	86.5	.49
990.0	22:26	293.3	4	84	8.7	8.7	9.1	8.60	11.0	87.6	.54
1000.0	22:28	522.6	5	89	8.8	8.7	9.1	8.60	11.0	86.4	.47
1015.0	22:31	331.3	5	89	8.7	8.7	9.1	8.60	11.0	85.0	.54
1035.0	22:38	391.5	6	88	8.7	8.7	9.1	8.60	11.0	80.3	.52
1040.0	22:39	316.2	6	99	8.7	8.7	9.1	8.60	11.1	75.5	.58
1045.0	22:40	331.5	8	100	8.8	8.7	9.1	8.60	11.1	67.5	.60
1050.0	22:41	315.2	7	101	8.8	8.7	9.2	8.60	11.1	68.1	.61
1055.0	22:42	391.2	9	100	8.8	8.7	9.2	8.60	11.1	64.8	.59
1070.0	22:50	295.7	5	106	8.8	8.7	9.1	8.60	11.1	79.2	.60
108											
1085.0	22:53	245.1	6	99	8.8	8.7	9.1	8.60	11.1	72.4	.65
1090.0	23: 0	177.4	6	99	8.7	8.7	9.1	8.60	11.2	67.4	.71
1100.0	23: 2	201.9	6	94	8.8	8.7	9.0	8.60	11.2	65.0	.69
1110.0	23: 4	361.9	9	93	8.7	8.7	9.1	8.60	11.2	64.3	.59
1115.0	23: 5	263.5	10	92	8.8	8.7	9.1	8.60	11.2	56.6	.67
1120.0	23:11	267.2	6	92	8.8	8.7	9.0	8.60	11.2	71.4	.61
1125.0	23:12	262.4	6	93	8.8	8.7	9.1	8.60	11.2	70.6	.62
1135.0	23:15	191.7	8	94	8.8	8.7	9.1	8.60	11.2	58.2	.73
1140.0	23:16	225.0	10	93	8.7	8.7	9.1	8.60	11.2	54.6	.71
1150.0	0: 0	272.4	9	96	8.8	8.7	9.0	8.60	11.2	57.8	.67
138											
1170.0	0: 5	229.7	9	108	8.8	8.8	9.0	8.60	11.3	56.7	.73
1180.0	23:36	279.4	8	100	8.8	8.8	9.0	8.60	11.3	63.3	.67
1185.0	23:37	341.5	7	113	8.8	8.9	8.9	8.60	11.3	64.7	.63
1210.0	23:50	309.8	6	109	8.9	8.8	9.0	8.60	11.3	67.0	.68
1215.0	23:51	586.2	15	111	8.9	8.8	9.1	8.60	11.4	55.4	.58
1220.0	23:51	523.4	12	105	8.9	8.8	9.1	8.60	11.4	60.1	.57
1230.0	23:53	337.3	11	105	8.9	8.8	9.1	8.60	11.4	57.3	.67
1240.0	23:55	288.1	11	114	8.9	8.8	9.2	8.60	11.4	55.7	.71
1250.0	0: 1	263.0	10	113	8.9	8.8	9.2	8.60	11.4	57.3	.72
1260.0	0: 4	253.3	9	107	8.9	8.8	9.2	8.60	11.4	61.3	.70
167											
1270.0	0: 7	215.2	9	107	8.9	8.8	9.2	8.60	11.4	58.9	.74
1280.0	0:12	365.0	12	119	8.9	8.8	9.2	8.60	11.4	56.6	.67
1290.0	0:14	294.6	10	118	8.9	8.8	9.2	8.60	11.5	59.7	.70
1295.0	0:15	325.5	10	114	8.9	8.8	9.2	8.60	11.5	59.2	.68
1300.0	0:16	379.6	10	115	8.9	8.8	9.1	8.60	11.5	60.0	.66
1310.0	0:21	333.6	13	107	8.9	8.8	8.9	8.60	11.5	50.7	.70
1320.0	0:23	483.1	15	106	8.9	8.8	9.0	8.60	11.5	52.8	.62

DEPTH	TIME	PDP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
195											
1325.0	0:24	318.0	11	107	8.9	8.8	9.1	8.60	11.5	55.3	.68
1330.0	0:26	213.9	13	112	8.9	8.8	9.1	8.60	11.5	46.3	.83
1340.0	0:31	346.2	13	110	8.9	8.8	9.2	8.60	11.5	54.5	.68
1350.0	0:33	349.6	13	108	8.9	8.8	9.2	8.60	11.5	55.2	.67
1360.0	0:35	370.4	13	108	8.9	8.8	9.3	8.60	11.6	56.2	.67
1365.0	0:40	220.4	11	111	8.9	8.8	9.2	8.60	11.6	53.5	.76
1370.0	0:42	227.7	12	112	8.9	8.8	9.2	8.60	11.6	50.7	.77
1375.0	0:43	286.5	11	113	8.9	8.8	9.2	8.60	11.6	55.8	.71
1380.0	0:43	521.4	13	108	8.9	8.8	9.2	8.60	11.6	57.5	.61
1390.0	0:45	274.5	13	106	8.9	8.8	9.2	8.60	11.6	52.9	.72
221											
1395.0	0:46	315.8	13	105	8.9	8.8	9.2	8.60	11.6	55.1	.68
1400.0	0:51	266.9	13	108	8.9	8.8	9.2	8.60	11.6	50.7	.74
1405.0	0:52	294.5	13	111	8.9	8.8	9.2	8.60	11.6	52.3	.72
1410.0	0:53	342.2	13	111	8.9	8.8	9.2	8.60	11.6	53.8	.69
1420.0	0:55	317.3	12	113	8.9	8.8	9.2	8.60	11.6	55.5	.70
1430.0	0:57	409.5	15	105	8.9	8.8	9.3	8.60	11.7	53.7	.65
1435.0	1: 2	210.3	11	110	8.9	8.8	9.2	8.60	11.7	52.7	.78
1440.0	1: 2	328.0	13	110	8.9	8.8	9.2	8.60	11.7	54.0	.69
1450.0	1: 5	257.3	8	109	8.9	8.8	9.3	8.60	11.7	64.4	.68
1460.0	1: 7	360.6	12	106	8.9	8.8	9.3	8.60	11.7	58.9	.65
249											
1470.0	1:13	278.6	9	109	8.9	8.8	9.1	8.60	11.7	62.6	.68
1475.0	1:14	169.3	7	117	8.9	8.9	9.2	8.60	11.7	64.5	.76
1480.0	1:16	228.7	7	115	8.9	8.9	9.2	8.60	11.7	66.8	.70
1485.0	1:17	256.1	8	113	8.9	8.9	9.2	8.60	11.7	65.0	.69
1490.0	1:18	355.7	8	119	8.9	8.8	9.2	8.60	11.7	68.1	.65
1495.0	1:23	213.0	7	121	8.9	8.8	9.2	8.60	11.7	65.0	.74
1500.0	1:24	250.0	8	118	8.9	8.8	9.2	8.60	11.7	65.2	.70
1505.0	1:25	233.5	7	120	8.9	8.8	9.2	8.60	11.8	68.8	.70
1510.0	1:27	228.4	7	120	8.9	8.8	9.2	8.60	11.8	68.3	.70
1515.0	1:28	251.1	9	118	8.9	8.8	9.2	8.60	11.8	61.9	.72
275											
1520.0	1:29	320.4	11	116	8.8	8.8	9.2	8.60	11.8	59.9	.68
1525.0	1:33	361.9	11	96	8.8	8.8	9.1	8.60	11.8	61.2	.62
1530.0	1:34	281.2	10	106	8.8	8.8	9.1	8.60	11.8	59.7	.69
1535.0	1:50	315.8	10	111	8.8	8.8	8.8	8.60	11.8	55.0	.70
1540.0	1:51	175.8	9	115	8.8	8.8	8.8	8.60	11.8	51.0	.82
1550.0	1:54	266.0	11	114	8.8	8.8	8.9	8.60	11.8	51.4	.76
1560.0	2: 1	228.4	11	118	8.8	8.8	9.0	8.60	11.8	52.0	.79
1565.0	2: 2	254.7	12	117	8.8	8.8	9.0	8.60	11.8	51.4	.77
1570.0	2: 3	288.6	10	116	8.8	8.8	9.1	8.60	11.8	59.6	.70
1575.0	2: 5	212.9	10	121	8.8	8.8	9.1	8.60	11.8	53.3	.80
304											
1580.0	2: 7	246.5	11	119	8.8	8.8	9.1	8.60	11.8	52.1	.78
1585.0	2: 7	316.4	12	119	8.8	8.8	9.2	8.60	11.9	56.7	.70
1590.0	2:13	246.4	12	110	8.8	8.8	9.1	8.60	11.9	51.6	.76
1595.0	2:15	235.5	10	110	8.8	8.8	9.1	8.60	11.9	57.7	.74
1600.0	2:16	302.5	11	110	8.8	8.8	9.1	8.60	11.9	55.8	.70
1605.0	2:17	303.2	12	109	8.8	8.8	9.1	8.60	11.9	54.1	.71
1610.0	2:18	254.6	9	113	8.8	8.8	9.1	8.60	11.9	60.9	.71
1615.0	2:19	274.8	10	113	8.8	8.8	9.2	8.60	11.9	58.9	.71
1620.0	2:26	212.7	10	116	8.8	8.8	9.1	8.60	11.9	55.2	.78
1630.0	2:30	150.8	10	113	8.8	8.8	9.1	8.60	11.9	50.8	.85
336											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
336											
1635.0	2:32	173.0	11	111	8.8	8.8	9.1	8.60	11.9	48.3	.84
1640.0	2:33	170.3	11	115	8.8	8.8	9.0	8.60	11.9	48.0	.85
1645.0	2:35	163.0	13	112	8.8	8.8	9.0	8.60	11.9	44.0	.88
1650.0	2:37	203.6	15	115	8.8	8.8	9.0	8.60	11.9	43.2	.86
1660.0	2:45	188.3	11	109	8.8	8.8	9.0	8.60	11.9	48.8	.83
1665.0	2:47	131.7	11	111	8.8	8.8	9.0	8.60	12.0	45.5	.90
1670.0	2:49	179.7	12	108	8.8	8.8	9.0	8.60	12.0	46.0	.85
1675.0	2:51	138.9	12	109	8.8	8.8	9.0	8.60	12.0	45.4	.89
1680.0	2:53	227.7	14	106	8.9	8.7	9.0	8.60	12.0	45.7	.81
1685.0	3: 1	173.0	13	103	8.9	8.7	9.0	8.60	12.0	44.4	.86
372											
1690.0	3: 2	252.1	14	103	8.8	8.7	9.0	8.60	12.0	48.2	.77
1695.0	3: 4	220.7	14	106	8.8	8.7	9.0	8.60	12.0	47.1	.80
1700.0	3: 5	174.4	15	106	8.8	8.7	9.0	8.60	12.0	41.8	.89
1705.0	3: 8	115.2	13	108	8.8	8.7	9.1	8.60	12.0	41.0	.95
1710.0	3:10	207.0	16	105	8.8	8.7	9.1	8.60	12.0	42.7	.85
1720.0	3:17	200.6	13	109	8.9	8.7	9.1	8.60	12.0	47.2	.83
1725.0	3:18	314.6	16	111	8.9	8.7	9.1	8.60	12.0	47.4	.75
1730.0	3:20	228.6	14	114	8.9	8.7	9.1	8.60	12.0	47.2	.81
1740.0	3:22	259.7	13	116	8.9	8.8	9.1	8.60	12.0	51.1	.76
1750.0	3:28	347.7	13	110	8.9	8.8	9.1	8.60	12.0	53.7	.69
404											
1760.0	3:30	244.1	13	112	8.8	8.8	9.1	8.60	12.1	50.9	.78
1765.0	3:31	293.5	14	109	8.9	8.8	9.2	8.60	12.1	51.6	.73
1770.0	3:32	288.0	15	108	8.8	8.8	9.2	8.60	12.1	50.4	.75
1780.0	3:40	173.1	14	108	8.8	8.8	9.2	8.60	12.1	46.0	.85
1785.0	3:41	307.6	15	105	8.9	8.8	9.1	8.60	12.1	49.8	.74
1790.0	3:43	185.5	14	105	8.8	8.8	9.1	8.60	12.1	46.6	.84
1795.0	3:44	398.4	15	107	8.8	8.8	9.2	8.60	12.1	52.4	.68
1800.0	3:45	246.6	12	111	8.8	8.8	9.2	8.60	12.1	53.5	.75
1810.0	3:51	257.2	15	114	8.8	8.8	9.1	8.60	12.1	47.4	.79
1815.0	3:52	248.2	13	117	8.7	8.8	9.1	8.60	12.1	51.4	.77
439											
1820.0	3:54	228.6	12	117	8.7	8.8	9.2	8.60	12.1	51.2	.78
1825.0	3:55	308.6	13	116	8.7	8.8	9.2	8.60	12.1	53.2	.72
1830.0	3:56	190.8	12	118	8.7	8.8	9.1	8.60	12.1	49.3	.83
1835.0	3:57	347.4	19	111	8.7	8.8	9.2	8.60	12.1	46.8	.75
1840.0	4: 3	250.0	18	118	8.8	8.8	9.1	8.60	12.2	40.8	.86
1845.0	4: 4	195.2	21	121	8.8	8.8	9.0	8.60	12.2	35.0	.95
1850.0	4: 6	247.7	16	126	8.8	8.8	9.1	8.60	12.2	43.1	.86
1860.0	4: 7	310.5	16	127	8.9	8.8	9.1	8.60	12.2	46.2	.80
1870.0	4:14	367.3	18	121	8.9	8.8	9.1	8.60	12.2	46.5	.75
1880.0	4:15	428.1	20	105	8.9	8.8	9.3	8.60	12.2	48.4	.69
468											
1885.0	4:16	310.6	17	106	8.9	8.8	9.3	8.60	12.2	49.5	.73
1890.0	4:17	347.4	17	107	8.9	8.8	9.3	8.60	12.2	50.5	.71
1900.0	4:18	464.5	19	113	8.9	8.8	9.3	8.60	12.2	52.0	.66
1910.0	4:23	471.0	18	114	8.9	8.8	9.3	8.60	12.2	52.5	.66
1915.0	4:24	303.3	16	120	8.9	8.8	9.3	8.60	12.2	49.9	.76
1920.0	4:25	365.2	19	118	8.9	8.8	9.3	8.60	12.2	48.2	.74
1925.0	4:26	335.2	19	119	8.9	8.8	9.6	8.60	12.2	50.2	.74
1930.0	4:27	372.3	18	121	8.9	8.8	9.5	8.60	12.2	50.6	.73
1935.0	4:32	334.7	20	103	8.9	8.8	9.3	8.60	12.3	46.7	.74
1940.0	4:33	378.1	21	104	8.9	8.8	9.3	8.60	12.3	46.2	.73
491											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
491											
1950.0	4:35	270.7	23	105	8.9	8.8	9.3	8.60	12.3	40.7	.84
1960.0	4:38	222.0	19	111	8.9	8.8	9.3	8.60	12.3	42.2	.86
1965.0	4:43	312.6	19	103	8.8	8.8	9.3	8.60	12.3	48.4	.74
1970.0	4:44	235.4	22	105	8.8	8.8	9.3	8.60	12.3	41.2	.84
1980.0	4:47	209.8	21	114	8.8	8.8	9.2	8.60	12.3	38.0	.91
1985.0	4:48	259.6	23	117	8.8	8.8	9.2	8.60	12.3	38.7	.87
1990.0	4:49	270.4	22	122	8.8	8.8	9.2	8.60	12.3	39.0	.89
2000.0	4:58	175.5	22	120	8.9	8.8	9.1	8.60	12.3	31.4	1.04
2005.0	4:59	239.8	19	130	8.9	8.8	9.1	8.60	12.3	40.6	.89
2010.0	5: 1	196.3	21	129	8.9	8.8	9.1	8.60	12.3	34.8	.98
528											
2020.0	5: 3	286.0	23	127	8.9	8.8	9.1	8.60	12.3	37.4	.89
2030.0	5:12	249.3	23	105	8.9	8.9	9.1	8.60	12.4	38.3	.86
2035.0	5:13	279.6	19	98	8.9	9.0	9.2	8.60	12.4	45.2	.77
2040.0	5:14	312.9	19	99	8.9	9.0	9.2	8.60	12.4	46.7	.74
2050.0	5:17	220.9	18	101	8.9	9.0	9.2	8.60	12.4	42.2	.85
2060.0	5:20	167.2	21	103	8.9	9.0	9.2	8.60	12.4	36.4	.95
2070.0	5:29	176.2	20	109	8.8	9.0	9.2	8.60	12.4	37.1	.94
2075.0	5:31	274.1	22	106	8.8	9.0	9.2	8.60	12.4	40.5	.83
2080.0	5:32	220.5	22	120	8.8	9.0	9.2	8.60	12.4	38.3	.90
2090.0	5:40	212.9	22	124	8.7	9.0	9.1	8.60	12.4	36.4	.93
567											
2095.0	5:41	314.3	23	120	8.7	9.0	9.1	8.60	12.4	39.5	.84
2100.0	5:43	236.2	22	122	8.7	8.9	9.1	8.60	12.4	36.2	.92
2110.0	5:46	250.4	21	122	8.7	8.9	9.1	8.60	12.4	37.4	.91
2115.0	5:47	219.1	21	123	8.7	8.9	9.0	8.60	12.4	36.0	.94
2120.0	5:52	345.6	19	122	8.7	8.9	9.0	8.60	12.4	44.1	.78
2125.0	5:54	165.6	22	116	8.8	8.9	9.0	8.60	12.5	32.9	1.01
2130.0	5:55	182.3	21	115	8.9	8.9	9.0	8.60	12.5	34.7	.97
2140.0	5:58	234.2	21	114	8.9	8.8	8.9	8.60	12.5	37.3	.90
2145.0	5:59	242.6	21	116	8.9	8.8	9.0	8.60	12.5	37.9	.89
2160.0	6: 7	501.4	20	114	8.9	8.8	9.0	8.60	12.5	47.1	.69
598											
2165.0	6: 9	234.1	21	122	8.8	8.8	9.0	8.60	12.5	36.9	.94
2170.0	6:10	234.4	21	122	8.8	8.8	9.1	8.60	12.5	38.1	.90
2180.0	6:12	273.9	19	122	8.8	8.8	9.2	8.60	12.5	41.9	.88
2190.0	6:19	264.5	16	120	8.8	8.8	9.2	8.60	12.5	48.1	.80
2200.0	6:20	395.5	18	123	8.8	8.8	9.1	8.60	12.5	48.1	.73
2210.0	6:21	661.6	17	122	8.8	8.8	9.2	8.60	12.5	56.7	.59
2220.0	6:31	669.9	17	116	8.8	8.8	9.1	8.60	12.5	54.3	.60
2225.0	6:33	282.5	21	108	8.8	8.8	9.0	8.60	12.6	41.7	.82
2245.0	6:38	280.1	17	111	8.8	8.8	9.1	8.60	12.6	45.6	.80
2250.0	6:39	267.6	20	113	8.9	8.8	9.1	8.60	12.6	42.2	.83
627											
2260.0	6:42	208.6	17	118	8.9	8.8	9.1	8.60	12.6	42.5	.89
2265.0	6:43	400.7	19	116	8.9	8.8	9.1	8.60	12.6	47.9	.72
2270.0	6:44	380.4	20	116	8.9	8.8	9.5	8.60	12.6	50.8	.71
2275.0	6:45	219.0	19	119	8.9	8.8	9.3	8.60	12.6	41.2	.90
2280.0	6:51	264.2	24	100	8.9	8.8	9.2	8.60	12.6	40.2	.83
2290.0	6:53	288.5	20	110	8.9	8.8	9.3	8.60	12.6	44.6	.80
2300.0	6:55	303.1	21	111	8.8	8.8	9.2	8.60	12.6	44.0	.79
2310.0	7: 0	308.2	21	109	8.8	8.8	9.2	8.60	12.6	44.0	.79
2315.0	7: 2	241.3	21	110	8.9	8.8	9.2	8.60	12.6	41.2	.86
2320.0	7: 3	283.4	20	110	8.9	8.8	9.2	8.60	12.6	43.5	.81
657											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
657											
2325.0	7: 4	379.0	20	110	8.9	8.8	9.1	8.60	12.6	46.7	.73
2330.0	7: 6	150.0	23	112	8.9	8.8	9.3	8.60	12.7	33.3	1.03
2340.0	7:19	192.9	22	113	8.9	8.8	9.1	8.60	12.7	35.9	.97
2345.0	7:20	267.8	19	110	8.8	8.8	9.1	8.60	12.7	44.3	.81
2350.0	7:22	319.1	19	110	8.8	8.8	9.2	8.60	12.7	45.7	.77
2355.0	7:24	163.9	20	111	8.8	8.8	9.1	8.60	12.7	36.7	.97
2360.0	7:26	159.1	17	114	8.8	8.8	9.1	8.60	12.7	38.9	.96
2365.0	7:28	163.5	18	113	8.9	8.8	9.1	8.60	12.7	39.0	.94
2370.0	7:29	245.7	19	113	8.9	8.9	9.1	8.60	12.7	42.2	.85
2375.0	7:37	109.1	21	113	8.9	8.9	9.2	8.60	12.7	30.2	1.09
693											
2380.0	7:40	113.4	21	113	8.9	8.9	9.1	8.60	12.7	30.5	1.07
2385.0	7:43	132.5	21	115	8.9	8.9	9.1	8.60	12.7	32.7	1.02
2390.0	7:46	97.2	22	113	8.9	8.9	9.2	8.60	12.7	28.6	1.11
2395.0	7:48	120.5	23	106	8.9	8.9	9.2	8.60	12.7	30.6	1.05
2400.0	7:56	80.6	21	106	8.9	8.9	9.2	8.60	12.7	27.0	1.15
2405.0	7:59	118.0	24	104	8.9	8.9	9.2	8.60	12.7	29.4	1.07
2410.0	8: 3	88.2	21	109	8.9	8.9	9.2	8.60	12.7	29.2	1.11
2415.0	8: 6	159.4	22	107	8.9	8.9	9.2	8.60	12.7	32.9	1.01
2420.0	8:10	98.7	21	109	8.9	8.9	9.1	8.60	12.7	29.5	1.10
2425.0	8:28	101.5	21	107	8.9	8.9	9.1	8.60	12.7	28.7	1.11
732											
2430.0	8:33	79.4	17	110	8.9	8.9	9.1	8.60	12.7	30.1	1.12
2435.0	8:43	132.6	14	110	8.9	8.9	9.1	8.60	12.7	40.7	.93
2440.0	8:45	138.0	12	103	8.9	8.9	9.1	8.60	12.8	44.8	.88
2450.0	8:50	161.8	13	104	8.9	8.9	9.1	8.60	12.8	43.6	.89
2455.0	8:56	109.2	20	108	8.8	8.9	9.1	8.60	12.8	33.1	1.05
2460.0	8:58	145.6	22	120	8.7	8.9	9.1	8.60	12.8	33.0	1.04
2465.0	9: 4	147.2	23	113	8.7	8.9	9.1	8.60	12.8	32.9	1.04
2470.0	9: 6	201.0	27	118	8.9	8.9	9.1	8.60	12.8	32.3	1.00
2480.0	9:10	146.9	28	117	9.0	8.9	9.1	8.60	12.8	28.5	1.09
2485.0	9:12	197.3	28	120	8.9	8.9	9.1	8.60	12.8	31.2	1.02
773											
2490.0	9:14	121.1	27	127	8.9	8.9	9.0	8.60	12.8	24.7	1.19
2500.0	9:25	114.7	24	116	8.8	8.9	9.0	8.60	12.8	28.2	1.13
2505.0	9:27	195.0	26	110	8.8	8.9	9.1	8.60	12.8	31.6	1.02
2510.0	9:29	134.3	27	116	8.8	8.9	9.1	8.60	12.8	28.7	1.09
2520.0	9:36	140.6	27	121	8.8	8.9	9.0	8.60	12.8	26.9	1.14
2525.0	9:39	129.8	28	119	8.8	8.9	9.1	8.60	12.8	26.6	1.14
2530.0	9:45	120.6	25	113	8.8	8.9	9.0	8.60	12.8	28.7	1.10
2535.0	9:47	170.5	23	120	8.8	8.9	9.0	8.60	12.8	32.2	1.03
2540.0	9:49	172.4	26	117	8.7	8.9	9.0	8.60	12.8	30.9	1.04
2545.0	9:52	145.7	28	117	8.7	8.9	9.0	8.60	12.8	27.0	1.12
820											
2550.0	9:54	147.1	29	120	8.7	8.9	9.0	8.60	12.9	26.7	1.13
2555.0	9:57	149.4	28	121	8.7	8.9	9.0	8.60	12.9	26.7	1.13
2560.0	10: 2	181.4	28	118	8.8	8.9	9.0	8.60	12.9	29.5	1.06
2565.0	10: 4	136.9	28	120	8.8	8.9	9.0	8.60	12.9	27.5	1.12
2570.0	10: 6	185.7	28	119	8.8	8.9	9.0	8.60	12.9	30.6	1.03
2580.0	10:10	186.2	28	120	8.8	8.9	9.0	8.60	12.9	29.5	1.06
2585.0	10:13	110.5	28	121	8.8	8.9	9.0	8.60	12.9	25.1	1.18
2590.0	10:19	153.1	26	114	8.8	8.9	9.1	8.60	12.9	29.6	1.09
2595.0	10:22	111.1	30	114	8.8	8.9	9.0	8.60	12.9	24.1	1.19
2600.0	10:24	153.1	29	116	8.8	8.9	9.0	8.60	12.9	28.4	1.08
864											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
864											
2605.0	10:26	173.3	32	114	8.8	8.9	9.1	8.60	12.9	27.2	1.10
2610.0	10:29	96.7	31	116	8.8	8.9	9.0	8.60	12.9	21.6	1.25
2615.0	10:31	134.7	31	116	8.8	8.9	9.0	8.60	12.9	25.9	1.14
2620.0	10:34	129.9	29	117	8.8	8.9	9.0	8.60	12.9	26.0	1.15
2625.0	10:40	200.7	33	115	8.8	8.9	9.0	8.60	12.9	29.4	1.03
2630.0	10:42	193.7	35	124	8.8	8.9	9.0	8.60	12.9	26.4	1.10
2635.0	10:43	197.6	34	126	8.8	8.9	9.0	8.60	12.9	27.2	1.09
2640.0	10:45	204.7	34	127	8.8	8.9	9.0	8.60	12.9	27.7	1.07
2645.0	10:46	219.3	35	128	8.8	8.9	9.0	8.60	12.9	27.2	1.08
2655.0	10:52	252.1	34	112	8.8	8.9	9.2	8.60	12.9	31.1	.99
906											
2660.0	10:54	152.0	35	117	8.8	8.9	9.1	8.60	12.9	25.7	1.13
2665.0	10:57	103.2	35	118	8.7	8.9	9.1	8.60	13.0	20.5	1.27
2670.0	11: 0	156.4	36	118	8.7	8.9	9.1	8.60	13.0	24.0	1.16
2680.0	11: 4	161.4	39	124	8.8	8.9	9.0	8.60	13.0	22.2	1.20
2685.0	11:10	129.5	37	115	8.8	8.9	8.9	8.60	13.0	21.5	1.22
2690.0	11:12	165.4	37	120	8.8	8.9	8.9	8.60	13.0	23.3	1.16
2695.0	11:15	129.6	37	121	8.8	8.9	9.1	8.60	13.0	20.0	1.27
2700.0	11:20	74.3	38	123	8.8	8.9	9.0	8.60	13.0	14.9	1.41
2705.0	11:23	85.8	38	121	8.8	8.9	8.9	8.60	13.0	16.5	1.36
2710.0	11:27	85.3	38	121	8.7	8.9	8.9	8.60	13.0	16.2	1.37
951											
2720.0	11:46	109.4	37	111	8.7	8.9	8.8	8.60	13.0	18.2	1.30
2725.0	11:48	165.5	37	114	8.7	8.9	8.8	8.60	13.0	22.0	1.19
2730.0	11:51	160.4	36	114	8.7	8.9	8.8	8.60	13.0	22.6	1.18
2735.0	11:52	195.2	37	112	8.7	8.9	8.8	8.60	13.0	25.0	1.11
2740.0	11:54	187.4	36	113	8.7	8.9	8.8	8.60	13.0	25.0	1.11
2750.0	12: 3	158.0	30	112	8.7	8.9	8.9	8.60	13.0	28.5	1.08
2755.0	12: 4	200.2	26	118	8.8	8.9	8.9	8.60	13.0	32.9	1.00
2760.0	12: 6	185.6	28	117	8.7	8.9	9.0	8.60	13.0	31.0	1.04
2765.0	12: 8	189.0	27	118	8.8	8.9	9.0	8.60	13.0	32.4	1.02
2770.0	12: 9	206.5	26	118	8.8	8.9	9.0	8.60	13.0	33.9	.99
996											
2775.0	12:11	148.5	26	118	8.8	8.9	9.0	8.60	13.0	30.1	1.08
2780.0	12:19	191.5	27	117	8.8	8.9	9.1	8.60	13.0	33.2	1.01
2785.0	12:20	168.7	28	111	8.8	8.9	9.1	8.60	13.1	31.9	1.03
2790.0	12:22	187.7	27	112	8.8	8.9	9.0	8.60	13.1	33.2	1.00
2795.0	12:24	166.7	27	116	8.8	8.9	9.0	8.60	13.1	31.2	1.05
2800.0	12:26	181.3	27	117	8.8	8.9	9.0	8.60	13.1	32.8	1.02
2805.0	12:27	196.5	27	117	8.8	8.9	9.1	8.60	13.1	33.4	1.00
2810.0	12:34	198.3	25	120	8.8	8.9	9.0	8.60	13.1	34.1	1.00
2815.0	12:36	191.1	27	121	8.8	8.9	8.8	8.60	13.1	30.4	1.08
2820.0	12:38	131.1	30	117	8.8	8.9	8.9	8.60	13.1	25.9	1.16
1033											
2825.0	12:40	164.5	29	118	8.8	8.9	8.9	8.60	13.1	28.6	1.09
2830.0	12:42	164.1	29	119	8.9	8.9	8.9	8.60	13.1	28.1	1.11
2835.0	12:44	152.6	30	117	8.9	8.9	8.9	8.60	13.1	27.2	1.13
2840.0	12:46	119.9	29	119	8.9	8.9	9.0	8.60	13.1	26.9	1.16
2845.0	12:53	145.4	27	120	8.9	8.9	9.1	8.60	13.1	30.7	1.09
2850.0	12:55	150.7	28	120	8.9	8.9	9.1	8.60	13.1	29.3	1.11
2855.0	12:58	122.5	27	121	8.9	8.9	9.1	8.60	13.1	28.9	1.13
2860.0	13: 0	128.0	26	121	8.9	8.9	9.1	8.60	13.1	30.1	1.11
2865.0	13: 2	147.0	26	121	8.9	8.9	9.1	8.60	13.1	32.0	1.07
2870.0	13: 4	135.2	26	121	8.9	8.9	9.1	8.60	13.1	30.2	1.10
1071											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1071											
2875.0	13: 6	212.3	27	122	8.9	8.9	9.1	8.60	13.1	34.3	1.00
2880.0	13:16	122.3	28	118	8.9	8.9	9.1	8.60	13.1	28.1	1.14
2890.0	13:20	142.2	29	116	8.9	8.9	9.1	8.60	13.1	29.2	1.10
2895.0	13:22	168.2	29	117	8.9	8.9	9.1	8.60	13.1	29.8	1.09
2900.0	13:24	163.6	27	122	8.9	8.9	9.1	8.60	13.1	31.4	1.07
2920.0	8:39	95.1	15	88	9.0	9.1	9.2	8.60	13.2	33.2	1.05
2930.0	8:41	85.5	18	101	9.0	9.0	9.2	8.60	13.2	28.4	1.16
2940.0	36:24	104.5	20	99	9.0	9.0	9.1	8.60	13.2	26.9	1.15
2945.0	36:24	68.2	21	84	9.0	9.0	9.1	8.60	13.2	23.1	1.24
2950.0	36:24	92.6	25	90	9.0	9.0	9.1	8.60	13.2	21.6	1.23
1115											
2955.0	36:24	106.7	26	94	9.0	9.0	9.1	8.60	13.2	22.1	1.21
2960.0	36:24	101.2	27	94	9.0	9.0	9.1	8.60	13.2	21.4	1.23
2965.0	36:24	96.3	23	93	9.0	9.0	9.1	8.60	13.2	23.5	1.21
2970.0	36:24	122.2	24	101	8.7	8.9	8.8	8.60	13.2	23.0	1.20
2975.0	36:24	132.1	23	103	8.8	8.9	8.9	8.60	13.2	24.6	1.16
2980.0	36:24	136.9	23	107	8.8	8.9	8.9	8.60	13.2	24.4	1.17
2985.0	36:24	148.2	24	111	8.8	8.9	8.9	8.60	13.2	25.0	1.15
2990.0	0: 0	113.7	23	108	8.8	8.9	8.9	8.60	13.2	22.9	1.22
2995.0	10: 3	120.2	24	107	8.8	8.9	8.9	8.60	13.2	21.7	1.22
3000.0	10: 9	107.7	23	117	8.8	8.9	8.9	8.60	13.2	21.8	1.26
1159											
3005.0	10:11	132.7	25	126	8.8	8.9	8.9	8.60	13.2	21.5	1.25
3010.0	10:13	159.5	25	138	8.8	8.9	8.9	8.60	13.2	22.8	1.22
3015.0	10:16	139.8	25	138	8.8	8.9	8.9	8.60	13.2	22.0	1.25
3020.0	10:18	155.9	25	138	8.8	8.9	9.0	8.60	13.2	23.0	1.22
3025.0	10:20	178.6	26	138	8.8	8.9	9.0	8.60	13.2	24.2	1.19
3030.0	10:25	151.1	25	136	8.7	8.9	9.0	8.60	13.2	23.3	1.22
3035.0	10:27	160.7	25	142	8.8	8.9	9.0	8.60	13.2	23.6	1.22
3040.0	10:29	148.0	25	140	8.8	9.0	9.0	8.60	13.3	23.4	1.23
3045.0	10:32	122.2	24	138	8.8	9.1	9.0	8.60	13.3	22.0	1.28
3050.0	10:41	80.7	25	140	8.8	9.0	9.0	8.60	13.3	16.5	1.42
1203											
3055.0	10:44	125.0	24	138	8.8	9.1	9.0	8.60	13.3	22.3	1.27
3060.0	10:49	213.0	24	134	8.8	9.0	8.9	8.60	13.3	27.5	1.11
3065.0	10:51	147.3	25	145	8.8	8.9	9.0	8.60	13.3	22.7	1.25
3070.0	10:53	174.1	26	144	8.8	8.9	9.0	8.60	13.3	23.9	1.21
3075.0	10:55	185.4	26	145	8.8	9.0	9.0	8.60	13.3	24.2	1.20
3080.0	10:57	163.9	24	148	8.8	9.0	9.0	8.60	13.3	24.9	1.21
3085.0	10:59	162.5	25	146	8.8	9.0	9.0	8.60	13.3	23.8	1.22
3090.0	11: 6	166.5	25	136	8.8	9.0	9.0	8.60	13.3	24.8	1.20
3095.0	11: 8	156.5	27	139	8.7	8.9	9.0	8.60	13.3	22.8	1.24
3100.0	11:10	150.9	27	140	8.8	9.0	9.0	8.60	13.3	22.2	1.25
1246											
3105.0	11:12	155.7	27	142	8.8	8.9	9.0	8.60	13.3	22.8	1.24
3110.0	11:14	184.6	26	143	8.9	9.0	9.0	8.60	13.3	25.1	1.19
3115.0	11:16	161.9	27	144	8.9	9.1	9.0	8.60	13.3	23.3	1.23
3120.0	11:22	150.2	25	135	8.8	9.0	9.1	8.60	13.3	24.8	1.21
3130.0	11:24	170.4	27	146	8.9	8.9	9.1	8.60	13.3	24.6	1.21
3135.0	11:26	212.8	29	145	8.8	9.1	9.1	8.60	13.3	25.3	1.16
3140.0	11:28	164.6	27	148	8.8	9.1	9.1	8.60	13.3	24.2	1.22
3145.0	11:29	184.7	28	147	8.9	9.0	9.1	8.60	13.3	24.5	1.20
3150.0	11:31	161.0	28	148	8.9	9.0	9.1	8.60	13.3	23.3	1.24
3160.0	11:38	183.7	26	145	8.9	9.0	9.1	8.60	13.3	26.1	1.17
1289											

DEPTH	TIME	POP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1289											
3165.0	11:39	180.4	28	140	8.9	9.0	9.1	8.60	13.3	24.7	1.19
3170.0	11:41	162.6	27	142	8.9	9.1	9.1	8.60	13.3	24.2	1.22
3175.0	11:43	168.6	26	145	8.9	9.1	9.1	8.60	13.4	25.5	1.20
3180.0	11:45	157.4	27	144	8.9	9.1	9.1	8.60	13.4	24.5	1.22
3185.0	11:54	145.1	26	144	8.9	9.1	9.1	8.60	13.4	23.7	1.24
3190.0	11:55	166.0	29	147	8.9	8.9	9.1	8.60	13.4	23.2	1.24
3195.0	11:57	164.1	27	150	8.9	9.2	9.1	8.60	13.4	24.1	1.23
3200.0	11:59	169.1	29	149	9.0	9.1	9.1	8.60	13.4	23.3	1.24
3205.0	12: 1	200.2	28	151	8.9	9.1	9.1	8.60	13.4	25.1	1.20
3210.0	12: 3	162.1	29	151	8.9	9.1	9.1	8.60	13.4	22.8	1.26
1331											
3215.0	12: 4	182.2	29	151	9.0	9.1	9.1	8.60	13.4	24.2	1.22
3220.0	12:14	179.5	29	141	8.9	9.0	9.1	8.60	13.4	24.6	1.20
3225.0	12:16	151.2	29	142	9.0	9.1	9.1	8.60	13.4	22.9	1.25
3230.0	12:18	191.1	31	130	9.0	9.1	9.1	8.60	13.4	24.0	1.19
3240.0	12:21	200.2	35	121	9.0	9.0	9.1	8.60	13.4	23.3	1.18
3245.0	12:23	178.4	34	122	9.0	9.0	9.2	8.60	13.4	22.8	1.21
3250.0	12:29	191.3	32	136	9.0	9.0	9.2	8.60	13.4	24.2	1.20
3255.0	12:31	223.5	35	144	9.0	9.0	9.2	8.60	13.4	24.0	1.19
3260.0	12:32	242.5	37	143	9.0	9.0	9.2	8.60	13.4	24.0	1.17
3265.0	12:33	245.1	35	145	9.0	9.0	9.2	8.60	13.4	25.0	1.16
1369											
3270.0	12:34	256.4	36	145	9.0	9.0	9.2	8.60	13.4	25.0	1.15
3275.0	12:35	237.6	36	145	9.0	9.0	9.2	8.60	13.4	24.1	1.18
3280.0	12:43	243.8	35	142	9.0	9.0	9.2	8.60	13.4	25.1	1.16
3285.0	12:44	229.5	36	139	9.0	9.0	9.2	8.60	13.4	23.9	1.18
3290.0	12:45	238.4	36	139	9.0	9.0	9.2	8.60	13.4	24.5	1.17
3295.0	12:46	239.2	36	140	9.0	9.0	9.2	8.60	13.4	24.3	1.17
3300.0	12:48	232.7	36	141	9.0	9.0	9.2	8.60	13.4	24.2	1.18
3305.0	12:49	222.0	37	141	8.9	9.0	9.2	8.60	13.4	23.1	1.21
3310.0	12:57	156.4	37	112	8.9	9.1	9.2	8.60	13.4	22.3	1.23
3315.0	12:58	228.4	36	143	9.0	9.0	9.2	8.60	13.5	24.6	1.19
1389											
3320.0	13: 0	186.0	36	144	9.0	9.0	9.2	8.60	13.5	22.4	1.26
3325.0	13: 1	200.8	36	145	8.9	9.0	9.2	8.60	13.5	23.1	1.24
3330.0	13: 3	199.1	35	145	8.9	9.0	9.2	8.60	13.5	23.4	1.24
3335.0	13: 4	215.6	34	147	9.0	9.0	9.2	8.60	13.5	24.5	1.21
3340.0	13: 6	183.9	35	147	8.9	9.0	9.2	8.60	13.5	22.9	1.26
3345.0	13:13	190.2	35	117	8.9	9.0	9.1	8.60	13.5	25.3	1.17
3350.0	13:15	193.3	35	142	9.0	9.0	9.2	8.60	13.5	23.4	1.25
3360.0	13:18	190.4	35	143	9.0	9.0	9.1	8.60	13.5	23.1	1.26
3365.0	13:19	171.6	36	144	9.0	9.0	9.2	8.60	13.5	22.0	1.29
3375.0	13:27	154.5	35	143	9.0	9.0	9.2	8.60	13.5	21.7	1.31
1429											
3380.0	13:28	166.4	35	144	8.9	9.0	9.2	8.60	13.5	22.4	1.29
3385.0	13:32	98.0	36	146	9.0	9.0	9.2	8.60	13.5	16.5	1.48
3390.0	13:35	133.9	37	145	9.0	9.0	9.2	8.60	13.5	18.9	1.39
3395.0	13:37	204.3	37	143	9.0	9.1	9.2	8.60	13.5	23.5	1.24
3400.0	13:38	231.7	38	142	9.0	9.1	9.2	8.60	13.5	24.5	1.20
3405.0	13:44	186.1	35	103	9.0	9.0	9.2	8.60	13.5	25.9	1.15
3410.0	13:45	245.3	37	151	9.0	9.1	9.2	8.60	13.5	25.1	1.20
3415.0	13:46	219.4	39	136	9.0	9.0	9.2	8.60	13.5	23.7	1.22
3420.0	13:48	198.6	39	136	9.0	9.0	9.2	8.60	13.5	22.8	1.25
3425.0	13:49	200.1	39	136	9.0	9.0	9.2	8.60	13.5	23.0	1.25
1458											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1458											
3430.0	13:51	175.0	39	137	9.0	9.0	9.2	8.60	13.5	21.4	1.30
3435.0	13:57	187.0	36	136	9.0	9.0	9.2	8.60	13.5	23.4	1.25
3440.0	13:58	210.8	38	134	9.0	9.0	9.2	8.60	13.5	24.1	1.22
3445.0	14: 0	211.8	39	134	9.0	9.0	9.2	8.60	13.5	23.8	1.22
3450.0	14: 1	222.1	39	134	9.0	9.0	9.2	8.60	13.5	24.3	1.21
3455.0	14: 2	195.0	39	138	9.0	9.0	9.2	8.60	13.6	22.9	1.26
3460.0	14: 4	222.4	39	140	9.0	9.0	9.2	8.60	13.6	24.1	1.23
3465.0	14: 6	174.4	39	141	9.0	9.1	9.2	8.60	13.6	21.7	1.30
3470.0	14:11	181.4	39	130	9.0	9.1	9.2	8.60	13.6	22.1	1.28
3475.0	14:12	182.0	38	136	9.0	9.0	9.2	8.60	13.6	22.9	1.27
1490											
3480.0	14:14	219.5	38	136	9.0	9.0	9.2	8.60	13.6	24.5	1.21
3490.0	14:17	220.0	38	137	9.0	9.1	9.2	8.60	13.6	24.8	1.21
3495.0	14:18	196.6	38	137	9.2	9.1	9.2	8.60	13.6	23.6	1.25
3500.0	14:24	180.4	31	126	9.0	9.0	9.2	8.60	13.6	27.8	1.17
3505.0	14:25	198.5	30	134	9.1	9.0	9.2	8.60	13.6	29.1	1.15
3510.0	14:27	210.8	40	139	9.0	9.2	9.3	8.60	13.6	23.6	1.24
3515.0	14:28	211.7	40	140	9.1	9.2	9.3	8.60	13.6	23.7	1.24
3520.0	14:30	242.3	39	141	9.1	9.2	9.3	8.60	13.6	25.3	1.19
3530.0	14:37	196.7	39	142	9.0	9.2	9.3	8.60	13.6	23.4	1.26
3535.0	14:39	194.8	38	139	9.0	9.1	9.2	8.60	13.6	23.8	1.25
1520											
3540.0	14:41	169.0	40	140	9.0	9.1	9.3	8.60	13.6	21.5	1.32
3545.0	14:43	161.2	39	139	9.1	9.0	9.3	8.60	13.6	21.6	1.32
3550.0	14:45	131.5	37	141	9.1	9.0	9.3	8.60	13.6	20.0	1.38
3555.0	14:47	170.3	38	142	9.1	9.1	9.3	8.60	13.6	22.6	1.30
3560.0	14:48	175.3	38	142	9.0	9.1	9.3	8.60	13.6	22.8	1.29
3565.0	14:54	163.8	36	137	9.0	9.1	9.2	8.60	13.6	23.2	1.29
3570.0	14:56	174.7	38	140	9.0	9.1	9.3	8.60	13.6	23.0	1.29
3580.0	15: 0	175.3	39	142	9.1	9.2	9.3	8.60	13.6	22.3	1.30
3585.0	15: 1	159.9	39	142	9.1	9.1	9.3	8.60	13.6	21.4	1.34
3590.0	15: 4	122.2	39	142	9.1	9.1	9.3	8.60	13.6	18.8	1.42
1565											
3595.0	15: 9	203.0	36	121	9.1	9.1	9.3	8.60	13.6	26.9	1.16
3600.0	15:11	170.6	39	142	9.1	9.0	9.3	8.60	13.6	22.6	1.30
3605.0	15:13	168.7	39	142	9.1	9.2	9.3	8.60	13.6	22.5	1.31
3610.0	15:15	182.9	38	142	9.1	9.1	9.3	8.60	13.7	23.3	1.28
3615.0	15:17	155.3	38	144	9.1	9.1	9.3	8.60	13.7	22.0	1.33
3620.0	15:19	199.6	38	144	9.1	9.1	9.3	8.60	13.7	24.4	1.25
3625.0	15:25	143.2	37	137	9.1	9.1	9.3	8.60	13.7	21.7	1.34
3630.0	15:27	134.4	32	145	9.0	9.1	9.3	8.60	13.7	23.4	1.32
3635.0	15:29	152.4	32	145	9.1	9.2	9.3	8.60	13.7	25.0	1.27
3640.0	15:31	128.9	36	145	9.1	9.2	9.3	8.60	13.7	21.4	1.37
1607											
3645.0	15:33	185.7	38	145	9.1	9.2	9.3	8.60	13.7	23.6	1.28
3650.0	15:36	137.0	38	145	9.1	9.2	9.3	8.60	13.7	20.8	1.38
3655.0	15:38	157.6	38	145	9.1	9.2	9.3	8.60	13.7	22.0	1.33
3660.0	15:44	126.8	37	141	9.1	9.2	9.3	8.60	13.7	21.0	1.38
3665.0	15:46	158.3	40	142	9.0	9.2	9.3	8.60	13.7	21.3	1.35
3670.0	15:48	144.1	39	143	9.1	9.2	9.3	8.60	13.7	21.1	1.36
3675.0	15:50	151.3	39	144	9.0	9.2	9.3	8.60	13.7	21.3	1.35
3680.0	15:53	150.9	40	144	9.0	9.1	9.3	8.60	13.7	21.1	1.36
3685.0	15:55	147.4	39	145	8.9	9.0	9.3	8.60	13.7	21.0	1.37
3690.0	16: 2	139.5	37	127	8.9	9.0	9.2	8.60	13.7	21.8	1.33
1652											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1652											
3695.0	16: 4	148.1	36	142	9.0	9.0	9.2	8.60	13.7	21.9	1.34
3700.0	16: 6	171.2	37	142	9.0	9.0	9.2	8.60	13.7	22.5	1.32
3705.0	16: 8	179.7	37	142	8.9	9.0	9.2	8.60	13.7	23.7	1.28
3710.0	16: 9	186.9	37	141	9.0	9.1	9.1	8.60	13.7	24.2	1.27
3715.0	16:11	188.4	36	142	8.9	9.1	9.1	8.60	13.7	24.3	1.27
3720.0	16:17	220.9	37	141	9.0	9.1	9.1	8.60	13.7	25.3	1.23
3725.0	16:19	146.1	37	139	8.9	9.1	9.2	8.60	13.7	21.2	1.36
3730.0	16:20	169.3	37	140	9.0	9.1	9.2	8.60	13.7	23.1	1.31
3735.0	16:22	201.5	37	141	9.0	9.1	9.2	8.60	13.7	24.8	1.25
3740.0	16:24	154.4	36	141	9.0	9.1	9.2	8.60	13.7	22.5	1.33
1686											
3745.0	16:27	128.4	37	142	9.0	9.1	9.2	8.60	13.7	20.4	1.40
3750.0	16:33	151.3	36	141	9.0	9.1	9.2	8.60	13.7	22.6	1.33
3755.0	16:35	152.3	37	140	9.0	9.1	9.2	8.60	13.7	22.2	1.34
3760.0	16:37	165.3	35	143	9.0	9.1	9.1	8.60	13.7	22.9	1.33
3765.0	16:40	127.2	36	143	8.9	9.1	9.1	8.60	13.7	20.6	1.40
3770.0	16:42	111.8	38	142	8.9	9.1	9.1	8.60	13.8	18.7	1.46
3775.0	16:46	93.4	38	143	8.9	9.1	9.1	8.60	13.8	16.2	1.54
3780.0	16:49	99.8	38	143	8.9	9.1	9.1	8.60	13.8	17.0	1.51
3785.0	16:57	90.5	35	140	8.9	9.1	9.1	8.60	13.8	17.2	1.52
3790.0	17: 1	87.4	38	144	9.0	9.1	9.1	8.60	13.8	15.6	1.56
1733											
3795.0	17: 4	98.3	38	144	9.0	9.1	9.1	8.60	13.8	16.9	1.52
3800.0	17: 7	95.4	38	144	9.0	9.1	9.1	8.60	13.8	16.6	1.53
3805.0	17:11	98.6	38	145	9.0	9.1	9.1	8.60	13.8	16.9	1.52
3810.0	17:14	125.6	38	142	8.9	9.1	9.1	8.60	13.8	18.6	1.46
3815.0	17:24	119.8	37	140	8.9	9.1	9.1	8.60	13.8	20.0	1.42
3820.0	17:27	112.1	36	140	8.9	9.1	9.1	8.60	13.8	19.8	1.43
3830.0	17:29	125.6	36	140	8.9	9.1	9.1	8.60	13.8	21.1	1.39
3835.0	17:32	92.9	36	140	8.9	9.1	9.1	8.60	13.8	18.0	1.50
3840.0	17:35	118.8	36	140	9.0	9.1	9.1	8.60	13.8	20.4	1.42
3850.0	17:44	80.9	36	137	8.9	9.1	9.1	8.60	13.8	16.5	1.55
1783											
3855.0	17:48	81.7	36	143	8.9	9.1	9.1	8.60	13.8	16.4	1.55
3860.0	17:52	76.4	37	143	8.9	9.1	9.1	8.60	13.8	15.5	1.58
3865.0	17:56	85.6	37	144	9.0	9.1	9.1	8.60	13.8	16.5	1.55
3870.0	17:59	94.7	37	144	9.0	9.1	9.1	8.60	13.8	17.3	1.52
3880.0	18:13	94.3	37	138	9.0	9.1	9.1	8.60	13.8	17.5	1.51
3885.0	18:17	71.3	37	133	9.0	9.1	9.1	8.60	13.8	15.0	1.59
3890.0	18:22	76.9	38	133	9.0	9.1	9.1	8.60	13.8	15.2	1.59
3895.0	18:27	67.0	37	133	9.0	9.1	9.1	8.60	13.8	14.5	1.61
3900.0	18:32	61.9	37	132	9.0	9.1	9.1	8.60	13.8	13.0	1.62
3905.0	18:42	99.2	35	132	9.0	9.1	9.1	8.60	13.8	18.2	1.45
1837											
3910.0	18:44	77.9	33	136	9.0	9.1	9.1	8.60	13.8	17.6	1.49
3915.0	18:48	78.9	34	138	9.0	9.1	9.1	8.60	13.8	16.8	1.52
3920.0	18:53	72.4	34	139	8.9	9.1	9.1	8.60	13.8	15.8	1.55
3925.0	18:57	72.0	35	139	8.9	9.1	9.1	8.60	13.8	15.2	1.57
3930.0	19: 3	56.6	38	139	9.0	9.1	9.1	8.60	13.8	11.3	1.69
3935.0	19: 8	60.4	38	139	9.0	9.1	9.1	8.60	13.9	12.3	1.66
3940.0	19:18	62.0	38	133	9.0	9.1	9.1	8.60	13.9	13.2	1.63
3945.0	19:23	59.8	38	139	9.0	9.1	9.1	8.60	13.9	11.9	1.67
3950.0	19:28	60.2	36	141	9.0	9.1	9.1	8.60	13.9	13.2	1.64
3955.0	19:34	52.8	37	141	8.9	9.1	9.1	8.60	13.9	11.6	1.69
1886											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDD	ECD	PP	FG	PDR	DEXP
1886											
3960.0	19:39	59.7	37	140	8.9	9.1	9.1	8.60	13.9	12.7	1.66
3965.0	19:44	60.0	37	140	8.9	9.1	9.1	8.60	13.9	12.8	1.65
3970.0	19:56	60.6	37	141	8.9	9.1	9.1	8.60	13.9	12.7	1.66
3975.0	20: 0	64.9	37	140	9.0	9.1	9.0	8.60	13.9	13.3	1.64
3980.0	20: 6	59.8	37	139	8.9	9.1	9.1	8.60	13.9	12.6	1.67
3985.0	20:11	58.0	36	140	8.9	9.1	9.1	8.60	13.9	13.6	1.67
3990.0	20:17	58.3	35	141	8.9	9.1	9.1	8.60	13.9	13.5	1.68
3995.0	20:23	54.8	37	140	8.9	9.1	9.1	8.60	13.9	12.9	1.69
4000.0	20:33	77.3	35	131	8.9	9.1	9.0	8.60	13.9	17.1	1.55
4005.0	20:37	73.5	36	140	8.9	9.1	9.0	8.60	13.9	15.8	1.60
1931											
4010.0	20:42	68.1	36	141	8.9	9.1	9.0	8.60	13.9	14.8	1.63
4015.0	20:46	77.7	36	142	8.9	9.1	9.0	8.60	13.9	15.8	1.60
4020.0	20:50	71.8	36	142	8.9	9.1	9.0	8.60	13.9	15.5	1.61
4025.0	20:55	68.9	36	142	8.8	9.1	9.0	8.60	13.9	14.9	1.63
4030.0	21: 0	69.7	37	143	9.9	9.1	9.0	8.60	13.9	14.9	1.63
4035.0	21: 7	77.1	36	124	8.9	9.1	9.0	8.60	13.9	17.5	1.53
4040.0	21:12	62.4	39	143	9.0	9.1	9.0	8.60	13.9	13.0	1.70
4045.0	21:16	92.5	38	143	9.1	9.1	9.1	8.60	14.0	16.8	1.56
4050.0	21:21	62.8	39	144	9.0	9.1	9.1	8.60	14.0	13.4	1.69
4055.0	21:26	62.7	39	144	9.1	9.1	9.2	8.60	14.0	14.0	1.67
1978											
4060.0	21:32	57.8	40	144	9.1	9.1	9.2	8.60	14.0	13.0	1.70
4070.0	21:43	72.2	39	140	9.1	9.1	9.2	8.60	14.0	15.2	1.62
4075.0	21:48	67.9	40	141	9.2	9.1	9.2	8.60	14.0	14.6	1.64
4080.0	21:53	57.7	40	142	9.2	9.2	9.3	8.60	14.0	13.3	1.69
4085.0	21:59	52.0	40	141	9.2	9.2	9.3	8.60	14.0	12.5	1.72
4090.0	22: 5	56.2	40	141	9.1	9.2	9.3	8.60	14.0	13.5	1.68
4095.0	22:10	57.7	40	141	9.1	9.2	9.3	8.60	14.0	13.5	1.68
4100.0	22:24	55.4	39	135	9.3	9.2	9.3	8.60	14.0	14.3	1.66
4105.0	22:29	58.2	38	139	9.3	9.2	9.3	8.60	14.0	15.1	1.64
4110.0	22:34	64.4	38	140	9.3	9.2	9.4	8.60	14.0	16.6	1.59
2029											
4115.0	22:39	60.6	38	142	9.2	9.2	9.4	8.60	14.0	15.9	1.62
4120.0	22:43	67.5	37	142	9.2	9.2	9.4	8.60	14.0	17.1	1.58
4130.0	22:57	59.1	35	141	9.0	9.1	9.3	8.60	14.0	16.4	1.61
4135.0	23: 2	69.8	33	140	9.0	9.1	9.2	8.60	14.0	18.7	1.54
4140.0	23: 8	53.8	33	142	9.0	9.1	9.1	8.60	14.0	15.8	1.63
4145.0	23:12	63.9	32	141	9.0	9.1	9.1	8.60	14.0	17.7	1.57
4150.0	23:17	71.5	33	142	9.0	9.1	9.1	8.60	14.0	17.7	1.57
4155.0	23:23	63.6	33	141	9.0	9.1	9.1	8.60	14.1	16.7	1.61
4160.0	23:31	60.2	32	134	9.0	9.1	9.1	8.60	14.1	17.8	1.57
4165.0	23:41	66.3	32	133	9.0	9.1	9.1	8.60	14.1	18.6	1.54
2081											
4170.0	23:47	55.5	31	138	9.0	9.1	9.1	8.60	14.1	16.9	1.61
4175.0	23:54	48.0	37	135	9.0	9.1	9.1	8.60	14.1	13.0	1.72
4180.0	0: 0	49.6	37	132	9.0	9.1	9.1	8.60	14.1	13.5	1.70
4185.0	0: 6	56.9	38	139	9.0	9.1	9.1	8.60	14.1	14.0	1.69
4190.0	0: 9	40.2	37	147	9.0	9.1	9.1	8.60	14.1	11.1	1.80
4195.0	6: 3	37.0	21	101	9.1	9.2	9.2	8.60	14.1	20.9	1.47
4200.0	6:12	33.3	23	98	9.1	9.2	9.2	8.60	14.1	19.9	1.49
4205.0	6:21	34.8	23	100	9.1	9.2	9.2	8.60	14.1	19.8	1.49
4210.0	6:28	41.3	23	103	9.1	9.2	9.2	8.60	14.1	21.2	1.45
4215.0	6:35	40.8	23	107	9.1	9.2	9.2	8.60	14.1	21.3	1.46
2131											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
2131											
4220.0	6:43	39.8	22	107	9.1	9.2	9.2	8.60	14.1	21.4	1.46
4225.0	7: 2	49.8	25	127	9.1	9.2	9.2	8.60	14.1	20.1	1.49
4230.0	7: 7	59.7	27	142	9.1	9.2	9.2	8.60	14.1	20.0	1.50
4235.0	7:13	58.6	28	140	9.1	9.2	9.2	8.60	14.1	19.6	1.51
4240.0	7:18	65.5	30	140	9.1	9.2	9.2	8.60	14.1	19.1	1.52
4245.0	7:27	55.4	38	138	9.1	9.2	9.2	8.60	14.1	12.9	1.68
4250.0	7:41	57.7	38	139	9.1	9.2	9.2	8.60	14.1	13.9	1.65
4255.0	7:46	66.5	37	139	9.1	9.2	9.2	8.60	14.1	15.1	1.61
4260.0	7:49	88.9	42	137	9.1	9.2	9.2	8.60	14.1	16.4	1.55
4265.0	7:53	72.6	41	139	9.1	9.2	9.2	8.60	14.1	14.8	1.62
2181											
4270.0	7:58	66.7	40	141	9.1	9.2	9.2	8.60	14.1	14.6	1.63
4275.0	8: 2	70.3	41	140	9.1	9.2	9.2	8.60	14.1	14.5	1.63
4280.0	8:14	65.2	41	140	9.1	9.2	9.2	8.60	14.1	13.0	1.68
4285.0	8:19	65.9	41	136	9.1	9.2	9.2	8.60	14.1	14.1	1.65
4290.0	8:24	60.1	41	140	9.1	9.2	9.2	8.60	14.1	13.3	1.68
4295.0	8:28	66.6	41	140	9.1	9.2	9.2	8.60	14.1	14.2	1.65
4300.0	8:34	56.0	41	140	9.1	9.2	9.3	8.60	14.1	12.5	1.71
4305.0	8:39	59.8	41	141	9.1	9.2	9.3	8.60	14.1	13.2	1.69
4310.0	8:49	75.8	38	138	9.1	9.2	9.3	8.60	14.1	16.6	1.58
4320.0	8:56	72.9	38	138	9.1	9.2	9.3	8.60	14.1	15.4	1.62
2230											
4325.0	9: 2	54.3	38	139	9.1	9.2	9.2	8.60	14.1	13.5	1.69
4330.0	9: 6	70.7	40	137	9.1	9.2	9.2	8.60	14.2	15.4	1.62
4335.0	9:12	57.7	40	138	9.1	9.2	9.3	8.60	14.2	14.0	1.67
4340.0	9:17	58.7	39	139	9.1	9.2	9.2	8.60	14.2	14.4	1.66
4345.0	9:31	51.0	36	127	9.1	9.2	9.2	8.60	14.2	14.7	1.65
4350.0	9:42	30.1	29	119	9.1	9.2	9.2	8.60	14.2	13.8	1.68
4355.0	9:48	48.7	29	118	9.1	9.2	9.2	8.60	14.2	18.1	1.54
4360.0	9:53	65.5	30	116	9.1	9.2	9.2	8.60	14.2	20.2	1.47
4365.0	9:59	67.2	30	117	9.1	9.2	9.2	8.60	14.2	20.2	1.47
4370.0	10: 5	44.6	31	118	9.1	9.2	9.2	8.60	14.2	16.5	1.59
2280											
4375.0	10:27	44.8	29	119	9.1	9.2	9.2	8.60	14.2	17.3	1.58
4380.0	10:31	75.9	40	134	9.1	9.2	9.2	8.60	14.2	17.2	1.58
4385.0	10:36	63.8	38	138	9.1	9.2	9.2	8.60	14.2	16.4	1.62
4390.0	10:40	67.5	39	137	9.1	9.2	9.2	8.60	14.2	16.5	1.62
4395.0	10:44	70.1	43	136	9.1	9.2	9.3	8.60	14.2	15.3	1.65
4400.0	10:49	64.0	43	136	9.1	9.2	9.3	8.60	14.2	14.5	1.68
4405.0	10:54	58.6	42	138	9.1	9.2	9.3	8.60	14.2	14.4	1.69
4410.0	11: 2	55.2	41	135	9.1	9.2	9.3	8.60	14.2	14.4	1.69
4415.0	11: 8	59.0	41	137	9.1	9.2	9.3	8.60	14.2	14.8	1.68
4420.0	11:13	57.4	43	137	9.1	9.2	9.2	8.60	14.2	13.3	1.72
2328											
4425.0	11:19	54.7	42	137	9.1	9.2	9.2	8.60	14.2	13.4	1.73
4430.0	11:23	69.2	44	136	9.1	9.2	9.3	8.60	14.2	15.0	1.66
4435.0	11:29	56.2	41	138	9.1	9.2	9.3	8.60	14.2	14.2	1.70
4440.0	11:37	63.7	41	142	9.1	9.2	9.2	8.60	14.2	15.4	1.67
4445.0	11:42	61.8	43	141	9.1	9.2	9.3	8.60	14.2	14.2	1.71
4450.0	11:47	59.3	43	141	9.1	9.2	9.3	8.60	14.2	13.8	1.72
4455.0	11:52	72.8	44	139	9.1	9.2	9.3	8.60	14.2	15.8	1.64
4460.0	11:55	89.9	43	139	9.1	9.2	9.3	8.60	14.2	17.6	1.58
4465.0	12: 0	62.3	44	139	9.1	9.2	9.3	8.60	14.2	14.4	1.70
4470.0	12: 6	53.6	43	140	9.1	9.2	9.3	8.60	14.2	13.0	1.75
2377											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2377											
4475.0	12:23	82.0	44	137	9.1	9.2	9.2	8.60	14.2	16.1	1.63
4480.0	12:28	59.6	46	133	9.1	9.2	9.2	8.60	14.2	13.4	1.73
4485.0	12:34	55.4	44	132	9.1	9.2	9.2	8.60	14.2	13.3	1.73
4490.0	12:39	65.5	45	134	9.1	9.2	9.2	8.60	14.2	14.6	1.68
4495.0	12:44	60.5	45	134	9.1	9.2	9.2	8.60	14.2	14.1	1.71
4500.0	12:52	52.1	44	134	9.1	9.2	9.2	8.60	14.2	12.8	1.76
4505.0	12:57	66.9	44	138	9.1	9.2	9.2	8.60	14.2	14.9	1.68
4510.0	13: 2	64.4	44	139	9.1	9.2	9.2	8.60	14.2	14.5	1.70
4515,0	13: 7	57.2	45	139	9.1	9.2	9.2	8.60	14.3	13.5	1.74
4520.0	13:12	70.2	44	139	9.1	9.2	9.2	8.60	14.3	15.5	1.67
2425											
4525.0	13:16	66.3	44	139	9.1	9.2	9.2	8.60	14.3	15.0	1.69
4530.0	13:23	49.7	44	135	9.1	9.2	9.2	8.60	14.3	12.1	1.79
4535.0	13:33	64.1	43	129	9.1	9.2	9.2	8.60	14.3	15.6	1.66
4540.0	13:38	57.1	43	131	9.1	9.2	9.2	8.60	14.3	14.6	1.70
4545.0	13:44	59.9	42	131	9.1	9.2	9.2	8.60	14.3	15.4	1.68
4550.0	13:49	61.9	45	129	9.1	9.2	9.2	8.60	14.3	14.7	1.70
4555.0	13:54	62.9	46	129	9.1	9.2	9.2	8.60	14.3	14.5	1.70
4560.0	14: 4	59.6	45	123	9.1	9.2	9.2	8.60	14.3	14.9	1.69
4565.0	14: 8	67.6	46	139	9.1	9.2	9.2	8.60	14.3	15.1	1.70
4570.0	14: 9	280.0	45	137	9.1	9.2	9.2	8.60	14.3	29.0	1.18
2470											
4575.0	14:14	64.8	47	137	9.1	9.2	9.3	8.60	14.3	14.4	1.72
4580.0	14:19	66.9	47	138	9.1	9.2	9.3	8.60	14.3	14.6	1.72
4585.0	14:24	64.6	47	137	9.1	9.2	9.3	8.60	14.3	14.6	1.72
4590.0	14:29	62.0	47	137	9.1	9.2	9.3	8.60	14.3	14.4	1.73
4595.0	14:34	66.9	46	137	9.1	9.2	9.3	8.60	14.3	14.9	1.71
4600.0	14:43	62.4	47	139	9.1	9.2	9.3	8.60	14.3	14.4	1.73
4605.0	14:48	65.4	47	140	9.1	9.2	9.2	8.60	14.3	14.4	1.73
4610.0	14:52	72.9	48	140	9.1	9.2	9.2	8.60	14.3	15.2	1.70
4615.0	14:57	67.6	47	140	9.1	9.2	9.2	8.60	14.3	14.9	1.72
4620.0	15: 1	68.3	48	140	9.1	9.2	9.2	8.60	14.3	14.6	1.73
2520											
4625.0	15: 6	69.6	48	139	9.1	9.2	9.2	8.60	14.3	14.7	1.72
4630.0	15:15	63.2	45	146	9.1	9.2	9.2	8.60	14.3	14.8	1.73
4635.0	15:20	68.8	46	147	9.1	9.2	9.2	8.60	14.3	15.1	1.72
4640.0	15:24	73.0	47	147	9.1	9.2	9.2	8.60	14.3	15.4	1.71
4645.0	15:29	69.7	47	147	9.1	9.2	9.2	8.60	14.3	14.9	1.73
4650.0	15:33	74.2	47	148	9.1	9.2	9.2	8.60	14.3	15.2	1.72
4655.0	15:38	67.8	46	148	9.1	9.2	9.3	8.60	14.3	15.0	1.73
4660.0	15:48	63.0	47	129	9.1	9.2	9.2	8.60	14.3	15.2	1.70
4665.0	15:53	61.2	48	137	9.1	9.2	9.2	8.60	14.3	14.3	1.75
4670.0	15:58	57.0	49	139	9.1	9.2	9.2	8.60	14.3	12.7	1.81
2570											
4675.0	16: 4	53.9	48	139	9.1	9.2	9.2	8.60	14.3	12.5	1.82
4680.0	16:10	51.3	48	140	9.1	9.2	9.3	8.60	14.3	12.4	1.82
4685.0	16:15	58.0	47	139	9.1	9.2	9.3	8.60	14.3	14.2	1.76
4690.0	16:28	53.1	45	140	9.1	9.2	9.3	8.60	14.3	13.7	1.78
4695.0	16:33	60.8	40	136	9.1	9.2	9.2	8.60	14.3	17.2	1.66
4700.0	16:37	77.0	40	137	9.1	9.2	9.2	8.60	14.3	19.1	1.59
4705.0	16:42	57.1	44	138	9.1	9.2	9.2	8.60	14.4	14.9	1.74
4710.0	16:47	61.6	46	137	9.1	9.2	9.2	8.60	14.4	14.8	1.73
4715.0	16:52	65.1	47	137	9.1	9.2	9.2	8.60	14.4	15.1	1.72
4720.0	16:57	67.7	47	137	9.1	9.2	9.2	8.60	14.4	15.2	1.72
2620											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2620											
4725.0	17: 6	67.2	45	133	9.1	9.2	9.2	8.60	14.4	16.1	1.69
4730.0	17:11	66.0	45	138	9.1	9.2	9.2	8.60	14.4	15.8	1.71
4735.0	17:16	59.3	44	140	9.1	9.2	9.2	8.60	14.4	15.2	1.73
4740.0	17:21	60.0	44	141	9.1	9.2	9.2	8.60	14.4	15.5	1.72
4745.0	17:26	71.0	45	142	9.1	9.2	9.2	8.60	14.4	16.3	1.69
4750.0	17:31	56.9	46	142	9.1	9.2	9.2	8.60	14.4	14.5	1.76
4755.0	17:42	55.0	46	143	9.1	9.2	9.3	8.60	14.4	13.9	1.79
4760.0	17:48	51.8	46	143	9.1	9.2	9.3	8.60	14.4	13.5	1.80
4765.0	17:53	59.0	45	143	9.1	9.2	9.3	8.60	14.4	14.9	1.75
4770.0	17:58	60.5	45	142	9.1	9.2	9.3	8.60	14.4	15.3	1.74
2668											
4775.0	18: 4	54.7	45	142	9.1	9.2	9.3	8.60	14.4	14.5	1.77
4780.0	18: 9	56.0	45	142	9.1	9.2	9.3	8.60	14.4	14.8	1.76
4785.0	18:17	58.0	43	135	9.1	9.2	9.2	8.60	14.4	16.1	1.71
4790.0	18:24	51.3	41	132	9.1	9.2	9.3	8.60	14.4	16.3	1.71
4795.0	18:29	57.1	40	133	9.1	9.2	9.3	8.60	14.4	17.4	1.68
4800.0	18:34	57.9	41	136	9.1	9.2	9.3	8.60	14.4	17.0	1.69
4805.0	18:39	78.9	44	140	9.1	9.2	9.3	8.60	14.4	18.5	1.63
4810.0	18:44	51.6	44	141	9.1	9.2	9.3	8.60	14.4	15.0	1.77
4815.0	18:55	57.3	45	138	9.1	9.2	9.2	8.60	14.4	15.4	1.74
4820.0	19: 1	54.4	48	136	9.1	9.2	9.2	8.60	14.4	14.0	1.79
2716											
4825.0	19: 6	53.6	48	137	9.1	9.2	9.2	8.60	14.4	13.9	1.79
4830.0	19:12	53.1	48	138	9.1	9.2	9.2	8.60	14.4	13.7	1.80
4835.0	19:18	48.6	47	139	9.1	9.2	9.2	8.60	14.4	13.0	1.83
4840.0	19:24	53.1	48	138	9.1	9.2	9.2	8.60	14.4	13.7	1.81
4845.0	19:34	52.6	48	135	9.1	9.2	9.2	8.60	14.4	13.6	1.81
4850.0	19:40	55.5	45	143	9.1	9.2	9.2	8.60	14.4	15.1	1.77
4855.0	19:45	67.4	46	143	9.1	9.2	9.2	8.60	14.4	15.9	1.73
4860.0	19:51	52.5	45	143	9.1	9.2	9.2	8.60	14.4	14.5	1.79
4865.0	19:56	56.6	46	143	9.1	9.2	9.2	8.60	14.4	14.9	1.77
4870.0	20: 1	57.8	46	142	9.1	9.2	9.2	8.60	14.4	14.9	1.77
2765											
4875.0	20: 7	52.6	46	143	9.1	9.2	9.2	8.60	14.4	14.2	1.80
4880.0	20:21	59.2	46	143	9.1	9.2	9.2	8.60	14.4	14.9	1.78
4885.0	20:26	70.5	46	143	9.1	9.2	9.2	8.60	14.4	16.9	1.70
4890.0	20:29	88.9	49	143	9.1	9.2	9.2	8.60	14.4	17.5	1.67
4895.0	20:35	51.9	49	145	9.1	9.2	9.2	8.60	14.4	13.1	1.85
4900.0	20:42	47.1	49	144	9.1	9.2	9.2	8.60	14.5	12.2	1.89
4910.0	20:58	55.7	50	138	9.1	9.2	9.2	8.60	14.5	13.8	1.82
4915.0	21: 4	52.6	49	134	9.1	9.2	9.2	8.60	14.5	13.9	1.82
4920.0	21: 9	53.3	48	134	9.1	9.2	9.2	8.60	14.5	14.2	1.80
4925.0	21:14	70.9	48	133	9.1	9.2	9.2	8.60	14.5	16.6	1.71
2816											
4930.0	21:19	68.2	48	134	9.1	9.2	9.2	8.60	14.5	15.8	1.74
4935.0	21:23	69.2	48	134	9.1	9.2	9.2	8.60	14.5	15.9	1.74
4940.0	21:34	51.6	49	138	9.1	9.2	9.2	8.60	14.5	13.7	1.83
4945.0	21:40	58.5	48	143	9.1	9.2	9.2	8.60	14.5	15.0	1.79
4950.0	21:46	52.1	48	143	9.1	9.2	9.2	8.60	14.5	13.9	1.83
4955.0	21:51	58.5	48	143	9.1	9.2	9.2	8.60	14.5	15.0	1.79
4960.0	21:56	62.6	49	142	9.1	9.2	9.2	8.60	14.5	15.5	1.77
4965.0	22: 0	77.8	49	142	9.1	9.2	9.2	8.60	14.5	17.4	1.70
4970.0	22:10	48.3	48	144	9.1	9.2	9.2	8.60	14.5	13.1	1.87
4975.0	22:15	58.1	49	145	9.1	9.2	9.2	8.60	14.5	14.6	1.81
2864											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2864											
4980.0	22:20	64.4	49	145	9.1	9.2	9.2	8.60	14.5	15.2	1.79
4985.0	22:25	80.5	50	145	9.1	9.2	9.2	8.60	14.5	17.0	1.72
4990.0	22:30	52.3	49	146	9.1	9.2	9.2	8.60	14.5	13.7	1.85
4995.0	22:35	62.9	50	146	9.1	9.2	9.2	8.60	14.5	15.0	1.80
5000.0	22:44	58.8	50	148	9.1	9.2	9.2	8.60	14.5	14.3	1.83
5005.0	22:45	238.7	51	151	9.1	9.2	9.3	8.60	14.5	27.2	1.32
5010.0	22:50	59.6	50	152	9.1	9.2	9.3	8.60	14.5	14.7	1.82
5015.0	22:56	52.9	50	153	9.1	9.2	9.3	8.60	14.5	13.7	1.86
5020.0	23: 0	70.7	50	152	9.1	9.2	9.3	8.60	14.5	16.3	1.76
5025.0	23: 5	66.7	49	152	9.1	9.2	9.3	8.60	14.5	16.0	1.77
2910											
5030.0	23:10	66.7	50	152	9.1	9.2	9.3	8.60	14.5	15.4	1.80
5035.0	23:19	57.2	49	150	9.1	9.2	9.3	8.60	14.5	14.7	1.83
5040.0	23:24	64.9	47	145	9.1	9.2	9.2	8.60	14.5	16.7	1.74
5045.0	23:29	82.8	47	145	9.1	9.2	9.2	8.60	14.5	18.0	1.70
5050.0	23:33	69.6	47	146	9.1	9.2	9.2	8.60	14.5	17.7	1.71
5055.0	23:39	50.5	48	146	9.1	9.2	9.2	8.60	14.5	14.4	1.84
5060.0	23:46	51.0	45	148	9.1	9.2	9.2	8.60	14.5	15.0	1.82
5065.0	23:58	42.8	45	143	9.1	9.2	9.2	8.60	14.5	13.8	1.87
5070.0	0: 4	47.5	47	141	9.1	9.2	9.2	8.60	14.5	14.6	1.84
5075.0	0:10	63.2	45	143	9.1	9.2	9.2	8.60	14.5	17.2	1.74
2960											
5080.0	0:14	66.9	44	143	9.1	9.2	9.2	8.60	14.5	18.5	1.69
5085.0	0:19	66.5	45	143	9.1	9.2	9.2	8.60	14.5	17.8	1.72
5090.0	0:24	60.4	46	143	9.1	9.2	9.2	8.60	14.5	16.8	1.76
5095.0	0:32	56.7	45	142	9.1	9.2	9.2	8.60	14.6	16.8	1.76
5100.0	0:36	68.6	47	140	9.1	9.2	9.3	8.60	14.6	18.0	1.71
5105.0	0:40	69.1	46	142	9.1	9.2	9.3	8.60	14.6	18.2	1.70
5110.0	0:43	114.3	46	142	9.1	9.2	9.3	8.60	14.6	22.3	1.55
5115.0	0:48	69.2	47	143	9.1	9.2	9.3	8.60	14.6	17.7	1.73
5120.0	0:54	55.1	46	144	9.1	9.2	9.3	8.60	14.6	16.3	1.78
5125.0	1: 0	58.1	47	143	9.1	9.2	9.3	8.60	14.6	16.3	1.79
3008											
5130.0	1: 5	68.2	46	138	9.1	9.2	9.3	8.60	14.6	18.6	1.69
5135.0	1: 9	70.7	48	141	9.1	9.2	9.3	8.60	14.6	17.9	1.72
5140.0	1:14	65.9	49	141	9.1	9.2	9.3	8.60	14.6	17.0	1.75
5145.0	1:18	74.3	48	141	9.1	9.2	9.3	8.60	14.6	18.4	1.70
5150.0	1:23	63.5	47	142	9.1	9.2	9.3	8.60	14.6	17.2	1.75
5155.0	1:28	70.7	46	142	9.1	9.2	9.3	8.60	14.6	18.6	1.70
5160.0	1:32	87.6	46	141	9.1	9.2	9.3	8.60	14.6	20.5	1.63
5165.0	1:47	70.4	44	135	9.1	9.2	9.2	8.60	14.6	19.7	1.66
5170.0	1:52	57.4	43	137	9.1	9.2	9.2	8.60	14.6	18.1	1.73
5175.0	1:57	68.3	43	139	9.1	9.2	9.2	8.60	14.6	19.6	1.67
3055											
5180.0	2: 2	62.2	43	140	9.1	9.2	9.2	8.60	14.6	18.7	1.71
5185.0	2: 6	69.7	44	139	9.1	9.2	9.3	8.60	14.6	19.5	1.67
5190.0	2:10	88.6	43	139	9.1	9.2	9.3	8.60	14.6	22.5	1.56
5195.0	2:21	53.0	43	141	9.1	9.2	9.3	8.60	14.6	17.7	1.75
5200.0	2:26	54.2	45	140	9.1	9.2	9.2	8.60	14.6	17.2	1.77
5205.0	2:32	52.5	44	141	9.1	9.2	9.2	8.60	14.6	17.0	1.78
5210.0	2:38	53.9	45	138	9.1	9.2	9.2	8.60	14.6	17.2	1.77
5215.0	2:43	54.2	45	138	9.1	9.2	9.2	8.60	14.6	17.4	1.76
5220.0	2:49	61.4	45	138	9.1	9.2	9.2	8.60	14.6	18.5	1.72
5225.0	3: 0	65.1	45	141	9.1	9.2	9.2	8.60	14.6	18.1	1.73
3103											

DEPTH	TIME	POP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
3103											
5230.0	3: 6	51.9	47	138	9.1	9.2	9.2	8.60	14.6	16.0	1.81
5235.0	3:10	75.5	47	138	9.1	9.2	9.2	8.60	14.6	19.5	1.68
5240.0	3:15	79.1	47	138	9.1	9.2	9.2	8.60	14.6	19.1	1.69
5245.0	3:20	52.2	48	139	9.1	9.2	9.2	8.60	14.6	16.2	1.81
5250.0	3:24	82.6	47	139	9.1	9.2	9.3	8.60	14.6	20.4	1.65
5255.0	3:37	46.6	47	139	9.1	9.2	9.2	8.60	14.6	15.1	1.85
5260.0	3:42	56.1	51	136	9.1	9.2	9.3	8.60	14.6	16.1	1.81
5265.0	3:46	75.7	50	138	9.1	9.2	9.3	8.60	14.6	18.7	1.71
5270.0	3:52	54.5	48	141	9.1	9.2	9.3	8.60	14.6	16.5	1.80
5275.0	3:57	54.7	49	140	9.1	9.2	9.3	8.60	14.6	16.2	1.82
3151											
5280.0	4: 2	59.5	48	140	9.1	9.2	9.3	8.60	14.6	17.3	1.77
5285.0	4: 8	57.9	49	141	9.1	9.2	9.3	8.60	14.6	16.5	1.81
5290.0	4:21	40.6	42	131	9.1	9.2	9.2	8.60	14.7	16.0	1.81
5295.0	4:26	55.6	43	128	9.1	9.2	9.2	8.60	14.7	18.3	1.71
5300.0	4:32	57.0	43	129	9.1	9.2	9.2	8.60	14.7	18.8	1.69
5305.0	4:38	46.3	44	128	9.1	9.2	9.2	8.60	14.7	16.4	1.78
5310.0	4:44	73.1	45	128	9.1	9.2	9.2	8.60	14.7	19.6	1.67
5315.0	4:49	60.5	48	136	9.1	9.2	9.2	8.60	14.7	17.6	1.77
5320.0	4:58	99.9	49	136	9.1	9.2	9.3	8.60	14.7	21.6	1.60
5325.0	5: 2	77.1	47	137	9.1	9.2	9.3	8.60	14.7	20.3	1.66
3200											
5330.0	5: 8	55.4	51	138	9.1	9.2	9.3	8.60	14.7	16.1	1.83
5335.0	5:14	55.1	47	140	9.1	9.2	9.3	8.60	14.7	17.2	1.79
5340.0	5:19	57.8	49	139	9.1	9.2	9.3	8.60	14.7	17.0	1.80
5345.0	5:24	65.8	50	139	9.1	9.2	9.3	8.60	14.7	18.0	1.76
5350.0	5:28	73.2	48	140	9.1	9.2	9.3	8.60	14.7	19.3	1.71
5355.0	5:41	53.5	49	137	9.1	9.2	9.2	8.60	14.7	16.5	1.81
5360.0	5:46	60.8	49	143	9.1	9.2	9.2	8.60	14.7	16.9	1.81
5365.0	5:52	52.0	48	143	9.1	9.2	9.2	8.60	14.7	16.3	1.83
5370.0	5:57	56.8	49	141	9.1	9.2	9.2	8.60	14.7	16.8	1.81
5375.0	6: 2	68.1	49	141	9.1	9.2	9.2	8.60	14.7	18.4	1.74
3250											
5380.0	6: 7	73.5	48	140	9.1	9.2	9.2	8.60	14.7	18.9	1.73
5385.0	6:17	56.0	49	135	9.1	9.2	9.2	8.60	14.7	17.2	1.79
5390.0	6:23	59.8	48	141	9.1	9.2	9.2	8.60	14.7	17.4	1.79
5395.0	6:27	72.2	48	141	9.1	9.2	9.2	8.60	14.7	19.6	1.70
5400.0	6:32	64.8	47	141	9.1	9.2	9.2	8.60	14.7	18.7	1.74
5405.0	6:37	69.2	48	141	9.1	9.2	9.3	8.60	14.7	19.4	1.71
5410.0	6:42	55.5	50	143	9.1	9.2	9.3	8.60	14.7	16.6	1.83
5415.0	6:51	78.0	50	143	9.1	9.2	9.3	8.60	14.7	19.3	1.72
5420.0	6:56	68.2	49	144	9.1	9.2	9.2	8.60	14.7	19.0	1.74
5425.0	7: 2	49.8	49	146	9.1	9.2	9.2	8.60	14.7	15.8	1.87
3300											
5430.0	7: 8	58.1	51	145	9.1	9.2	9.2	8.60	14.7	16.5	1.84
5435.0	7:12	68.2	49	145	9.1	9.2	9.2	8.60	14.7	18.8	1.75
5440.0	7:16	80.4	51	144	9.1	9.2	9.2	8.60	14.7	19.5	1.71
5445.0	7:26	48.4	50	142	9.1	9.2	9.2	8.60	14.7	15.6	1.87
5450.0	7:32	57.1	50	141	9.1	9.2	9.2	8.60	14.7	17.0	1.82
5455.0	7:36	84.4	49	141	9.1	9.2	9.3	8.60	14.7	20.7	1.67
5460.0	7:40	76.5	49	143	9.1	9.2	9.3	8.60	14.7	19.6	1.71
5465.0	7:45	59.0	48	146	9.1	9.2	9.3	8.60	14.7	17.6	1.80
5470.0	7:51	56.0	49	140	9.1	9.2	9.2	8.60	14.7	17.3	1.81
5475.0	8: 0	72.7	49	138	9.1	9.2	9.3	8.60	14.7	19.7	1.71
3349											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
3349											
5480.0	8: 6	50.1	47	136	9.1	9.2	9.2	8.60	14.7	17.4	1.81
5485.0	8:11	59.1	46	136	9.1	9.2	9.2	8.60	14.7	19.0	1.74
5490.0	8:15	84.1	47	135	9.1	9.2	9.2	8.60	14.7	21.5	1.64
5495.0	8:20	70.1	47	136	9.1	9.2	9.2	8.60	14.8	19.8	1.71
5500.0	8:24	67.9	49	137	9.1	9.2	9.2	8.60	14.8	19.5	1.72
5505.0	8:28	83.7	47	136	9.1	9.2	9.2	8.60	14.8	21.6	1.64
5510.0	8:37	64.1	48	135	9.1	9.2	9.2	8.60	14.8	19.1	1.74
5515.0	8:41	64.4	48	135	9.1	9.2	9.2	8.60	14.8	19.4	1.73
5520.0	8:46	63.5	47	136	9.1	9.2	9.2	8.60	14.8	19.3	1.74
5525.0	8:51	65.9	46	137	9.1	9.2	9.2	8.60	14.8	20.1	1.71
3398											
5530.0	8:56	61.9	46	137	9.1	9.2	9.2	8.60	14.8	19.6	1.73
5535.0	9: 1	65.0	47	136	9.1	9.2	9.2	8.60	14.8	19.5	1.73
5540.0	9: 9	82.6	47	139	9.1	9.2	9.2	8.60	14.8	21.3	1.66
5545.0	9:14	70.3	47	145	9.1	9.2	9.2	8.60	14.8	20.2	1.71
5550.0	9:17	85.7	46	145	9.1	9.2	9.2	8.60	14.8	22.0	1.64
5555.0	9:20	123.9	49	145	9.1	9.2	9.2	8.60	14.8	24.3	1.54
5560.0	9:24	79.8	49	145	9.1	9.2	9.2	8.60	14.8	20.5	1.70
5565.0	9:29	74.2	48	143	9.1	9.2	9.2	8.60	14.8	20.4	1.70
5570.0	9:34	136.6	50	137	9.1	9.2	9.2	8.60	14.8	24.8	1.52
5575.0	9:38	79.5	49	139	9.1	9.2	9.3	8.60	14.8	20.8	1.68
3448											
5580.0	9:43	62.3	48	141	9.1	9.2	9.3	8.60	14.8	19.0	1.76
5585.0	9:47	95.4	47	141	9.1	9.2	9.3	8.60	14.8	22.6	1.62
5590.0	9:51	82.3	47	143	9.1	9.2	9.3	8.60	14.8	21.6	1.66
5595.0	9:54	90.3	50	147	9.1	9.2	9.3	8.60	14.8	21.4	1.67
5600.0	10: 1	112.2	50	143	9.1	9.2	9.3	8.60	14.8	23.5	1.58
5605.0	10: 4	91.3	49	131	9.1	9.2	9.3	8.60	14.8	22.6	1.61
5610.0	10: 9	66.1	47	136	9.1	9.2	9.3	8.60	14.8	19.9	1.73
5615.0	10:13	90.2	49	135	9.1	9.2	9.3	8.60	14.8	22.3	1.63
5620.0	10:17	85.1	49	137	9.1	9.2	9.3	8.60	14.8	21.8	1.65
5625.0	10:22	61.0	49	143	9.1	9.2	9.3	8.60	14.8	18.8	1.78
3498											
5630.0	10:34	123.9	48	143	9.1	9.2	9.3	8.60	14.8	25.2	1.52
5635.0	10:36	111.0	48	139	9.1	9.2	9.2	8.60	14.8	24.2	1.56
5640.0	10:40	89.3	48	141	9.1	9.2	9.2	8.60	14.8	22.2	1.64
5645.0	10:44	100.5	46	142	9.1	9.2	9.2	8.60	14.8	23.8	1.59
5650.0	10:46	106.1	45	143	9.1	9.2	9.2	8.60	14.8	25.1	1.54
5655.0	10:50	98.4	46	142	9.1	9.2	9.3	8.60	14.8	23.7	1.59
5660.0	10:53	102.3	46	142	9.1	9.2	9.2	8.60	14.8	24.0	1.58
5665.0	11: 0	97.9	49	134	9.1	9.2	9.3	8.60	14.8	23.5	1.59
5670.0	11: 3	97.6	48	137	9.1	9.2	9.3	8.60	14.8	23.8	1.58
5675.0	11: 7	108.3	48	140	9.1	9.2	9.3	8.60	14.8	23.6	1.59
3547											
5680.0	11:11	67.8	45	143	9.1	9.2	9.3	8.60	14.8	21.3	1.70
5685.0	11:15	102.8	46	142	9.1	9.2	9.3	8.60	14.8	24.6	1.57
5690.0	11:19	86.8	47	142	9.1	9.2	9.3	8.60	14.8	22.1	1.66
5695.0	11:25	89.8	47	141	9.1	9.2	9.3	8.60	14.8	23.1	1.62
5700.0	11:29	110.1	50	149	9.1	9.2	9.3	8.60	14.9	23.9	1.59
5705.0	11:32	103.5	48	149	9.1	9.2	9.3	8.60	14.9	23.6	1.60
5710.0	11:35	120.1	49	148	9.1	9.2	9.3	8.60	14.9	23.7	1.60
5715.0	11:38	103.6	50	147	9.1	9.2	9.3	8.60	14.9	23.3	1.61
5720.0	11:41	114.6	51	147	9.1	9.2	9.3	8.60	14.9	23.7	1.59
5725.0	11:44	101.7	49	147	9.1	9.2	9.3	8.60	14.9	23.4	1.61
3596											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
3596											
5730.0	11:52	92.1	49	138	9.1	9.2	9.3	8.60	14.9	23.0	1.62
5735.0	11:55	90.7	50	139	9.1	9.2	9.3	8.60	14.9	22.6	1.63
5740.0	11:59	93.7	50	139	9.1	9.2	9.3	8.60	14.9	22.7	1.63
5745.0	12: 3	78.7	49	141	9.1	9.2	9.3	8.60	14.9	21.3	1.69
5750.0	12: 6	91.2	50	141	9.1	9.2	9.3	8.60	14.9	22.5	1.64
5755.0	12: 9	104.2	49	140	9.2	9.3	9.3	8.60	14.9	23.7	1.60
5760.0	12:16	129.7	50	143	9.2	9.3	9.3	8.60	14.9	25.8	1.51
5765.0	12:19	84.6	50	144	9.2	9.3	9.3	8.60	14.9	21.6	1.68
5770.0	12:23	96.6	50	143	9.2	9.3	9.3	8.60	14.9	22.8	1.63
5775.0	12:26	98.5	50	143	9.2	9.3	9.3	8.60	14.9	23.2	1.62
3642											
5780.0	12:30	82.7	51	144	9.2	9.3	9.3	8.60	14.9	21.7	1.68
5785.0	12:33	92.9	50	144	9.2	9.3	9.3	8.60	14.9	22.5	1.65
5790.0	12:41	136.4	50	142	9.2	9.3	9.3	8.60	14.9	25.5	1.52
5795.0	12:45	72.1	50	144	9.2	9.3	9.3	8.60	14.9	20.3	1.72
5800.0	12:49	84.0	51	145	9.2	9.3	9.3	8.60	14.9	21.7	1.67
5805.0	12:53	90.5	50	145	9.2	9.3	9.3	8.60	14.9	22.0	1.66
5810.0	12:57	73.8	51	146	9.2	9.3	9.3	8.60	14.9	20.3	1.73
5815.0	13: 0	96.3	50	146	9.2	9.3	9.3	8.60	14.9	22.8	1.62
5820.0	13: 7	90.0	50	142	9.2	9.3	9.3	8.60	14.9	22.2	1.65
5825.0	13:12	74.9	49	139	9.2	9.3	9.3	8.60	14.9	21.4	1.68
3689											
5830.0	13:15	92.8	51	138	9.2	9.3	9.3	8.60	14.9	23.0	1.61
5835.0	13:19	80.6	51	139	9.2	9.3	9.4	8.60	14.9	22.0	1.67
5840.0	13:22	109.3	50	139	9.2	9.3	9.4	8.60	14.9	24.8	1.56
5845.0	13:25	93.2	50	140	9.2	9.3	9.4	8.60	14.9	23.5	1.61
5850.0	13:29	86.1	51	139	9.2	9.3	9.4	8.60	14.9	22.7	1.64
5855.0	13:36	85.3	50	140	9.2	9.3	9.4	8.60	14.9	23.0	1.64
5860.0	13:40	79.1	50	142	9.2	9.3	9.4	8.60	14.9	21.9	1.69
5865.0	13:43	117.8	50	141	9.2	9.3	9.4	8.60	14.9	25.4	1.54
5870.0	13:47	77.5	50	143	9.2	9.3	9.4	8.60	14.9	22.2	1.68
5875.0	13:52	67.2	50	143	9.2	9.3	9.4	8.60	14.9	20.5	1.75
3738											
5880.0	13:55	85.4	50	142	9.2	9.3	9.4	8.60	14.9	23.0	1.65
5885.0	14: 3	80.8	49	140	9.2	9.3	9.3	8.60	14.9	22.6	1.66
5890.0	14: 8	66.4	50	141	9.2	9.3	9.3	8.60	14.9	20.2	1.76
5895.0	14:12	77.8	50	141	9.2	9.3	9.3	8.60	14.9	22.1	1.68
5900.0	14:16	80.6	50	141	9.2	9.3	9.3	8.60	14.9	22.4	1.67
5905.0	14:20	71.8	50	141	9.2	9.3	9.3	8.60	14.9	21.4	1.71
5910.0	14:25	74.6	49	140	9.2	9.3	9.3	8.60	15.0	21.7	1.70
5920.0	14:35	143.3	49	127	9.2	9.3	9.4	8.60	15.0	25.3	1.55
5925.0	14:39	73.9	49	138	9.2	9.3	9.4	8.60	15.0	22.2	1.68
5930.0	14:42	89.5	48	141	9.2	9.3	9.4	8.60	15.0	24.2	1.60
3788											
5935.0	14:46	77.1	49	141	9.2	9.3	9.4	8.60	15.0	22.5	1.67
5940.0	14:51	73.5	49	142	9.2	9.3	9.4	8.60	15.0	21.9	1.70
5945.0	14:54	98.4	50	141	9.2	9.3	9.4	8.60	15.0	24.3	1.60
5950.0	15: 2	84.0	50	144	9.2	9.3	9.4	8.60	15.0	23.0	1.66
5955.0	15: 7	72.8	50	145	9.2	9.3	9.3	8.60	15.0	21.0	1.72
5960.0	15:10	121.2	49	144	9.2	9.3	9.3	8.60	15.0	24.9	1.56
5965.0	15:14	73.8	49	145	9.2	9.3	9.3	8.60	15.0	21.4	1.71
5970.0	15:18	89.5	50	146	9.2	9.3	9.3	8.60	15.0	22.7	1.66
5975.0	15:22	81.5	50	145	9.2	9.3	9.3	8.60	15.0	22.0	1.68
5980.0	15:31	75.6	50	139	9.2	9.3	9.3	8.60	15.0	21.6	1.70
3837											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
3837											
5985.0	15:34	81.3	49	136	9.2	9.3	9.4	8.60	15.0	23.0	1.64
5990.0	15:39	74.0	50	137	9.2	9.3	9.5	8.60	15.0	22.5	1.66
5995.0	15:42	96.7	50	136	9.2	9.3	9.4	8.60	15.0	24.5	1.57
6000.0	15:46	76.7	49	137	9.2	9.3	9.4	8.60	15.0	22.6	1.66
6005.0	15:50	87.6	50	137	9.2	9.3	9.4	8.60	15.0	23.1	1.64
6010.0	15:58	82.0	50	137	9.2	9.3	9.4	8.60	15.0	22.8	1.65
6015.0	16: 1	91.0	51	139	9.2	9.3	9.3	8.60	15.0	23.4	1.63
6020.0	16: 4	91.2	50	140	9.2	9.3	9.4	8.60	15.0	23.9	1.61
6025.0	16: 8	91.3	50	140	9.2	9.3	9.4	8.60	15.0	23.8	1.62
6030.0	16:11	90.9	50	140	9.2	9.3	9.4	8.60	15.0	23.8	1.62
3887											
6035.0	16:15	77.5	50	141	9.2	9.3	9.4	8.60	15.0	22.4	1.68
6040.0	16:23	92.8	50	142	9.2	9.3	9.4	8.60	15.0	24.1	1.61
6045.0	16:26	95.5	49	146	9.2	9.3	9.4	8.60	15.0	24.3	1.60
6050.0	16:30	87.0	49	146	9.2	9.3	9.4	8.60	15.0	23.3	1.64
6055.0	16:33	99.0	49	145	9.2	9.3	9.4	8.60	15.0	24.6	1.59
6060.0	16:37	73.6	49	145	9.2	9.3	9.4	8.60	15.0	22.3	1.69
6065.0	16:41	83.2	48	143	9.2	9.3	9.4	8.60	15.0	23.5	1.64
6070.0	16:45	82.6	50	143	9.2	9.3	9.4	8.60	15.0	23.1	1.65
6075.0	16:52	91.1	49	139	9.2	9.3	9.4	8.60	15.0	24.4	1.60
6080.0	16:56	83.9	50	138	9.2	9.3	9.4	8.60	15.0	22.9	1.66
3934											
6085.0	16:59	98.8	48	138	9.2	9.3	9.3	8.60	15.0	25.2	1.57
6090.0	17: 3	78.4	48	138	9.2	9.3	9.4	8.60	15.0	23.4	1.64
6095.0	17: 7	85.0	48	139	9.2	9.3	9.4	8.60	15.0	23.9	1.62
6100.0	17:11	79.3	48	138	9.2	9.3	9.4	8.60	15.0	23.5	1.64
6105.0	17:22	74.1	47	131	9.2	9.3	9.3	8.60	15.0	23.5	1.63
6110.0	17:31	118.2	48	128	9.2	9.3	9.4	8.60	15.0	26.2	1.52
6115.0	17:35	85.7	49	133	9.2	9.3	9.4	8.60	15.0	23.4	1.64
6117.0	17:37	70.6	49	134	9.2	9.3	9.4	8.60	15.0	22.6	1.68
NEW BIT ID: 5											
6120.0	1:15	38.3	31	108	9.0	7.3	9.1	8.60	15.0	23.1	1.62
6125.0	1:26	30.1	34	104	9.1	8.6	9.1	8.60	15.1	19.6	1.74
3981											
6130.0	1:31	23.6	33	104	9.0	9.1	9.1	8.60	15.1	18.7	1.80
6135.0	1:38	78.4	35	125	9.1	9.1	9.1	8.60	15.1	27.2	1.49
6140.0	1:43	63.4	39	139	9.0	9.2	9.1	8.60	15.1	22.7	1.66
6145.0	1:47	74.4	42	137	9.1	9.4	9.2	8.60	15.1	23.4	1.62
6150.0	1:51	73.7	40	139	9.1	9.9	9.2	8.60	15.1	23.9	1.61
6155.0	1:57	58.7	37	141	9.2	10.3	9.2	8.60	15.1	23.0	1.66
6160.0	2: 2	63.0	36	142	9.3	10.0	9.2	8.60	15.1	24.3	1.61
6165.0	2:11	64.1	36	138	9.3	10.0	9.3	8.60	15.1	25.0	1.58
6170.0	2:16	70.4	42	133	9.2	9.4	9.3	8.60	15.1	23.6	1.62
6175.0	2:20	74.1	42	135	9.2	9.3	9.3	8.60	15.1	23.9	1.61
4025											
6180.0	2:25	58.6	44	135	9.2	9.3	9.4	8.60	15.1	21.7	1.69
6185.0	2:29	74.7	43	135	9.2	9.3	9.4	8.60	15.1	24.4	1.59
6190.0	2:34	71.3	44	137	9.1	9.2	9.4	8.60	15.1	23.3	1.63
6200.0	2:45	70.9	44	134	9.2	9.1	9.4	8.60	15.1	23.7	1.62
6205.0	2:49	81.2	45	140	9.2	9.0	9.3	8.60	15.1	24.0	1.61
6210.0	2:53	76.3	46	144	9.2	9.0	9.3	8.60	15.1	23.0	1.66
6215.0	2:57	82.4	45	145	9.2	8.9	9.3	8.60	15.1	23.6	1.63

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
4063											
6220.0	3: 0	92.1	42	142	9.1	9.0	9.3	8.60	15.1	25.9	1.55
6225.0	3: 5	68.1	43	138	9.2	8.9	9.3	8.60	15.1	23.2	1.65
6230.0	3:14	68.3	42	136	9.3	9.2	9.3	8.60	15.1	24.0	1.62
6235.0	3:18	90.7	43	141	9.3	9.3	9.4	8.60	15.1	25.3	1.57
6240.0	3:21	80.6	47	141	9.2	9.2	9.4	8.60	15.1	23.7	1.63
6245.0	3:25	92.4	46	144	9.2	9.0	9.4	8.60	15.1	25.1	1.57
6250.0	3:28	87.7	45	146	9.2	9.0	9.4	8.60	15.1	24.9	1.59
6255.0	3:32	81.8	48	146	9.1	8.9	9.4	8.60	15.1	23.4	1.64
6260.0	3:38	78.9	45	145	9.2	8.9	9.5	8.60	15.1	24.5	1.60
6265.0	3:41	70.7	44	140	9.3	9.1	9.4	8.60	15.1	23.9	1.63
4111											
6270.0	3:45	95.9	45	138	9.2	9.0	9.4	8.60	15.1	25.5	1.56
6275.0	3:48	87.1	47	138	9.2	9.2	9.4	8.60	15.1	24.5	1.60
6280.0	3:52	86.2	45	139	9.2	9.2	9.4	8.60	15.1	24.9	1.59
6285.0	3:56	90.6	49	137	9.2	9.2	9.4	8.60	15.1	23.9	1.62
6290.0	3:59	90.5	47	139	9.2	9.3	9.3	8.60	15.1	24.8	1.59
6295.0	4: 6	97.6	47	135	9.2	9.3	9.4	8.60	15.1	26.0	1.54
6300.0	4:10	97.0	48	142	9.2	9.3	9.4	8.60	15.1	25.0	1.59
6305.0	4:13	94.5	45	144	9.2	9.4	9.4	8.60	15.1	26.2	1.55
6310.0	4:16	99.5	47	143	9.3	9.4	9.4	8.60	15.1	25.7	1.57
6315.0	4:20	89.1	46	143	9.2	9.3	9.4	8.60	15.1	25.2	1.59
4160											
6320.0	4:23	95.6	43	144	9.3	9.3	9.4	8.60	15.1	26.7	1.54
6325.0	4:30	109.2	46	128	9.3	9.2	9.4	8.60	15.1	28.0	1.47
6330.0	4:34	81.2	48	133	9.2	9.4	9.4	8.60	15.1	24.8	1.60
6335.0	4:37	81.7	46	134	9.2	9.4	9.4	8.60	15.1	25.3	1.59
6340.0	4:41	87.1	45	135	9.2	9.4	9.4	8.60	15.1	26.1	1.56
6345.0	4:45	90.4	48	134	9.2	9.4	9.4	8.60	15.2	25.5	1.58
6350.0	4:47	91.2	48	134	9.2	9.4	9.4	8.60	15.2	25.4	1.58
6360.0	4:58	83.5	47	133	9.2	9.2	9.4	8.60	15.2	25.1	1.60
6365.0	5: 1	106.9	47	135	9.2	9.2	9.4	8.60	15.2	26.5	1.54
6370.0	5: 4	104.8	43	138	9.2	8.6	9.4	8.60	15.2	28.2	1.49
4212											
6375.0	5: 7	112.3	48	136	9.2	9.3	9.4	8.60	15.2	26.8	1.53
6380.0	5:10	99.7	48	136	9.2	9.3	9.4	8.60	15.2	26.3	1.55
6385.0	5:13	103.7	47	137	9.3	9.3	9.4	8.60	15.2	27.0	1.53
6390.0	5:19	100.3	47	127	9.2	9.3	9.4	8.60	15.2	27.1	1.52
6395.0	5:23	83.8	45	134	9.2	9.3	9.4	8.60	15.2	25.8	1.58
6400.0	5:26	116.0	46	134	9.3	9.3	9.4	8.60	15.2	28.0	1.49
6405.0	5:29	110.3	45	137	9.2	9.3	9.4	8.60	15.2	27.9	1.50
6410.0	5:33	97.5	47	137	9.3	9.3	9.4	8.60	15.2	26.4	1.56
6415.0	5:36	101.0	48	136	9.3	9.3	9.4	8.60	15.2	26.6	1.55
6420.0	5:44	118.8	47	130	9.3	9.3	9.5	8.60	15.2	28.8	1.46
4261											
6425.0	5:48	84.0	44	141	9.3	9.3	9.4	8.60	15.2	26.3	1.58
6430.0	5:51	92.7	47	140	9.2	9.3	9.5	8.60	15.2	26.6	1.56
6435.0	5:54	99.8	48	140	9.2	9.3	9.5	8.60	15.2	26.7	1.55
6440.0	5:57	103.0	42	144	9.4	9.3	9.4	8.60	15.2	28.5	1.50
6445.0	6: 0	102.1	48	141	9.3	9.3	9.4	8.60	15.2	27.0	1.54
6450.0	6: 8	101.9	48	133	9.3	9.3	9.4	8.60	15.2	27.1	1.53
6455.0	6:11	113.6	47	137	9.3	9.3	9.5	8.60	15.2	28.0	1.50
6460.0	6:14	117.3	46	139	9.4	9.3	9.4	8.60	15.2	28.5	1.49
6465.0	6:17	118.7	46	139	9.4	9.3	9.4	8.60	15.2	28.5	1.49
6470.0	6:20	106.5	47	139	9.4	9.3	9.4	8.60	15.2	27.9	1.51
4308											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
4308											
6475.0	6:22	107.9	48	139	9.3	9.3	9.5	8.60	15.2	27.6	1.52
6480.0	6:30	91.5	48	136	9.2	9.3	9.5	8.60	15.2	26.2	1.58
6485.0	6:33	97.3	47	138	9.1	9.3	9.5	8.60	15.2	27.3	1.54
6490.0	6:36	115.7	47	140	9.2	9.3	9.5	8.60	15.2	28.2	1.50
6500.0	6:42	97.7	49	139	9.3	9.2	9.4	8.60	15.2	26.4	1.57
6505.0	6:45	94.0	49	140	9.3	9.2	9.4	8.60	15.2	26.1	1.59
6510.0	6:48	121.7	47	140	9.2	9.2	9.5	8.60	15.2	28.6	1.49
6515.0	6:56	89.4	46	133	9.3	9.2	9.4	8.60	15.2	26.6	1.56
6520.0	7: 0	85.0	42	141	9.3	9.1	9.4	8.60	15.2	26.7	1.57
6525.0	7: 3	89.3	41	138	9.2	9.3	9.4	8.60	15.2	28.0	1.52
4355											
6530.0	7: 7	83.9	42	138	9.3	9.3	9.4	8.60	15.2	27.0	1.56
6535.0	7:10	86.0	42	139	9.2	9.3	9.4	8.60	15.2	27.6	1.54
6540.0	7:13	115.6	44	142	9.2	9.3	9.5	8.60	15.2	29.7	1.46
6545.0	7:21	90.5	43	142	9.3	9.3	9.5	8.60	15.2	27.9	1.54
6550.0	7:25	83.2	44	145	9.1	9.3	9.4	8.60	15.2	26.8	1.59
6555.0	7:28	94.4	47	143	9.1	9.3	9.4	8.60	15.2	27.0	1.57
6560.0	7:31	106.0	48	143	9.1	9.3	9.4	8.60	15.2	27.8	1.54
6565.0	7:34	76.8	47	144	9.1	9.3	9.4	8.60	15.3	25.1	1.65
6570.0	7:38	85.4	45	146	9.1	9.3	9.4	8.60	15.3	26.4	1.61
6575.0	7:46	79.1	44	138	9.1	9.3	9.3	8.60	15.3	26.7	1.59
4403											
6580.0	7:48	107.4	46	140	9.0	9.3	9.3	8.60	15.3	28.3	1.53
6585.0	7:52	84.7	47	143	9.2	9.3	9.3	8.60	15.3	25.6	1.64
6590.0	7:55	98.3	48	143	9.3	9.3	9.2	8.60	15.3	26.3	1.61
6600.0	8: 1	107.1	46	145	9.4	9.3	9.3	8.60	15.3	27.8	1.55
6605.0	8: 8	108.4	44	139	9.4	9.3	9.3	8.60	15.3	29.3	1.50
6610.0	8:11	101.1	47	133	9.3	9.3	9.4	8.60	15.3	27.6	1.55
6615.0	8:14	98.0	46	135	9.3	9.3	9.4	8.60	15.3	27.8	1.55
6620.0	8:18	92.3	46	135	9.3	9.3	9.4	8.60	15.3	27.5	1.56
6630.0	8:25	91.2	45	136	9.2	9.3	9.5	8.60	15.3	28.1	1.54
6635.0	8:28	86.3	46	135	9.4	9.3	9.5	8.60	15.3	27.6	1.56
4458											
6640.0	8:36	95.8	47	127	9.4	9.3	9.5	8.60	15.3	28.1	1.52
6645.0	8:40	82.2	46	130	9.3	9.3	9.5	8.60	15.3	26.8	1.57
6650.0	8:43	72.6	45	134	9.1	9.3	9.5	8.60	15.3	25.9	1.62
6655.0	8:48	83.8	47	132	9.1	9.3	9.4	8.60	15.3	26.0	1.62
6660.0	8:51	94.9	47	137	9.1	9.3	9.4	8.60	15.3	27.7	1.56
6665.0	8:54	86.4	45	136	9.1	9.3	9.4	8.60	15.3	27.8	1.56
6670.0	9: 1	102.0	46	133	9.1	9.2	9.4	8.60	15.3	28.9	1.51
6675.0	9: 5	101.2	44	142	9.2	9.2	9.5	8.60	15.3	29.0	1.52
6680.0	9: 8	96.5	46	141	9.2	9.2	9.4	8.60	15.3	28.1	1.55
6685.0	9:11	92.2	46	141	9.2	9.2	9.4	8.60	15.3	27.8	1.57
4504											
6690.0	9:14	96.5	48	140	9.1	9.2	9.3	8.60	15.3	27.2	1.59
6695.0	9:18	72.9	45	142	9.2	9.2	9.3	8.60	15.3	25.9	1.65
6700.0	9:26	94.7	46	138	9.2	9.3	9.3	8.60	15.3	27.9	1.57
6705.0	9:30	75.6	46	141	9.3	9.3	9.3	8.60	15.3	26.0	1.65
6710.0	9:34	84.6	45	141	9.2	9.3	9.4	8.60	15.3	27.3	1.60
6715.0	9:37	92.0	46	140	9.2	9.3	9.4	8.60	15.3	27.9	1.57
6720.0	9:41	75.5	43	142	9.3	9.3	9.4	8.60	15.3	27.3	1.60
6725.0	9:44	84.9	44	141	9.2	9.3	9.4	8.60	15.3	27.8	1.58
6730.0	9:48	98.7	44	142	9.2	9.3	9.4	8.60	15.3	29.1	1.53
6735.0	9:55	95.2	46	133	9.2	9.3	9.4	8.60	15.3	28.2	1.54
4549											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
4549											
6740.0	9:59	88.5	47	139	9.2	9.3	9.4	8.60	15.3	26.9	1.59
6745.0	10: 3	76.2	44	148	9.3	9.3	9.4	8.60	15.3	26.6	1.65
6750.0	10: 7	81.7	46	145	9.4	9.3	9.4	8.60	15.3	26.6	1.64
6755.0	10:11	92.7	47	141	9.4	9.3	9.5	8.60	15.3	28.1	1.57
6760.0	10:14	79.7	45	143	9.4	9.3	9.5	8.60	15.3	27.5	1.60
6765.0	10:21	81.6	43	135	9.4	9.3	9.4	8.60	15.3	28.7	1.56
6770.0	10:24	98.1	45	142	9.4	9.3	9.5	8.60	15.3	29.2	1.54
6775.0	10:28	93.0	43	143	9.3	9.3	9.5	8.60	15.3	29.7	1.53
6780.0	10:31	84.7	44	142	9.3	9.3	9.5	8.60	15.3	28.8	1.56
6785.0	10:35	83.8	45	141	9.3	9.3	9.5	8.60	15.3	28.2	1.58
4598											
6790.0	10:38	94.0	47	140	9.3	9.3	9.5	8.60	15.4	28.4	1.57
6795.0	10:47	90.4	47	128	9.3	9.4	9.5	8.60	15.4	28.2	1.57
6800.0	10:51	89.5	43	138	9.4	9.3	9.5	8.60	15.4	29.3	1.54
6805.0	10:54	105.1	50	137	9.4	9.4	9.5	8.60	15.4	29.0	1.54
6810.0	10:57	89.9	46	139	9.4	9.4	9.5	8.60	15.4	28.6	1.56
6815.0	11: 1	87.9	45	140	9.4	9.4	9.5	8.60	15.4	28.5	1.57
6820.0	11: 5	75.3	46	146	9.3	9.4	9.5	8.60	15.4	27.2	1.63
6825.0	11:12	101.8	43	141	9.3	9.4	9.5	8.60	15.4	30.5	1.49
6830.0	11:16	93.1	44	142	9.4	9.0	9.5	8.60	15.4	29.5	1.54
6835.0	11:19	86.1	40	143	9.3	9.3	9.5	8.60	15.4	30.2	1.52
4646											
6840.0	11:23	96.8	44	142	9.3	9.4	9.5	8.60	15.4	29.8	1.52
6845.0	11:27	91.4	44	142	9.3	9.4	9.6	8.60	15.4	29.5	1.54
6850.0	11:30	88.2	42	143	9.3	9.4	9.5	8.60	15.4	29.7	1.54
6860.0	11:41	92.9	45	143	9.3	9.5	9.5	8.60	15.4	29.2	1.55
6865.0	11:44	84.9	46	145	9.3	9.5	9.5	8.60	15.4	28.1	1.60
6870.0	11:48	85.3	46	147	9.3	9.6	9.5	8.60	15.4	28.0	1.60
6875.0	11:52	81.5	48	145	9.3	9.5	9.5	8.60	15.4	27.2	1.63
6880.0	11:55	92.8	48	146	9.3	9.5	9.5	8.60	15.4	28.0	1.59
6885.0	11:59	74.6	47	145	9.3	9.4	9.5	8.60	15.4	26.8	1.65
6890.0	12: 8	80.4	47	132	9.4	9.4	9.5	8.60	15.4	28.3	1.59
4697											
6895.0	12:11	95.7	49	140	9.4	9.5	9.5	8.60	15.4	28.5	1.58
6900.0	12:15	79.9	47	139	9.3	9.4	9.5	8.60	15.4	27.7	1.61
6905.0	12:19	85.6	49	140	9.3	9.4	9.5	8.60	15.4	27.9	1.60
6910.0	12:23	86.4	48	141	9.3	9.4	9.5	8.60	15.4	28.1	1.60
6915.0	12:27	78.2	49	140	9.3	9.3	9.5	8.60	15.4	27.1	1.64
6920.0	12:34	75.2	48	143	9.4	9.3	9.5	8.60	15.4	27.1	1.65
6925.0	12:38	82.7	49	144	9.4	9.4	9.5	8.60	15.4	27.4	1.63
6930.0	12:42	73.1	49	143	9.4	9.4	9.5	8.60	15.4	26.8	1.66
6935.0	12:45	89.7	49	144	9.4	9.4	9.5	8.60	15.4	28.1	1.60
6940.0	12:49	99.5	48	144	9.4	9.4	9.5	8.60	15.4	29.3	1.55
4745											
6945.0	12:52	92.4	49	145	9.4	9.4	9.5	8.60	15.4	28.3	1.60
6950.0	13: 0	82.8	48	144	9.4	9.3	9.5	8.60	15.4	27.9	1.62
6955.0	13: 4	85.5	49	141	9.4	9.3	9.6	8.60	15.4	28.1	1.61
6960.0	13: 8	81.4	49	141	9.4	9.3	9.6	8.60	15.4	27.7	1.62
6965.0	13:11	104.8	48	141	9.4	9.4	9.6	8.60	15.4	30.0	1.53
6970.0	13:15	75.9	50	139	9.4	9.3	9.6	8.60	15.4	27.1	1.65
6975.0	13:18	81.0	49	139	9.4	9.3	9.6	8.60	15.4	27.8	1.62
6980.0	13:25	88.5	50	139	9.4	9.3	9.6	8.60	15.4	28.4	1.59
6985.0	13:28	98.3	48	147	9.5	9.3	9.5	8.60	15.4	29.4	1.56
6990.0	13:30	114.8	50	145	9.4	9.3	9.6	8.60	15.4	30.2	1.52
4792											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
4792											
6995.0	13:33	109.2	48	147	9.4	9.3	9.6	8.60	15.4	30.2	1.53
7000.0	13:37	96.2	48	145	9.4	9.4	9.6	8.60	15.4	29.3	1.56
7005.0	13:40	93.5	47	147	9.5	9.3	9.6	8.60	15.4	29.5	1.56
7010.0	13:41	118.9	48	147	9.4	9.3	9.6	8.60	15.4	31.2	1.49
7014.0	13:43	116.7	49	147	9.4	9.3	9.7	8.60	15.4	30.9	1.50

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
64											
				NEW BIT ID:	5						
7020.0	13:52	109.0	51	136	9.4	9.3	9.5	8.60	15.5	28.7	1.52
7025.0	13:55	104.2	49	137	9.4	9.4	9.5	8.60	15.5	28.6	1.53
7030.0	13:58	90.5	50	137	9.4	9.4	9.5	8.60	15.5	27.4	1.58
7035.0	14: 1	112.3	48	137	9.5	9.4	9.5	8.60	15.5	29.6	1.49
7040.0	14: 4	94.6	49	138	9.4	9.4	9.6	8.60	15.5	28.1	1.56
7045.0	14: 8	91.0	47	139	9.4	9.4	9.8	8.60	15.5	29.0	1.52
7050.0	14:16	98.0	47	142	9.4	9.4	9.6	8.60	15.5	28.7	1.54
7055.0	14:19	103.9	49	143	9.3	9.4	9.6	8.60	15.5	28.7	1.54
7060.0	14:21	131.1	49	143	9.3	9.4	9.6	8.60	15.5	30.7	1.45
7065.0	14:24	100.2	49	142	9.3	9.4	9.6	8.60	15.5	28.9	1.53
112											
7070.0	14:27	106.1	50	142	9.3	9.4	9.6	8.60	15.5	28.8	1.54
7075.0	14:30	100.7	49	144	9.3	9.4	9.6	8.60	15.5	28.2	1.57
7080.0	14:37	75.4	50	126	9.3	9.3	9.5	8.60	15.5	26.5	1.62
7085.0	14:40	108.7	50	134	9.4	9.3	9.5	8.60	15.5	28.6	1.53
7090.0	14:43	95.8	50	134	9.4	9.3	9.5	8.60	15.5	27.5	1.58
7095.0	14:46	109.7	50	134	9.4	9.3	9.5	8.60	15.5	28.8	1.52
7100.0	14:49	102.9	50	133	9.3	9.4	9.5	8.60	15.5	28.1	1.55
7105.0	14:53	78.7	50	134	9.4	9.4	9.5	8.60	15.5	26.0	1.65
7110.0	15: 2	96.9	45	127	9.4	9.4	9.4	8.60	15.5	29.0	1.52
7115.0	15: 6	55.7	41	138	9.4	9.3	9.5	8.60	15.5	26.3	1.66
153											
7120.0	15:10	84.0	43	140	9.4	9.3	9.5	8.60	15.5	29.4	1.55
7125.0	15:14	80.3	51	137	9.3	9.4	9.5	8.60	15.5	26.1	1.65
7130.0	15:18	78.5	50	138	9.3	9.4	9.5	8.60	15.5	26.3	1.64
7135.0	15:22	80.3	50	137	9.3	9.4	9.5	8.60	15.5	26.6	1.63
7140.0	15:31	81.0	49	133	9.3	9.4	9.5	8.60	15.5	27.1	1.61
7145.0	15:34	111.6	48	133	9.3	9.4	9.6	8.60	15.5	30.3	1.48
7150.0	15:37	109.3	47	135	9.3	9.4	9.5	8.60	15.5	29.8	1.50
7155.0	15:40	101.0	48	134	9.3	9.3	9.5	8.60	15.5	29.1	1.53
7160.0	15:44	70.1	46	137	9.4	9.2	9.5	8.60	15.5	26.7	1.64
7165.0	15:48	85.7	47	136	9.4	9.1	9.5	8.60	15.5	28.3	1.57
200											
7170.0	15:51	108.3	47	136	9.4	8.5	9.5	8.60	15.5	30.0	1.50
7175.0	16: 2	78.7	45	143	9.4	9.2	9.5	8.60	15.5	27.9	1.60
7180.0	16: 6	89.3	45	140	9.4	9.5	9.6	8.60	15.5	29.7	1.54
7185.0	16: 9	89.7	45	140	9.4	9.6	9.5	8.60	15.5	29.6	1.54
7190.0	16:12	108.4	44	140	9.4	9.6	9.6	8.60	15.5	31.5	1.47
7195.0	16:15	90.7	46	140	9.4	9.6	9.5	8.60	15.5	29.4	1.55
7200.0	16:19	73.7	45	142	9.4	9.7	9.6	8.60	15.5	28.1	1.61
7205.0	16:28	81.7	44	138	9.4	9.8	9.6	8.60	15.5	29.5	1.55
7215.0	16:34	104.2	44	141	9.4	9.8	9.6	8.60	15.5	31.0	1.49
7220.0	16:37	98.4	45	140	9.4	9.9	9.5	8.60	15.5	29.9	1.52
249											
7225.0	16:41	90.5	45	140	9.4	9.9	9.6	8.60	15.5	29.5	1.54
7230.0	16:44	101.2	45	140	9.4	9.8	9.5	8.60	15.5	30.0	1.52
7235.0	16:50	93.0	42	138	9.4	9.7	9.5	8.60	15.5	30.9	1.49
7240.0	16:56	82.4	43	128	9.5	9.6	9.6	8.60	15.5	29.8	1.53
7245.0	16:59	109.4	47	134	9.3	9.6	9.6	8.60	15.5	31.7	1.47
7250.0	17: 2	128.6	46	133	9.4	9.6	9.6	8.60	15.6	33.2	1.40
7255.0	17: 5	98.2	45	134	9.4	9.6	9.6	8.60	15.6	31.2	1.49

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
282											
7260.0	17: 8	96.8	45	135	9.4	9.6	9.6	8.60	15.6	30.9	1.51
7265.0	17:19	82.0	45	132	9.4	9.6	9.6	8.60	15.6	30.0	1.55
7270.0	17:23	82.3	47	123	9.6	9.5	9.6	8.60	15.6	29.3	1.56
7275.0	17:26	91.1	47	126	9.5	9.6	9.6	8.60	15.6	30.6	1.51
7280.0	17:31	76.7	46	127	9.4	9.6	9.6	8.60	15.6	28.8	1.60
7285.0	17:35	76.5	45	127	9.4	9.6	9.6	8.60	15.6	29.4	1.57
7290.0	17:39	81.9	45	128	9.3	9.5	9.6	8.60	15.6	30.1	1.54
7295.0	17:44	68.4	45	128	9.3	9.5	9.6	8.60	15.6	28.6	1.61
7300.0	17:54	82.9	38	133	9.3	9.4	9.6	8.60	15.6	32.3	1.48
7305.0	17:58	67.1	44	135	9.3	9.4	9.6	8.60	15.6	28.6	1.62
331											
7310.0	18: 2	83.4	46	137	9.3	9.4	9.6	8.60	15.6	29.4	1.58
7315.0	18: 6	82.3	46	137	9.3	9.5	9.5	8.60	15.6	29.2	1.59
7320.0	18:10	75.7	46	137	9.3	9.5	9.5	8.60	15.6	28.7	1.61
7325.0	18:14	86.7	45	137	9.2	9.5	9.5	8.60	15.6	29.8	1.57
7330.0	18:23	92.0	43	132	9.3	9.5	9.5	8.60	15.6	31.4	1.50
7335.0	18:26	81.7	43	141	9.3	9.5	9.5	8.60	15.6	30.4	1.56
7340.0	18:30	93.9	42	142	9.3	9.4	9.5	8.60	15.6	31.5	1.51
7345.0	18:34	79.9	48	142	9.4	9.4	9.5	8.60	15.6	28.1	1.64
7350.0	18:38	70.5	47	143	9.3	9.4	9.5	8.60	15.6	27.6	1.67
7355.0	18:43	73.4	47	143	9.3	9.4	9.5	8.60	15.6	27.5	1.67
378											
7360.0	18:51	71.5	46	134	9.4	9.4	9.5	8.60	15.6	28.5	1.63
7365.0	18:55	96.2	48	143	9.3	9.4	9.5	8.60	15.6	29.4	1.60
7370.0	18:59	65.7	48	143	9.3	9.4	9.5	8.60	15.6	27.2	1.70
7375.0	19: 2	86.2	47	145	9.3	9.4	9.5	8.60	15.6	29.0	1.62
7380.0	19: 7	84.6	47	144	9.3	9.4	9.5	8.60	15.6	29.0	1.62
7385.0	19:10	85.8	48	144	9.3	9.4	9.5	8.60	15.6	29.2	1.61
7390.0	19:18	81.8	46	142	9.4	9.4	9.6	8.60	15.6	29.8	1.59
7395.0	19:23	77.2	40	139	9.3	9.4	9.5	8.60	15.6	31.4	1.54
7400.0	19:27	66.1	47	139	9.3	9.4	9.5	8.60	15.6	27.8	1.68
7405.0	19:30	100.8	49	140	9.3	9.4	9.5	8.60	15.6	30.1	1.57
425											
7410.0	19:34	76.4	49	140	9.3	9.4	9.5	8.60	15.6	28.3	1.65
7415.0	19:38	80.3	50	141	9.3	9.4	9.5	8.60	15.6	27.8	1.68
7420.0	19:42	88.5	49	140	9.3	9.4	9.5	8.60	15.6	29.4	1.61
7425.0	19:50	74.0	43	142	9.3	9.4	9.5	8.60	15.6	29.6	1.61
7430.0	19:53	97.7	49	142	9.3	9.4	9.5	8.60	15.6	30.1	1.58
7435.0	19:58	74.4	49	143	9.3	9.4	9.5	8.60	15.6	28.1	1.67
7440.0	20: 1	88.6	49	143	9.3	9.4	9.5	8.60	15.6	29.3	1.62
7445.0	20: 4	94.0	50	142	9.3	9.4	9.5	8.60	15.6	29.5	1.60
7450.0	20: 8	70.5	49	143	9.3	9.4	9.5	8.60	15.6	27.6	1.69
7455.0	20:16	85.5	41	136	9.3	9.4	9.5	8.60	15.6	31.7	1.53
473											
7460.0	20:20	80.5	39	144	9.3	9.3	9.5	8.60	15.6	31.5	1.55
7465.0	20:23	80.3	39	146	9.3	9.4	9.5	8.60	15.6	32.0	1.53
7470.0	20:27	81.6	39	146	9.3	9.4	9.5	8.60	15.6	31.8	1.54
7475.0	20:31	86.2	40	144	9.3	9.3	9.5	8.60	15.6	32.0	1.53
7480.0	20:34	88.6	39	143	9.3	9.4	9.5	8.60	15.6	32.6	1.51
7485.0	20:58	84.5	45	148	9.4	9.4	9.5	8.60	15.6	30.5	1.59
7490.0	21: 6	71.3	45	123	9.3	9.4	9.5	8.60	15.7	29.9	1.59
7495.0	21:12	63.7	45	138	9.3	9.4	9.5	8.60	15.7	28.0	1.69
7500.0	21:52	83.8	45	141	9.3	9.6	9.5	8.60	15.7	30.5	1.59
7505.0	21:56	82.2	47	139	9.4	10.0	9.4	8.60	15.7	29.8	1.61
521											

DEPTH	TIME	POP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
521											
7510.0	22: 1	67.8	49	139	9.3	9.9	9.4	8.60	15.7	27.4	1.72
7520.0	22:11	82.0	50	142	9.4	9.6	9.5	8.60	15.7	28.8	1.65
7525.0	22:15	71.8	49	146	9.4	9.5	9.5	8.60	15.7	27.7	1.71
7530.0	22:19	89.4	49	146	9.4	9.5	9.5	8.60	15.7	29.3	1.64
7535.0	22:23	90.6	48	147	9.4	9.4	9.5	8.60	15.7	30.0	1.61
7540.0	22:28	63.6	48	147	9.4	9.5	9.5	8.60	15.7	27.5	1.72
7545.0	22:32	89.2	48	148	9.4	9.5	9.6	8.60	15.7	29.5	1.63
7550.0	22:43	62.0	47	135	9.4	9.4	9.6	8.60	15.7	28.5	1.67
7555.0	22:48	59.6	49	143	9.4	9.4	9.6	8.60	15.7	27.4	1.73
7560.0	7:57	28.6	32	134	9.4	9.4	9.5	8.60	15.7	28.7	1.72
570											
7565.0	8:10	24.0	23	136	9.5	9.3	9.5	8.60	15.7	31.2	1.64
7570.0	8:22	25.0	25	136	9.5	9.6	9.6	8.60	15.7	30.9	1.65
7575.0	8:37	22.6	23	138	9.5	9.6	9.6	8.60	15.7	31.0	1.65
7580.0	9: 8	20.5	22	134	9.6	9.5	9.6	8.60	15.7	31.0	1.65
7585.0	9:21	26.0	23	145	9.7	9.6	9.7	8.60	15.7	32.2	1.61
7590.0	9:31	28.6	28	144	9.6	9.5	9.7	8.60	15.7	30.7	1.64
7595.0	9:41	33.3	28	143	9.6	9.6	9.7	8.60	15.7	31.7	1.61
7600.0	9:51	32.0	29	140	9.7	9.6	9.7	8.60	15.7	30.9	1.63
7605.0	10: 1	30.8	29	140	9.9	9.6	9.8	8.60	15.7	31.0	1.63
7610.0	10:50	30.8	28	136	9.8	9.6	9.8	8.60	15.7	31.5	1.60
620											
7615.0	11: 0	30.8	29	139	9.7	9.8	10.0	8.60	15.7	31.6	1.59
7620.0	11:11	30.3	27	141	9.6	9.7	9.9	8.60	15.7	32.1	1.59
7625.0	11:21	32.5	27	140	9.6	9.7	9.9	8.60	15.7	32.6	1.57
7630.0	11:31	28.5	27	140	9.7	9.7	9.8	8.60	15.7	31.9	1.60
7635.0	11:43	26.3	26	140	9.7	9.6	9.8	8.60	15.7	31.5	1.62
7640.0	12:10	18.4	22	139	9.7	9.6	9.8	8.60	15.7	31.3	1.65
7645.0	12:23	18.7	23	119	9.7	9.6	9.8	8.60	15.7	31.6	1.62
7650.0	12:39	20.4	22	123	9.7	9.6	9.8	8.60	15.7	32.3	1.60
7655.0	12:54	21.0	23	125	9.7	9.7	9.8	8.60	15.7	32.6	1.59
7660.0	13:11	19.0	23	125	9.8	9.6	9.8	8.60	15.7	31.7	1.62
669											
7665.0	13:28	17.6	22	126	9.8	9.5	9.9	8.60	15.7	32.0	1.62
7670.0	13:53	18.7	22	125	9.8	9.4	9.9	8.60	15.7	32.4	1.60
7675.0	14: 6	26.3	22	137	9.7	9.4	9.9	8.60	15.7	34.5	1.54
7680.0	14:17	25.9	28	134	9.7	9.5	9.9	8.60	15.7	31.3	1.63
7685.0	14:30	23.5	27	136	9.8	9.5	9.8	8.60	15.7	30.9	1.65
7690.0	14:46	22.5	25	137	9.7	9.5	9.8	8.60	15.7	30.8	1.66
7695.0	15: 5	16.0	23	139	9.7	9.6	9.9	8.60	15.7	30.0	1.70
7700.0	15:17	24.1	24	138	9.6	9.6	9.9	8.60	15.7	32.6	1.60
7705.0	15:39	26.3	26	137	9.7	9.6	9.8	8.60	15.7	31.5	1.63
7710.0	15:53	24.2	27	143	9.7	9.6	9.8	8.60	15.7	29.6	1.68
718											
7715.0	16:10	23.2	27	144	9.7	9.6	9.8	8.60	15.7	30.0	1.69
7720.0	16:25	22.8	27	145	9.7	9.6	9.9	8.60	15.7	30.2	1.69
7725.0	16:39	23.2	26	144	9.7	9.6	9.9	8.60	15.7	30.8	1.67
7730.0	16:55	19.4	25	145	9.7	9.6	9.9	8.60	15.8	30.1	1.70
7735.0	17:30	27.1	25	128	9.7	9.6	9.8	8.60	15.8	33.4	1.56
7740.0	17:50	14.8	25	132	9.7	9.7	9.8	8.60	15.8	28.9	1.73
7745.0	18: 8	17.5	25	132	9.7	9.7	9.8	8.60	15.8	30.2	1.69
7750.0	18:25	17.4	25	133	9.6	9.7	9.8	8.60	15.8	29.9	1.70
7755.0	18:41	18.6	26	133	9.5	9.7	9.7	8.60	15.8	29.6	1.72
7760.0	18:59	17.6	27	133	9.4	9.7	9.7	8.60	15.8	28.6	1.76
767											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
767											
7765.0	19:16	18.5	27	131	9.4	9.7	9.6	8.60	15.8	28.5	1.76
7770.0	19:36	22.4	30	130	9.6	9.7	9.6	8.60	15.8	28.9	1.74
7775.0	19:48	25.0	30	136	9.6	9.7	9.6	8.60	15.8	29.6	1.72
7780.0	20: 3	20.7	28	138	9.6	9.7	9.7	8.60	15.8	29.0	1.75
7785.0	20:18	21.9	28	138	9.6	9.7	9.7	8.60	15.8	29.6	1.72
7790.0	20:33	20.8	27	138	9.6	9.7	9.7	8.60	15.8	29.8	1.72
7795.0	20:46	22.3	27	138	9.6	9.7	9.7	8.60	15.8	30.4	1.70
7800.0	21: 9	20.8	28	135	9.6	9.6	9.7	8.60	15.8	29.1	1.74
7805.0	21:25	21.4	30	137	9.7	9.9	9.7	8.60	15.8	28.6	1.76
7810.0	21:37	26.8	28	138	9.7	9.8	9.7	8.60	15.8	31.2	1.66
817											
7815.0	21:48	28.1	29	136	9.6	9.8	9.8	8.60	15.8	31.2	1.66
7820.0	22: 2	24.6	28	136	9.6	9.8	9.8	8.60	15.8	30.5	1.69
7825.0	22:15	23.5	30	135	9.6	9.8	9.8	8.60	15.8	29.9	1.71
7830.0	22:31	31.8	31	124	9.8	9.8	9.7	8.60	15.8	31.1	1.65
7835.0	22:43	25.6	29	133	9.7	9.8	9.8	8.60	15.8	30.8	1.68
7840.0	22:58	20.9	31	134	9.8	9.8	9.8	8.60	15.8	28.4	1.76
7845.0	23: 6	45.9	30	133	9.7	9.8	9.8	8.60	15.8	34.7	1.52
7850.0	23:12	37.2	27	135	9.7	9.8	9.8	8.60	15.8	34.8	1.53
7851.0	23:13	137.4	31	130	9.6	9.8	9.9	8.60	15.8	43.1	1.19
NEW BIT ID: -1 CORE # 1											
7855.0	19:11	7.7	12	64	9.7	9.9	9.8	8.60	15.8	31.3	1.57
864											
7860.0	19:34	15.4	13	66	9.7	9.5	9.8	8.60	15.8	34.4	1.46
7865.0	19:51	18.7	13	64	9.7	9.8	9.8	8.60	15.8	36.5	1.38
7870.0	20: 7	20.2	16	63	9.7	9.9	9.8	8.60	15.8	34.8	1.42
7875.0	20:14	45.7	14	65	9.7	9.9	9.8	8.60	15.8	42.4	1.17
7880.0	20:46	30.0	14	66	9.7	9.9	9.8	8.60	15.8	35.1	1.42
7885.0	21:30	17.5	15	65	9.7	10.0	9.8	8.60	15.8	29.9	1.60
7888.0	21:58	6.4	15	64	9.7	10.0	9.8	8.60	15.8	26.5	1.73
NEW BIT ID: -2 CORE # 2											
7890.0	0:54	19.6	15	67	9.6	9.8	9.8	8.60	15.8	34.8	1.46
7895.0	1: 9	23.2	17	65	9.6	9.8	9.8	8.60	15.8	34.8	1.45
7900.0	8:27	19.6	16	62	9.7	9.9	9.9	8.60	15.8	34.3	1.46
913											
7905.0	9: 8	9.2	17	66	9.7	10.0	9.9	8.60	15.8	27.0	1.73
7910.0	9:21	27.8	16	70	9.7	10.0	9.9	8.60	15.8	36.2	1.40
7915.0	9:32	54.8	15	70	9.8	10.0	9.9	8.60	15.8	40.8	1.25
7920.0	9:43	27.3	17	69	9.8	10.1	9.9	8.60	15.8	36.7	1.38
7925.0	9:53	33.3	16	69	9.8	10.1	10.0	8.60	15.8	38.9	1.31
7929.0	10: 0	32.3	16	68	9.8	10.1	10.0	8.60	15.8	38.3	1.32
NEW BIT ID: -3 CORE # 3											
7930.0	19:15	12.9	12	57	9.7	9.6	9.9	8.60	15.8	36.5	1.42
7935.0	19:25	33.2	20	62	9.7	9.7	9.9	8.60	15.8	36.6	1.36
7940.0	19:41	21.0	17	68	9.7	9.7	9.9	8.60	15.8	34.6	1.46
7945.0	19:54	25.4	17	66	9.6	9.7	9.9	8.60	15.8	35.6	1.42
962											
7950.0	20:15	15.5	16	66	9.7	9.7	9.9	8.60	15.8	32.7	1.53

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
967											
7955.0	20:32	20.1	18	65	9.6	9.7	9.9	8.60	15.8	33.5	1.49
7960.0	20:56	13.4	17	66	9.6	9.7	9.9	8.60	15.8	31.2	1.58
7965.0	21:36	7.9	18	65	9.7	9.7	9.9	8.60	15.8	26.7	1.74
7970.0	22:14	8.1	16	66	9.7	9.6	9.9	8.60	15.8	27.9	1.71
7974.0	22:49	7.3	18	65	9.6	9.6	9.9	8.60	15.8	26.1	1.77
NEW BIT ID: 6											
7975.0	36:24	47.7	25	104	9.7	9.8	9.6	8.60	15.9	45.0	1.04
7980.0	36:24	65.4	23	105	9.7	9.8	10.0	8.60	15.9	37.0	1.38
7985.0	7:30	59.5	23	107	9.7	9.8	10.0	8.60	15.9	36.2	1.41
7990.0	7:31	39.0	24	109	9.7	9.8	10.0	8.60	15.9	32.7	1.55
7995.0	36:24	198.5	23	108	9.7	9.8	10.0	8.60	15.9	45.7	1.04
1006											
8000.0	36:24	194.0	23	106	9.7	9.8	10.0	8.60	15.9	45.2	1.06
8005.0	7:41	114.7	24	107	9.7	9.8	10.0	8.60	15.9	41.0	1.22
8010.0	7:51	81.8	23	95	9.7	9.8	10.0	8.60	15.9	40.1	1.27
8015.0	7:54	92.0	25	102	9.7	9.8	10.0	8.60	15.9	39.0	1.30
8020.0	7:58	83.2	23	103	9.7	9.8	10.0	8.60	15.9	39.2	1.31
8025.0	8: 1	106.9	23	103	9.7	9.7	10.0	8.60	15.9	41.5	1.22
8030.0	8: 5	82.9	24	103	9.7	9.7	10.0	8.60	15.9	38.9	1.31
8035.0	8: 9	69.1	25	102	9.7	9.7	10.0	8.60	15.9	37.0	1.38
8040.0	8:20	58.5	23	104	9.7	9.7	10.0	8.60	15.9	36.9	1.41
8045.0	8:23	85.8	23	105	9.7	9.7	10.0	8.60	15.9	39.7	1.29
1048											
8050.0	8:26	98.9	23	106	9.7	9.7	10.1	8.60	15.9	41.1	1.24
8055.0	8:29	113.9	23	105	9.7	9.7	10.1	8.60	15.9	42.1	1.20
8060.0	8:32	107.9	23	106	9.7	9.7	10.1	8.60	15.9	41.5	1.23
8065.0	8:36	69.7	23	106	9.7	9.7	10.1	8.60	15.9	38.2	1.36
8070.0	8:46	62.0	25	104	9.7	9.7	10.1	8.60	15.9	36.5	1.41
8075.0	8:50	63.4	25	108	9.7	9.7	10.1	8.60	15.9	36.2	1.42
8080.0	8:56	52.6	24	110	9.7	9.7	10.1	8.60	15.9	35.6	1.46
8085.0	9: 1	66.1	25	109	9.7	9.7	10.1	8.60	15.9	36.7	1.41
8090.0	9: 6	62.5	25	111	9.7	9.7	10.1	8.60	15.9	35.9	1.44
8095.0	9:11	54.6	25	112	9.7	9.7	10.1	8.60	15.9	35.1	1.48
1098											
8100.0	9:27	56.6	25	107	9.7	9.7	10.1	8.60	15.9	35.6	1.46
8105.0	9:34	50.0	24	105	9.7	9.7	10.0	8.60	15.9	35.4	1.47
8110.0	9:39	55.3	24	107	9.7	9.7	10.0	8.60	15.9	36.3	1.44
8115.0	9:45	51.1	24	106	9.7	9.8	10.1	8.60	15.9	35.7	1.46
8120.0	9:50	76.2	24	107	9.7	9.8	10.1	8.60	15.9	38.3	1.36
8125.0	9:55	59.7	25	104	9.7	9.8	10.1	8.60	15.9	36.3	1.44
8130.0	10: 2	49.8	24	105	9.7	9.8	10.1	8.60	15.9	35.6	1.47
8135.0	10:10	77.1	24	91	9.7	9.8	10.1	8.60	15.9	39.9	1.31
8140.0	10:16	50.2	25	105	9.7	9.8	10.1	8.60	15.9	35.5	1.49
8145.0	10:21	59.8	25	105	9.7	9.8	10.1	8.60	15.9	37.0	1.43
1145											
8150.0	10:27	55.2	25	105	9.7	9.8	10.1	8.60	15.9	36.6	1.45
8155.0	10:32	61.7	24	106	9.7	9.8	10.1	8.60	15.9	37.4	1.41
8160.0	10:36	64.9	24	106	9.7	9.8	10.1	8.60	15.9	38.0	1.39
8165.0	10:47	56.6	25	94	9.7	9.8	10.1	8.60	15.9	37.7	1.40
8170.0	10:53	51.8	28	107	9.7	9.8	10.1	8.60	15.9	34.4	1.54
8175.0	10:59	52.5	26	109	9.7	9.8	10.1	8.60	15.9	35.5	1.51
8180.0	11: 5	49.5	27	109	9.7	9.8	10.1	8.60	15.9	34.6	1.54

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1180											
8185.0	11:13	42.0	26	110	9.7	9.8	10.1	8.60	15.9	33.9	1.57
8190.0	11:18	53.6	27	110	9.7	9.8	10.1	8.60	15.9	35.3	1.51
8195.0	11:23	58.5	27	110	9.7	9.8	10.1	8.60	15.9	35.7	1.50

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 farenheit
MTO	-	Mud temperature out, in degrees farenheit
MRO	-	The mud resistivity out, in ohm-metres
YPM	-	The yield point of the mud in lbs/100 sq. ft.
PVM	-	The Plastic viscosity of the mud in centipoise
MVI	-	The mud flow rate in gallons per minute, computed from the pump rate and pump output
MDOV	-	The mud density override setting

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
	64										
				NEW BIT ID:	2						
805.0	21:43	.26	61	67	.00	.00	0	0	1050	.0	2
810.0	21:43	-3.16	61	67	.00	.00	0	0	1050	.0	1
815.0	21:44	-.29	61	67	.00	.00	0	0	1057	.0	1
820.0	21:45	-1.05	61	68	.00	.00	0	0	1057	.0	1
900.0	21:59	.37	60	68	.00	.00	2	5	1096	.0	2
930.0	22: 8	-1.76	58	67	.00	.00	2	5	1075	.0	4
940.0	22: 9	.51	57	65	.00	.00	2	5	1067	.0	1
955.0	22:15	.47	57	66	.00	.00	2	5	1075	.0	2
960.0	22:16	-.60	58	67	.00	.00	2	5	1072	.0	1
975.0	22:18	.08	58	66	.00	.00	2	5	1083	.0	2
	85										
980.0	22:19	.47	58	66	.00	.00	2	5	1086	.0	2
990.0	22:26	.44	58	66	.00	.00	2	5	1075	.0	3
1000.0	22:28	.48	58	66	.00	.00	2	5	1065	.0	3
1015.0	22:31	.53	59	66	.00	.00	2	5	1069	.0	4
1035.0	22:38	.70	59	65	.00	.00	2	5	1077	.0	3
1040.0	22:39	.87	59	66	.00	.00	2	5	1080	.0	1
1045.0	22:40	1.15	59	66	.00	.00	2	5	1080	.0	1
1050.0	22:41	1.13	59	66	.00	.00	2	5	1080	.0	1
1055.0	22:42	1.25	59	67	.00	.00	2	5	1076	.0	1
1070.0	22:50	.74	59	67	.00	.00	2	5	1121	.0	4
	108										
1085.0	22:53	.98	60	67	.00	.00	2	5	1129	.0	5
1090.0	23: 0	1.15	60	67	.00	.00	2	5	1114	.0	3
1100.0	23: 2	1.24	60	67	.00	.00	2	5	1107	.0	2
1110.0	23: 4	1.27	60	67	.00	.00	2	5	1107	.0	2
1115.0	23: 5	1.54	60	68	.00	.00	2	5	1107	.0	1
1120.0	23:11	1.02	60	68	.00	.00	2	5	1123	.0	4
1125.0	23:12	1.05	60	68	.00	.00	2	5	1156	.0	2
1135.0	23:15	1.49	61	67	.00	.00	2	5	1155	.0	5
1140.0	23:16	1.62	61	68	.00	.00	2	5	1139	.0	2
1150.0	0: 0	1.50	59	64	.00	.00	4	5	1222	.0	4
	138										
1170.0	0: 5	1.54	58	60	.00	.00	5	5	1279	.0	5
1180.0	23:36	1.31	59	64	.00	.00	4	5	1240	.0	3
1185.0	23:37	1.26	60	69	.00	.00	2	5	1159	.0	1
1210.0	23:50	1.18	61	68	.00	.00	4	5	1191	.0	5
1215.0	23:51	1.60	62	69	.00	.00	5	5	1242	.0	1
1220.0	23:51	1.43	62	69	.00	.00	5	5	1245	.0	1
1230.0	23:53	1.53	62	69	.00	.00	5	5	1219	.0	2
1240.0	23:55	1.59	62	70	.00	.00	5	5	1224	.0	2
1250.0	0: 1	1.54	63	70	.00	.00	5	5	1224	.0	4
1260.0	0: 4	1.39	63	69	.00	.00	5	5	1243	.0	5
	167										
1270.0	0: 7	1.48	63	70	.00	.00	5	5	1229	.0	7
1280.0	0:12	1.56	63	71	.00	.00	5	5	1211	.0	4
1290.0	0:14	1.45	64	70	.00	.00	5	5	1229	.0	4
1295.0	0:15	1.47	64	70	.00	.00	5	5	1234	.0	4
1300.0	0:16	1.44	64	70	.00	.00	5	5	1234	.0	4
1310.0	0:21	1.78	64	70	.00	.00	5	5	1232	.0	2
1320.0	0:23	1.71	64	70	.00	.00	5	5	1254	.0	3

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDDV	RECDS
	195										
1325.0	0:24	1.62	64	70	.00	.00	5	5	1254	.0	1
1330.0	0:26	1.94	64	70	.00	.00	5	5	1254	.0	2
1340.0	0:31	1.65	64	70	.00	.00	5	5	1246	.0	2
1350.0	0:33	1.62	64	70	.00	.00	5	5	1250	.0	3
1360.0	0:35	1.59	64	70	.00	.00	5	5	1255	.0	3
1365.0	0:40	1.69	64	70	.00	.00	5	5	1251	.0	4
1370.0	0:42	1.79	65	71	.00	.00	5	5	1239	.0	2
1375.0	0:43	1.61	65	71	.00	.00	5	5	1239	.0	3
1380.0	0:43	1.55	65	71	.00	.00	5	5	1241	.0	2
1390.0	0:45	1.71	65	71	.00	.00	5	5	1242	.0	4
	221										
1395.0	0:46	1.64	65	71	.00	.00	5	5	1242	.0	2
1400.0	0:51	1.80	64	71	.00	.00	5	5	1242	.0	2
1405.0	0:52	1.74	64	71	.00	.00	5	5	1252	.0	1
1410.0	0:53	1.68	64	71	.00	.00	5	5	1252	.0	1
1420.0	0:55	1.62	64	71	.00	.00	5	5	1258	.0	4
1430.0	0:57	1.69	65	71	.00	.00	5	5	1258	.0	4
1435.0	1: 2	1.73	65	67	.00	.00	5	5	1254	.0	3
1440.0	1: 2	1.68	64	62	.00	.00	5	5	1250	.0	2
1450.0	1: 5	1.30	64	62	.00	.00	5	5	1251	.0	5
1460.0	1: 7	1.51	63	62	.00	.00	5	5	1248	.0	4
	249										
1470.0	1:13	1.37	60	72	.00	.00	5	5	1244	.0	3
1475.0	1:14	1.30	58	71	.00	.00	5	5	1244	.0	3
1480.0	1:16	1.22	58	72	.00	.00	5	5	1241	.0	4
1485.0	1:17	1.28	58	72	.00	.00	5	5	1239	.0	2
1490.0	1:18	1.17	59	72	.00	.00	5	5	1239	.0	2
1495.0	1:23	1.29	61	73	.00	.00	5	5	1241	.0	4
1500.0	1:24	1.28	62	72	.00	.00	5	5	1243	.0	2
1505.0	1:25	1.15	62	72	.00	.00	5	5	1239	.0	1
1510.0	1:27	1.17	62	72	.00	.00	5	5	1244	.0	1
1515.0	1:28	1.40	62	73	.00	.00	5	5	1245	.0	4
	275										
1520.0	1:29	1.48	62	73	.00	.00	5	5	1243	.0	2
1525.0	1:33	1.43	63	71	.00	.00	5	5	1246	.0	2
1530.0	1:34	1.49	63	72	.00	.00	5	5	1246	.0	1
1535.0	1:50	1.66	63	69	.00	.00	5	5	1224	.0	2
1540.0	1:51	1.81	63	69	.00	.00	5	5	1224	.0	4
1550.0	1:54	1.79	64	72	.00	.00	5	5	1224	.0	4
1560.0	2: 1	1.77	64	71	.00	.00	5	5	1233	.0	4
1565.0	2: 2	1.80	63	73	.00	.00	5	5	1235	.0	3
1570.0	2: 3	1.49	64	73	.00	.00	5	5	1231	.0	4
1575.0	2: 5	1.73	64	74	.00	.00	5	5	1230	.0	3
	304										
1580.0	2: 7	1.77	63	74	.00	.00	5	5	1220	.0	5
1585.0	2: 7	1.60	63	74	.00	.00	5	5	1217	.0	1
1590.0	2:13	1.79	63	73	.00	.00	5	5	1214	.0	3
1595.0	2:15	1.57	63	73	.00	.00	5	5	1212	.0	5
1600.0	2:16	1.64	63	73	.00	.00	5	5	1212	.0	2
1605.0	2:17	1.70	64	73	.00	.00	5	5	1212	.0	2
1610.0	2:18	1.45	64	73	.00	.00	5	5	1212	.0	3
1615.0	2:19	1.53	64	74	.00	.00	5	5	1212	.0	3
1620.0	2:26	1.66	65	74	.00	.00	5	5	1198	.0	3
1630.0	2:30	1.83	65	73	.00	.00	5	5	1212	.0	5
	336										

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
336											
1635.0	2:32	1.92	66	74	.00	.00	5	5	1199	.0	4
1640.0	2:33	1.93	66	74	.00	.00	5	5	1199	.0	2
1645.0	2:35	2.08	66	74	.00	.00	5	5	1199	.0	2
1650.0	2:37	2.11	66	74	.00	.00	5	5	1195	.0	5
1660.0	2:45	1.91	64	72	.00	.00	5	5	1212	.0	8
1665.0	2:47	2.03	62	73	.00	.00	5	5	1213	.0	2
1670.0	2:49	2.02	62	73	.00	.00	5	5	1213	.0	3
1675.0	2:51	2.04	62	73	.00	.00	5	5	1208	.0	4
1680.0	2:53	2.03	63	73	.00	.00	5	5	1203	.0	2
1685.0	3: 1	2.08	64	69	.00	.00	5	5	1219	.0	4
372											
1690.0	3: 2	1.94	63	71	.00	.00	5	5	1254	.0	2
1695.0	3: 4	1.98	63	72	.00	.00	5	5	1203	.0	4
1700.0	3: 5	2.18	63	73	.00	.00	5	5	1203	.0	4
1705.0	3: 8	2.21	63	74	.00	.00	5	5	1200	.0	4
1710.0	3:10	2.14	63	74	.00	.00	5	5	1201	.0	4
1720.0	3:17	1.98	64	73	.00	.00	5	5	1200	.0	4
1725.0	3:18	1.97	65	72	.00	.00	5	5	1200	.0	1
1730.0	3:20	1.98	65	72	.00	.00	5	5	1204	.0	4
1740.0	3:22	1.83	66	73	.00	.00	5	5	1204	.0	3
1750.0	3:28	1.74	66	74	.00	.00	5	5	1204	.0	2
404											
1760.0	3:30	1.84	66	73	.00	.00	5	5	1208	.0	5
1765.0	3:31	1.82	66	73	.00	.00	5	5	1208	.0	3
1770.0	3:32	1.86	66	74	.00	.00	5	5	1208	.0	4
1780.0	3:40	2.03	66	74	.00	.00	5	5	1213	.0	5
1785.0	3:41	1.89	66	73	.00	.00	5	5	1220	.0	2
1790.0	3:43	2.01	66	73	.00	.00	5	5	1214	.0	4
1795.0	3:44	1.79	66	73	.00	.00	5	5	1208	.0	2
1800.0	3:45	1.75	66	74	.00	.00	5	5	1208	.0	3
1810.0	3:51	1.99	65	74	.00	.00	5	5	1221	.0	4
1815.0	3:52	1.84	64	74	.00	.00	5	5	1212	.0	3
439											
1820.0	3:54	1.84	63	74	.00	.00	5	5	1207	.0	2
1825.0	3:55	1.77	63	74	.00	.00	5	5	1207	.0	1
1830.0	3:56	1.92	62	75	.00	.00	5	5	1206	.0	3
1835.0	3:57	2.01	62	75	.00	.00	5	5	1203	.0	2
1840.0	4: 3	2.24	63	75	.00	.00	5	5	1213	.0	3
1845.0	4: 4	2.46	64	74	.00	.00	5	5	1220	.0	2
1850.0	4: 6	2.15	64	74	.00	.00	5	5	1220	.0	3
1860.0	4: 7	2.04	65	74	.00	.00	5	5	1220	.0	4
1870.0	4:14	2.03	65	74	.00	.00	5	5	1217	.0	4
1880.0	4:15	1.96	65	74	.00	.00	5	5	1202	.0	5
468											
1885.0	4:16	1.92	65	73	.00	.00	5	5	1202	.0	4
1890.0	4:17	1.88	65	73	.00	.00	5	5	1202	.0	1
1900.0	4:18	1.82	64	74	.00	.00	5	5	1204	.0	3
1910.0	4:23	1.81	64	74	.00	.00	5	5	1206	.0	2
1915.0	4:24	1.91	65	73	.00	.00	5	5	1204	.0	2
1920.0	4:25	1.97	65	73	.00	.00	5	5	1204	.0	2
1925.0	4:26	1.90	65	73	.00	.00	5	5	1204	.0	1
1930.0	4:27	1.88	64	73	.00	.00	5	5	1206	.0	3
1935.0	4:32	2.03	65	73	.00	.00	5	5	1213	.0	3
1940.0	4:33	2.05	65	72	.00	.00	5	5	1204	.0	2
491											

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
	491										
1950.0	4:35	2.26	65	72	.00	.00	5	5	1199	.0	5
1960.0	4:38	2.21	66	73	.00	.00	5	5	1194	.0	6
1965.0	4:43	1.97	65	74	.00	.00	5	5	1208	.0	2
1970.0	4:44	2.25	65	74	.00	.00	5	5	1211	.0	3
1980.0	4:47	2.37	64	74	.00	.00	5	5	1198	.0	4
1985.0	4:48	2.35	63	75	.00	.00	5	5	1194	.0	1
1990.0	4:49	2.34	63	75	.00	.00	5	5	1194	.0	4
2000.0	4:58	2.63	64	73	.00	.00	5	5	1197	.0	5
2005.0	4:59	2.28	66	73	.00	.00	5	5	1205	.0	4
2010.0	5: 1	2.50	66	73	.00	.00	5	5	1205	.0	3
	528										
2020.0	5: 3	2.41	66	74	.00	.00	5	5	1205	.0	3
2030.0	5:12	2.37	67	74	.00	.00	5	5	1189	.0	5
2035.0	5:13	2.11	68	73	.00	.00	5	5	1181	.0	3
2040.0	5:14	2.05	68	73	.00	.00	5	5	1188	.0	2
2050.0	5:17	2.22	68	74	.00	.00	5	5	1191	.0	8
2060.0	5:20	2.45	67	75	.00	.00	5	5	1193	.0	3
2070.0	5:29	2.43	65	74	.00	.00	5	5	1195	.0	5
2075.0	5:31	2.29	64	74	.00	.00	5	5	1198	.0	3
2080.0	5:32	2.38	63	75	.00	.00	5	5	1201	.0	3
2090.0	5:40	2.46	63	75	.00	.00	5	5	1210	.0	4
	567										
2095.0	5:41	2.34	63	74	.00	.00	5	5	1205	.0	2
2100.0	5:43	2.47	63	75	.00	.00	5	5	1201	.0	2
2110.0	5:46	2.42	62	75	.00	.00	5	5	1201	.0	6
2115.0	5:47	2.48	63	76	.00	.00	5	5	1201	.0	2
2120.0	5:52	2.16	63	76	.00	.00	5	5	1196	.0	2
2125.0	5:54	2.60	64	75	.00	.00	5	5	1194	.0	3
2130.0	5:55	2.53	64	75	.00	.00	5	5	1189	.0	4
2140.0	5:58	2.43	64	75	.00	.00	5	5	1188	.0	6
2145.0	5:59	2.41	64	75	.00	.00	5	5	1193	.0	1
2160.0	6: 7	2.05	65	74	.00	.00	5	5	1193	.0	3
	598										
2165.0	6: 9	2.45	65	74	.00	.00	5	5	1196	.0	3
2170.0	6:10	2.41	66	74	.00	.00	5	5	1198	.0	4
2180.0	6:12	2.26	66	75	.00	.00	5	5	1198	.0	5
2190.0	6:19	2.02	65	74	.00	.00	5	5	1200	.0	3
2200.0	6:20	2.02	64	74	.00	.00	5	5	1186	.0	4
2210.0	6:21	1.69	64	74	.00	.00	5	5	1186	.0	1
2220.0	6:31	1.78	64	75	.00	.00	5	5	1190	.0	2
2225.0	6:33	2.28	64	75	.00	.00	5	5	1193	.0	2
2245.0	6:38	2.13	64	75	.00	.00	5	5	1190	.0	2
2250.0	6:39	2.26	66	74	.00	.00	5	5	1194	.0	3
	627										
2260.0	6:42	2.25	66	74	.00	.00	5	5	1193	.0	6
2265.0	6:43	2.04	66	74	.00	.00	5	5	1190	.0	1
2270.0	6:44	1.93	67	74	.00	.00	5	5	1190	.0	2
2275.0	6:45	2.31	67	75	.00	.00	5	5	1190	.0	3
2280.0	6:51	2.35	66	75	.00	.00	5	5	1212	.0	1
2290.0	6:53	2.18	65	75	.00	.00	5	5	1166	.0	3
2300.0	6:55	2.20	64	76	.00	.00	5	5	1170	.0	3
2310.0	7: 0	2.20	64	76	.00	.00	5	5	1191	.0	4
2315.0	7: 2	2.31	65	75	.00	.00	5	5	1197	.0	4
2320.0	7: 3	2.22	65	74	.00	.00	5	5	1186	.0	3
	657										

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
	657										
2325.0	7: 4	2.10	65	74	.00	.00	5	5	1186	.0	1
2330.0	7: 6	2.63	65	75	.00	.00	5	5	1183	.0	5
2340.0	7:19	2.53	66	75	.00	.00	5	5	1182	.0	5
2345.0	7:20	2.20	64	75	.00	.00	5	5	1188	.0	3
2350.0	7:22	2.14	64	75	.00	.00	5	5	1188	.0	3
2355.0	7:24	2.50	64	75	.00	.00	5	5	1192	.0	4
2360.0	7:26	2.41	64	76	.00	.00	5	5	1193	.0	5
2365.0	7:28	2.41	65	76	.00	.00	5	5	1190	.0	3
2370.0	7:29	2.28	65	76	.00	.00	5	5	1190	.0	3
2375.0	7:37	2.76	66	75	.00	.00	5	5	771	.0	4
	693										
2380.0	7:40	2.75	67	74	.00	.00	5	5	747	.0	4
2385.0	7:43	2.66	67	74	.00	.00	5	5	747	.0	3
2390.0	7:46	2.83	67	75	.00	.00	5	5	745	.0	4
2395.0	7:48	2.75	67	74	.00	.00	5	5	748	.0	5
2400.0	7:56	2.89	67	74	.00	.00	5	5	747	.0	4
2405.0	7:59	2.80	67	75	.00	.00	5	5	760	.0	3
2410.0	8: 3	2.81	67	76	.00	.00	5	5	763	.0	4
2415.0	8: 6	2.66	67	77	.00	.00	5	5	765	.0	4
2420.0	8:10	2.80	68	75	.00	.00	5	5	741	.0	3
2425.0	8:28	2.83	66	72	.00	.00	5	5	655	.0	5
	732										
2430.0	8:33	2.78	63	71	.00	.00	5	5	759	.0	4
2435.0	8:43	2.36	63	72	.00	.00	5	5	754	.0	1
2440.0	8:45	2.20	64	72	.00	.00	5	5	752	.0	3
2450.0	8:50	2.24	64	72	.00	.00	5	5	751	.0	6
2455.0	8:56	2.66	63	72	.00	.00	5	5	1182	.0	4
2460.0	8:58	2.67	62	73	.00	.00	5	5	1196	.0	5
2465.0	9: 4	2.67	62	74	.00	.00	5	5	1199	.0	3
2470.0	9: 6	2.70	63	73	.00	.00	5	5	1210	.0	4
2480.0	9:10	2.85	64	74	.00	.00	5	5	1197	.0	7
2485.0	9:12	2.75	64	74	.00	.00	5	5	1193	.0	4
	773										
2490.0	9:14	3.01	64	74	.00	.00	5	5	1195	.0	3
2500.0	9:25	2.87	63	73	.00	.00	5	5	1189	.0	6
2505.0	9:27	2.73	64	72	.00	.00	5	5	1196	.0	4
2510.0	9:29	2.85	64	73	.00	.00	5	5	1194	.0	4
2520.0	9:36	2.92	65	73	.00	.00	5	5	1194	.0	9
2525.0	9:39	2.94	65	72	.00	.00	5	5	1193	.0	5
2530.0	9:45	2.85	66	71	.00	.00	5	5	1187	.0	4
2535.0	9:47	2.72	64	72	.00	.00	5	5	1164	.0	3
2540.0	9:49	2.77	61	73	.00	.00	5	5	1163	.0	4
2545.0	9:52	2.93	62	73	.00	.00	5	5	1160	.0	5
	820										
2550.0	9:54	2.94	62	73	.00	.00	5	5	1162	.0	5
2555.0	9:57	2.94	63	73	.00	.00	5	5	1161	.0	4
2560.0	10: 2	2.83	63	72	.00	.00	5	5	1194	.0	3
2565.0	10: 4	2.91	63	72	.00	.00	5	5	1197	.0	4
2570.0	10: 6	2.79	64	73	.00	.00	5	5	1185	.0	3
2580.0	10:10	2.83	64	74	.00	.00	5	5	1182	.0	8
2585.0	10:13	3.01	65	74	.00	.00	5	5	1187	.0	5
2590.0	10:19	2.83	65	73	.00	.00	5	5	1190	.0	4
2595.0	10:22	3.05	65	73	.00	.00	5	5	1192	.0	5
2600.0	10:24	2.88	65	73	.00	.00	5	5	1195	.0	3
	864										

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
864											
2605.0	10:26	2.93	64	74	.00	.00	5	5	1191	.0	5
2610.0	10:29	3.16	64	74	.00	.00	5	5	1191	.0	5
2615.0	10:31	2.99	64	74	.00	.00	5	5	1191	.0	5
2620.0	10:34	2.98	64	74	.00	.00	5	5	1191	.0	5
2625.0	10:40	2.85	63	72	.00	.00	5	5	1191	.0	2
2630.0	10:42	2.97	62	72	.00	.00	5	5	1195	.0	5
2635.0	10:43	2.94	62	73	.00	.00	5	5	1197	.0	4
2640.0	10:45	2.92	62	73	.00	.00	5	5	1201	.0	2
2645.0	10:46	2.94	62	73	.00	.00	5	5	1209	.0	5
2655.0	10:52	2.79	62	72	.00	.00	5	5	1196	.0	4
906											
2660.0	10:54	3.01	62	72	.00	.00	5	5	1188	.0	3
2665.0	10:57	3.22	62	73	.00	.00	5	5	1188	.0	4
2670.0	11: 0	3.07	63	73	.00	.00	5	5	1191	.0	5
2680.0	11: 4	3.15	64	73	.00	.00	5	5	1191	.0	9
2685.0	11:10	3.18	64	72	.00	.00	5	5	1198	.0	4
2690.0	11:12	3.11	65	72	.00	.00	5	5	1182	.0	4
2695.0	11:15	3.25	65	72	.00	.00	5	5	1183	.0	4
2700.0	11:20	3.45	65	73	.00	.00	5	5	1182	.0	3
2705.0	11:23	3.39	65	73	.00	.00	5	5	1181	.0	4
2710.0	11:27	3.40	65	73	.00	.00	5	5	1181	.0	5
951											
2720.0	11:46	3.32	64	72	.00	.00	5	5	1212	.0	7
2725.0	11:48	3.17	64	72	.00	.00	5	5	1224	.0	4
2730.0	11:51	3.15	64	73	.00	.00	5	5	1227	.0	3
2735.0	11:52	3.05	64	73	.00	.00	5	5	1228	.0	4
2740.0	11:54	3.05	64	73	.00	.00	5	5	1215	.0	5
2750.0	12: 3	2.91	64	72	.00	.00	5	5	1204	.0	5
2755.0	12: 4	2.73	64	72	.00	.00	5	5	1199	.0	3
2760.0	12: 6	2.81	64	72	.00	.00	5	5	1197	.0	5
2765.0	12: 8	2.76	64	73	.00	.00	5	5	1202	.0	4
2770.0	12: 9	2.69	64	73	.00	.00	5	5	1199	.0	5
996											
2775.0	12:11	2.85	64	73	.00	.00	5	5	1200	.0	4
2780.0	12:19	2.73	64	74	.00	.00	5	5	1200	.0	5
2785.0	12:20	2.78	63	72	.00	.00	5	5	1195	.0	4
2790.0	12:22	2.73	63	72	.00	.00	5	5	1191	.0	5
2795.0	12:24	2.81	64	73	.00	.00	5	5	1191	.0	4
2800.0	12:26	2.75	64	73	.00	.00	5	5	1191	.0	2
2805.0	12:27	2.73	64	73	.00	.00	5	5	1190	.0	4
2810.0	12:34	2.70	64	72	.00	.00	5	5	1191	.0	3
2815.0	12:36	2.85	63	71	.00	.00	5	5	1190	.0	3
2820.0	12:38	3.04	63	72	.00	.00	5	5	1200	.0	3
1033											
2825.0	12:40	2.93	63	73	.00	.00	5	5	1207	.0	4
2830.0	12:42	2.95	64	73	.00	.00	5	5	1210	.0	3
2835.0	12:44	2.99	65	73	.00	.00	5	5	1208	.0	4
2840.0	12:46	3.00	66	73	.00	.00	5	5	1211	.0	3
2845.0	12:53	2.84	67	73	.00	.00	5	5	1207	.0	5
2850.0	12:55	2.90	68	73	.00	.00	5	5	1197	.0	4
2855.0	12:58	2.92	68	73	.00	.00	5	5	1200	.0	5
2860.0	13: 0	2.87	68	74	.00	.00	5	5	1200	.0	3
2865.0	13: 2	2.79	68	74	.00	.00	5	5	1200	.0	3
2870.0	13: 4	2.87	68	74	.00	.00	5	5	1197	.0	4
1071											

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV RECDS	
	1071										
2875.0	13: 6	2.70	68	75	.00	.00	5	5	1196	.0	4
2880.0	13:16	2.96	68	74	.00	.00	5	5	1207	.0	5
2890.0	13:20	2.92	68	75	.00	.00	5	5	1212	.0	4
2895.0	13:22	2.89	69	76	.00	.00	5	5	1216	.0	4
2900.0	13:24	2.83	69	77	.00	.00	5	5	1219	.0	4
2920.0	8:39	2.76	72	85	.00	.00	10	5	1066	.0	5
2930.0	8:41	2.96	74	84	.00	.00	10	5	1154	.0	3
2940.0	36:24	3.02	74	84	.00	.00	10	5	1142	.0	4
2945.0	36:24	3.18	75	84	.00	.00	10	5	1142	.0	2
2950.0	36:24	3.24	75	85	.00	.00	10	5	1144	.0	5
	1115										
2955.0	36:24	3.22	75	85	.00	.00	10	5	1144	.0	5
2960.0	36:24	3.26	76	85	.00	.00	10	5	1149	.0	5
2965.0	36:24	3.17	76	85	.00	.00	10	5	1153	.0	5
2970.0	36:24	3.19	76	86	.00	.00	10	5	1162	.0	3
2975.0	36:24	3.13	76	86	.00	.00	10	5	1160	.0	5
2980.0	36:24	3.13	76	86	.00	.00	10	5	1167	.0	5
2985.0	36:24	3.11	76	86	.00	.00	10	5	1166	.0	4
2990.0	0: 0	3.20	77	86	.00	.00	10	5	1101	.0	4
2995.0	10: 3	3.25	77	87	.00	.00	10	5	959	.0	5
3000.0	10: 9	3.25	77	87	.00	.00	10	5	1174	.0	3
	1159										
3005.0	10:11	3.26	77	87	.00	.00	10	5	1162	.0	5
3010.0	10:13	3.21	77	87	.00	.00	10	5	1156	.0	4
3015.0	10:16	3.24	77	86	.00	.00	10	5	1156	.0	5
3020.0	10:18	3.20	77	85	.00	.00	10	5	1157	.0	4
3025.0	10:20	3.15	77	85	.00	.00	10	5	1155	.0	5
3030.0	10:25	3.19	78	84	.00	.00	10	5	1170	.0	3
3035.0	10:27	3.18	78	84	.00	.00	10	5	1178	.0	4
3040.0	10:29	3.19	78	84	.00	.00	10	5	1175	.0	4
3045.0	10:32	3.25	78	85	.00	.00	10	5	1175	.0	5
3050.0	10:41	3.48	78	86	.00	.00	10	5	1168	.0	5
	1203										
3055.0	10:44	3.24	78	87	.00	.00	10	5	1164	.0	5
3060.0	10:49	3.02	78	87	.00	.00	10	5	1167	.0	2
3065.0	10:51	3.23	78	86	.00	.00	10	5	1165	.0	4
3070.0	10:53	3.18	78	86	.00	.00	10	5	1165	.0	5
3075.0	10:55	3.17	78	87	.00	.00	10	5	1165	.0	5
3080.0	10:57	3.14	78	87	.00	.00	10	5	1165	.0	4
3085.0	10:59	3.18	78	87	.00	.00	10	5	1165	.0	4
3090.0	11: 6	3.15	79	87	.00	.00	10	5	1170	.0	5
3095.0	11: 8	3.23	79	87	.00	.00	10	5	1163	.0	5
3100.0	11:10	3.26	79	86	.00	.00	10	5	1169	.0	4
	1246										
3105.0	11:12	3.23	79	87	.00	.00	10	5	1164	.0	4
3110.0	11:14	3.14	79	87	.00	.00	10	5	1161	.0	5
3115.0	11:16	3.22	79	87	.00	.00	10	5	1161	.0	5
3120.0	11:22	3.15	79	88	.00	.00	10	5	1159	.0	5
3130.0	11:24	3.16	80	89	.00	.00	10	5	1159	.0	5
3135.0	11:26	3.13	80	89	.00	.00	10	5	1161	.0	3
3140.0	11:28	3.18	80	90	.00	.00	10	5	1161	.0	2
3145.0	11:29	3.17	80	90	.00	.00	10	5	1161	.0	4
3150.0	11:31	3.22	81	90	.00	.00	10	5	1159	.0	3
3160.0	11:38	3.11	81	90	.00	.00	10	5	1161	.0	7
	1289										

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
1289											
3165.0	11:39	3.17	81	89	.00	.00	10	5	1163	.0	3
3170.0	11:41	3.19	81	90	.00	.00	10	5	1162	.0	5
3175.0	11:43	3.14	81	90	.00	.00	10	5	1158	.0	5
3180.0	11:45	3.18	81	90	.00	.00	10	5	1160	.0	5
3185.0	11:54	3.21	81	90	.00	.00	10	5	1158	.0	4
3190.0	11:55	3.24	82	89	.00	.00	10	5	1172	.0	3
3195.0	11:57	3.20	82	90	.00	.00	10	5	1170	.0	3
3200.0	11:59	3.24	82	91	.00	.00	10	5	1166	.0	5
3205.0	12: 1	3.16	82	91	.00	.00	10	5	1161	.0	5
3210.0	12: 3	3.26	82	91	.00	.00	10	5	1166	.0	4
1331											
3215.0	12: 4	3.20	82	91	.00	.00	10	5	1164	.0	5
3220.0	12:14	3.19	82	91	.00	.00	4	3	1159	.0	5
3225.0	12:16	3.26	83	90	.00	.00	4	3	1160	.0	5
3230.0	12:18	3.21	83	91	.00	.00	4	3	1167	.0	5
3240.0	12:21	3.24	83	92	.00	.00	4	3	1167	.0	8
3245.0	12:23	3.27	83	92	.00	.00	4	3	1164	.0	4
3250.0	12:29	3.21	83	92	.00	.00	4	3	1163	.0	3
3255.0	12:31	3.22	83	91	.00	.00	4	3	1164	.0	1
3260.0	12:32	3.22	83	90	.00	.00	4	3	1170	.0	1
3265.0	12:33	3.18	83	91	.00	.00	4	3	1170	.0	1
1369											
3270.0	12:34	3.18	83	92	.00	.00	4	3	1164	.0	1
3275.0	12:35	3.22	83	92	.00	.00	4	3	1163	.0	3
3280.0	12:43	3.18	83	92	.00	.00	4	3	1163	.0	5
3285.0	12:44	3.23	82	90	.00	.00	4	3	1170	.0	1
3290.0	12:45	3.21	82	91	.00	.00	4	3	1174	.0	1
3295.0	12:46	3.21	82	92	.00	.00	4	3	1174	.0	1
3300.0	12:48	3.22	83	92	.00	.00	4	3	1174	.0	1
3305.0	12:49	3.27	83	93	.00	.00	4	3	1174	.0	3
3310.0	12:57	3.30	83	92	.00	.00	4	3	1174	.0	3
3315.0	12:58	3.21	83	91	.00	.00	4	3	1174	.0	1
1389											
3320.0	13: 0	3.30	83	91	.00	.00	4	3	1174	.0	3
3325.0	13: 1	3.27	83	92	.00	.00	4	3	1176	.0	4
3330.0	13: 3	3.26	83	92	.00	.00	4	3	1180	.0	3
3335.0	13: 4	3.21	83	92	.00	.00	4	3	1177	.0	4
3340.0	13: 6	3.29	83	92	.00	.00	4	3	1178	.0	3
3345.0	13:13	3.19	84	91	.00	.00	4	3	1163	.0	4
3350.0	13:15	3.27	84	91	.00	.00	4	3	1156	.0	5
3360.0	13:18	3.28	84	92	.00	.00	4	3	1154	.0	6
3365.0	13:19	3.33	84	92	.00	.00	4	3	1154	.0	4
3375.0	13:27	3.35	84	92	.00	.00	4	3	1160	.0	4
1429											
3380.0	13:28	3.32	84	91	.00	.00	4	3	1171	.0	4
3385.0	13:32	3.57	83	91	.00	.00	4	3	1174	.0	5
3390.0	13:35	3.47	83	91	.00	.00	4	3	1170	.0	5
3395.0	13:37	3.27	83	91	.00	.00	4	3	1173	.0	3
3400.0	13:38	3.23	83	91	.00	.00	4	3	1173	.0	2
3405.0	13:44	3.17	83	91	.00	.00	4	3	1173	.0	1
3410.0	13:45	3.21	83	91	.00	.00	4	3	1173	.0	3
3415.0	13:46	3.27	83	91	.00	.00	4	3	1173	.0	2
3420.0	13:48	3.31	83	91	.00	.00	4	3	1159	.0	2
3425.0	13:49	3.30	83	91	.00	.00	4	3	1148	.0	2
1458											

DEPTH	TIME	RS	MTI	MTD	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
1458											
3430.0	13:51	3.37	83	91	.00	.00	4	3	1148	.0	3
3435.0	13:57	3.29	83	90	.00	.00	4	3	1152	.0	3
3440.0	13:58	3.26	82	90	.00	.00	4	3	1170	.0	2
3445.0	14: 0	3.27	82	89	.00	.00	4	3	1170	.0	3
3450.0	14: 1	3.25	82	89	.00	.00	4	3	1173	.0	3
3455.0	14: 2	3.31	82	88	.00	.00	4	3	1172	.0	3
3460.0	14: 4	3.26	83	88	.00	.00	4	3	1173	.0	4
3465.0	14: 6	3.37	83	88	.00	.00	4	3	1173	.0	3
3470.0	14:11	3.35	83	89	.00	.00	4	3	1166	.0	3
3475.0	14:12	3.32	84	90	.00	.00	4	3	1166	.0	5
1490											
3480.0	14:14	3.25	84	90	.00	.00	4	3	1151	.0	3
3490.0	14:17	3.24	84	91	.00	.00	4	3	1149	.0	4
3495.0	14:18	3.29	84	91	.00	.00	4	3	1148	.0	3
3500.0	14:24	3.11	84	92	.00	.00	4	3	1147	.0	3
3505.0	14:25	3.06	84	92	.00	.00	4	3	1155	.0	3
3510.0	14:27	3.30	84	92	.00	.00	4	3	1155	.0	2
3515.0	14:28	3.29	83	92	.00	.00	4	3	1157	.0	2
3520.0	14:30	3.23	83	92	.00	.00	4	3	1152	.0	3
3530.0	14:37	3.31	83	92	.00	.00	4	3	1153	.0	4
3535.0	14:39	3.29	83	91	.00	.00	4	3	1178	.0	3
1520											
3540.0	14:41	3.40	83	91	.00	.00	4	3	1172	.0	4
3545.0	14:43	3.39	83	91	.00	.00	4	3	1156	.0	3
3550.0	14:45	3.46	83	91	.00	.00	4	3	1155	.0	4
3555.0	14:47	3.35	83	91	.00	.00	4	3	1160	.0	5
3560.0	14:48	3.34	83	91	.00	.00	4	3	1162	.0	5
3565.0	14:54	3.33	83	91	.00	.00	4	3	1155	.0	4
3570.0	14:56	3.34	83	92	.00	.00	4	3	1150	.0	4
3580.0	15: 0	3.37	83	92	.00	.00	4	3	1154	.0	6
3585.0	15: 1	3.41	83	92	.00	.00	4	3	1145	.0	5
3590.0	15: 4	3.52	84	92	.00	.00	4	3	1145	.0	5
1565											
3595.0	15: 9	3.18	84	92	.00	.00	4	3	1142	.0	1
3600.0	15:11	3.36	84	92	.00	.00	4	3	1154	.0	5
3605.0	15:13	3.37	84	92	.00	.00	4	3	1156	.0	5
3610.0	15:15	3.33	84	92	.00	.00	4	3	1155	.0	5
3615.0	15:17	3.39	84	92	.00	.00	4	3	1157	.0	5
3620.0	15:19	3.29	84	92	.00	.00	4	3	1156	.0	3
3625.0	15:25	3.41	84	92	.00	.00	4	3	1156	.0	4
3630.0	15:27	3.34	83	92	.00	.00	4	3	1140	.0	5
3635.0	15:29	3.27	83	92	.00	.00	4	3	1146	.0	4
3640.0	15:31	3.42	83	91	.00	.00	4	3	1143	.0	5
1607											
3645.0	15:33	3.33	83	91	.00	.00	4	3	1143	.0	4
3650.0	15:36	3.46	83	91	.00	.00	4	3	1154	.0	5
3655.0	15:38	3.40	83	91	.00	.00	4	3	1152	.0	4
3660.0	15:44	3.45	83	91	.00	.00	4	3	1163	.0	5
3665.0	15:46	3.44	83	91	.00	.00	4	3	1164	.0	5
3670.0	15:48	3.45	83	91	.00	.00	4	3	1164	.0	5
3675.0	15:50	3.44	83	91	.00	.00	4	3	1161	.0	4
3680.0	15:53	3.45	83	91	.00	.00	4	3	1165	.0	5
3685.0	15:55	3.45	84	91	.00	.00	4	3	1170	.0	5
3690.0	16: 2	3.42	84	92	.00	.00	4	3	1167	.0	3
1652											

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDDV	RECDS
1652											
3695.0	16: 4	3.41	84	92	.00	.00	4	3	1165	.0	5
3700.0	16: 6	3.39	85	92	.00	.00	4	3	1165	.0	4
3705.0	16: 8	3.34	85	92	.00	.00	4	3	1163	.0	3
3710.0	16: 9	3.32	85	92	.00	.00	4	3	1157	.0	3
3715.0	16:11	3.32	85	92	.00	.00	4	3	1157	.0	4
3720.0	16:17	3.27	85	92	.00	.00	4	3	1156	.0	3
3725.0	16:19	3.45	85	93	.00	.00	4	3	1166	.0	3
3730.0	16:20	3.37	85	93	.00	.00	4	3	1166	.0	3
3735.0	16:22	3.30	85	92	.00	.00	4	3	1164	.0	2
3740.0	16:24	3.40	85	92	.00	.00	4	3	1162	.0	4
1686											
3745.0	16:27	3.50	85	92	.00	.00	4	3	1162	.0	5
3750.0	16:33	3.40	85	92	.00	.00	4	3	1156	.0	5
3755.0	16:35	3.42	85	92	.00	.00	4	3	1168	.0	4
3760.0	16:37	3.39	84	92	.00	.00	4	3	1163	.0	4
3765.0	16:40	3.49	84	92	.00	.00	4	3	1164	.0	5
3770.0	16:42	3.58	84	92	.00	.00	4	3	1167	.0	4
3775.0	16:46	3.69	84	92	.00	.00	4	3	1165	.0	5
3780.0	16:49	3.65	84	92	.00	.00	4	3	1165	.0	5
3785.0	16:57	3.64	84	92	.00	.00	4	3	1162	.0	5
3790.0	17: 1	3.72	84	92	.00	.00	4	3	1157	.0	5
1733											
3795.0	17: 4	3.66	84	92	.00	.00	4	3	1152	.0	5
3800.0	17: 7	3.67	84	92	.00	.00	4	3	1154	.0	5
3805.0	17:11	3.66	84	91	.00	.00	4	3	1155	.0	5
3810.0	17:14	3.59	84	91	.00	.00	4	3	1154	.0	5
3815.0	17:24	3.53	83	91	.00	.00	4	3	1156	.0	4
3820.0	17:27	3.54	83	92	.00	.00	4	3	1154	.0	5
3830.0	17:29	3.48	84	92	.00	.00	4	3	1154	.0	5
3835.0	17:32	3.62	84	91	.00	.00	4	3	1152	.0	5
3840.0	17:35	3.52	84	91	.00	.00	4	3	1156	.0	5
3850.0	17:44	3.69	84	91	.00	.00	4	3	1167	.0	6
1783											
3855.0	17:48	3.70	84	91	.00	.00	4	3	1171	.0	5
3860.0	17:52	3.74	84	92	.00	.00	4	3	1170	.0	5
3865.0	17:56	3.70	84	92	.00	.00	4	3	1165	.0	5
3870.0	17:59	3.66	84	92	.00	.00	4	3	1164	.0	5
3880.0	18:13	3.66	84	91	.00	.00	4	3	1160	.0	9
3885.0	18:17	3.77	84	91	.00	.00	4	3	1148	.0	5
3890.0	18:22	3.76	84	91	.00	.00	4	3	1146	.0	5
3895.0	18:27	3.79	84	91	.00	.00	4	3	1088	.0	5
3900.0	18:32	3.86	83	91	.00	.00	4	3	645	.0	5
3905.0	18:42	3.63	83	91	.00	.00	4	3	643	.0	5
1837											
3910.0	18:44	3.66	83	91	.00	.00	4	3	707	.0	4
3915.0	18:48	3.70	83	91	.00	.00	4	3	710	.0	5
3920.0	18:53	3.74	83	91	.00	.00	4	3	714	.0	5
3925.0	18:57	3.77	83	91	.00	.00	4	3	717	.0	5
3930.0	19: 3	3.95	83	91	.00	.00	4	3	712	.0	5
3935.0	19: 8	3.90	83	91	.00	.00	4	3	719	.0	5
3940.0	19:18	3.87	83	92	.00	.00	4	3	714	.0	5
3945.0	19:23	3.92	83	92	.00	.00	4	3	716	.0	5
3950.0	19:28	3.87	82	92	.00	.00	4	3	721	.0	5
3955.0	19:34	3.94	81	91	.00	.00	4	3	720	.0	5
1886											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
1886											
3960.0	19:39	3.89	80	91	.00	.00	4	3	723	.0	5
3965.0	19:44	3.89	79	91	.00	.00	4	3	726	.0	4
3970.0	19:56	3.90	79	91	.00	.00	4	3	728	.0	5
3975.0	20: 0	3.87	79	91	.00	.00	4	3	707	.0	5
3980.0	20: 6	3.90	79	91	.00	.00	4	3	847	.0	5
3985.0	20:11	3.86	79	92	.00	.00	4	3	1159	.0	5
3990.0	20:17	3.87	78	92	.00	.00	4	3	1159	.0	5
3995.0	20:23	3.89	78	91	.00	.00	4	3	1158	.0	5
4000.0	20:33	3.70	78	92	.00	.00	4	3	1170	.0	3
4005.0	20:37	3.77	78	92	.00	.00	4	3	1175	.0	3
1931											
4010.0	20:42	3.81	78	92	.00	.00	4	3	1175	.0	5
4015.0	20:46	3.77	79	92	.00	.00	4	3	1175	.0	5
4020.0	20:50	3.78	78	92	.00	.00	4	3	1177	.0	5
4025.0	20:55	3.81	78	91	.00	.00	4	3	1172	.0	5
4030.0	21: 0	3.81	78	90	.00	.00	4	3	1175	.0	5
4035.0	21: 7	3.70	79	91	.00	.00	4	3	1178	.0	2
4040.0	21:12	3.90	79	92	.00	.00	4	3	1177	.0	5
4045.0	21:16	3.73	79	92	.00	.00	4	3	1166	.0	5
4050.0	21:21	3.89	79	92	.00	.00	4	3	1169	.0	5
4055.0	21:26	3.86	79	92	.00	.00	4	3	1167	.0	5
1978											
4060.0	21:32	3.91	79	92	.00	.00	4	3	1102	.0	5
4070.0	21:43	3.81	80	92	.00	.00	4	3	1081	.0	6
4075.0	21:48	3.84	80	92	.00	.00	4	3	1077	.0	5
4080.0	21:53	3.90	80	92	.00	.00	4	3	1077	.0	5
4085.0	21:59	3.94	80	92	.00	.00	4	3	1078	.0	5
4090.0	22: 5	3.89	80	92	.00	.00	4	3	1082	.0	5
4095.0	22:10	3.89	80	92	.00	.00	4	3	1080	.0	5
4100.0	22:24	3.86	80	92	.00	.00	4	3	1071	.0	5
4105.0	22:29	3.83	80	92	.00	.00	4	3	1065	.0	5
4110.0	22:34	3.76	80	92	.00	.00	4	3	1067	.0	5
2029											
4115.0	22:39	3.79	80	92	.00	.00	4	3	1072	.0	5
4120.0	22:43	3.74	80	92	.00	.00	4	3	1072	.0	5
4130.0	22:57	3.77	80	92	.00	.00	4	3	1083	.0	8
4135.0	23: 2	3.67	80	91	.00	.00	4	3	1098	.0	5
4140.0	23: 8	3.80	80	91	.00	.00	4	3	1102	.0	5
4145.0	23:12	3.72	80	92	.00	.00	4	3	1098	.0	5
4150.0	23:17	3.72	80	92	.00	.00	4	3	1100	.0	5
4155.0	23:23	3.77	80	92	.00	.00	4	3	1102	.0	5
4160.0	23:31	3.72	80	91	.00	.00	4	3	1087	.0	4
4165.0	23:41	3.68	80	91	.00	.00	4	3	1067	.0	5
2081											
4170.0	23:47	3.76	79	91	.00	.00	4	3	1080	.0	5
4175.0	23:54	3.94	79	91	.00	.00	4	3	1082	.0	5
4180.0	0: 0	3.92	80	90	.00	.00	4	3	1084	.0	5
4185.0	0: 6	3.90	80	90	.00	.00	4	3	1085	.0	5
4190.0	0: 9	4.03	80	90	.00	.00	4	3	1081	.0	2
4195.0	6: 3	3.59	80	91	.00	.00	4	3	1060	.0	4
4200.0	6:12	3.63	80	91	.00	.00	4	3	1058	.0	5
4205.0	6:21	3.64	82	90	.00	.00	4	3	1056	.0	5
4210.0	6:28	3.57	83	92	.00	.00	4	3	1055	.0	5
4215.0	6:35	3.57	84	92	.00	.00	4	3	1055	.0	5
2131											

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
	2131										
4220.0	6:43	3.57	85	94	.00	.00	4	3	1051	.0	5
4225.0	7: 2	3.63	85	95	.00	.00	4	3	1059	.0	5
4230.0	7: 7	3.63	86	95	.00	.00	4	3	1070	.0	5
4235.0	7:13	3.66	86	95	.00	.00	4	3	1066	.0	5
4240.0	7:18	3.68	86	95	.00	.00	4	3	1071	.0	5
4245.0	7:27	3.96	86	96	.00	.00	4	3	1057	.0	5
4250.0	7:41	3.92	86	96	.00	.00	4	3	1057	.0	5
4255.0	7:46	3.86	85	95	.00	.00	4	3	1053	.0	5
4260.0	7:49	3.81	85	95	.00	.00	4	3	1062	.0	5
4265.0	7:53	3.88	85	95	.00	.00	4	3	1062	.0	5
	2181										
4270.0	7:58	3.89	86	94	.00	.00	4	3	1062	.0	5
4275.0	8: 2	3.90	86	95	.00	.00	4	3	1062	.0	5
4280.0	8:14	3.97	86	95	.00	.00	4	3	1060	.0	5
4285.0	8:19	3.92	86	94	.00	.00	4	3	1054	.0	5
4290.0	8:24	3.96	86	95	.00	.00	4	3	1061	.0	5
4295.0	8:28	3.92	86	95	.00	.00	4	3	1065	.0	5
4300.0	8:34	3.99	86	95	.00	.00	4	3	1068	.0	5
4305.0	8:39	3.97	86	95	.00	.00	4	3	1068	.0	5
4310.0	8:49	3.81	86	95	.00	.00	4	3	1068	.0	3
4320.0	8:56	3.87	86	94	.00	.00	4	3	1057	.0	6
	2230										
4325.0	9: 2	3.96	86	95	.00	.00	4	3	1064	.0	5
4330.0	9: 6	3.87	86	95	.00	.00	4	3	1066	.0	5
4335.0	9:12	3.94	86	94	.00	.00	4	3	1066	.0	5
4340.0	9:17	3.92	86	94	.00	.00	4	3	1066	.0	5
4345.0	9:31	3.91	86	94	.00	.00	4	3	936	.0	5
4350.0	9:42	3.95	86	93	.00	.00	4	3	713	.0	5
4355.0	9:48	3.75	86	94	.00	.00	4	3	706	.0	5
4360.0	9:53	3.66	86	94	.00	.00	5	3	709	.0	5
4365.0	9:59	3.66	86	94	.00	.00	5	3	713	.0	5
4370.0	10: 5	3.83	86	94	.00	.00	5	3	718	.0	5
	2280										
4375.0	10:27	3.80	86	94	.00	.00	5	3	740	.0	5
4380.0	10:31	3.80	85	92	.00	.00	5	3	1079	.0	5
4385.0	10:36	3.84	86	93	.00	.00	5	3	1081	.0	5
4390.0	10:40	3.84	86	93	.00	.00	5	3	1079	.0	4
4395.0	10:44	3.89	86	93	.00	.00	5	3	1077	.0	5
4400.0	10:49	3.93	86	94	.00	.00	5	3	1074	.0	5
4405.0	10:54	3.94	86	94	.00	.00	5	3	1077	.0	5
4410.0	11: 2	3.94	86	94	.00	.00	5	3	1098	.0	4
4415.0	11: 8	3.92	86	94	.00	.00	5	3	1080	.0	5
4420.0	11:13	3.99	86	95	.00	.00	5	3	1077	.0	5
	2328										
4425.0	11:19	3.99	87	95	.00	.00	5	3	1077	.0	5
4430.0	11:23	3.91	87	95	.00	.00	7	3	1094	.0	5
4435.0	11:29	3.96	87	95	.00	.00	7	3	1094	.0	5
4440.0	11:37	3.90	87	96	.00	.00	7	3	1104	.0	4
4445.0	11:42	3.96	88	96	.00	.00	7	3	1106	.0	5
4450.0	11:47	3.98	88	96	.00	.00	7	3	1106	.0	5
4455.0	11:52	3.89	88	95	.00	.00	7	3	1106	.0	5
4460.0	11:55	3.80	88	94	.00	.00	7	3	1106	.0	5
4465.0	12: 0	3.96	88	95	.00	.00	7	3	1106	.0	5
4470.0	12: 6	4.02	89	96	.00	.00	7	3	1106	.0	5
	2377										

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
2377											
4475.0	12:23	3.88	89	95	.00	.00	7	3	1097	.0	4
4480.0	12:28	4.00	89	97	.00	.00	7	3	1084	.0	5
4485.0	12:34	4.01	89	97	.00	.00	7	3	1076	.0	5
4490.0	12:39	3.95	90	97	.00	.00	7	3	1082	.0	5
4495.0	12:44	3.98	90	97	.00	.00	7	3	1082	.0	5
4500.0	12:52	4.04	90	97	.00	.00	7	3	1090	.0	4
4505.0	12:57	3.94	90	97	.00	.00	7	3	1106	.0	5
4510.0	13: 2	3.96	90	97	.00	.00	7	3	1103	.0	5
4515.0	13: 7	4.01	87	97	.00	.00	7	3	1108	.0	5
4520.0	13:12	3.92	86	97	.00	.00	7	3	1108	.0	5
2425											
4525.0	13:16	3.94	86	97	.00	.00	7	3	1108	.0	5
4530.0	13:23	4.08	86	96	.00	.00	7	3	1108	.0	5
4535.0	13:33	3.92	86	97	.00	.00	7	3	1122	.0	5
4540.0	13:38	3.96	86	97	.00	.00	7	3	1119	.0	4
4545.0	13:44	3.93	87	97	.00	.00	7	3	1093	.0	5
4550.0	13:49	3.96	87	97	.00	.00	7	3	1093	.0	5
4555.0	13:54	3.97	87	97	.00	.00	7	3	1093	.0	5
4560.0	14: 4	3.96	88	97	.00	.00	7	3	1093	.0	5
4565.0	14: 8	3.95	88	96	.00	.00	7	3	1088	.0	5
4570.0	14: 9	3.30	88	96	.00	.00	7	3	1089	.0	1
2470											
4575.0	14:14	3.98	88	95	.00	.00	7	3	1089	.0	5
4580.0	14:19	3.97	88	95	.00	.00	7	3	1089	.0	5
4585.0	14:24	3.98	88	96	.00	.00	7	3	1089	.0	5
4590.0	14:29	3.99	87	95	.00	.00	7	3	1092	.0	5
4595.0	14:34	3.97	88	96	.00	.00	7	3	1095	.0	5
4600.0	14:43	3.99	88	97	.00	.00	7	3	1097	.0	5
4605.0	14:48	3.99	88	97	.00	.00	7	3	1100	.0	5
4610.0	14:52	3.95	88	98	.00	.00	7	3	1094	.0	5
4615.0	14:57	3.97	89	98	.00	.00	7	3	1090	.0	5
4620.0	15: 1	3.99	89	98	.00	.00	7	3	1088	.0	5
2520											
4625.0	15: 6	3.98	89	98	.00	.00	7	3	1089	.0	5
4630.0	15:15	3.98	89	98	.00	.00	7	3	1090	.0	5
4635.0	15:20	3.97	89	98	.00	.00	7	3	1083	.0	5
4640.0	15:24	3.95	89	97	.00	.00	7	3	1083	.0	5
4645.0	15:29	3.98	89	98	.00	.00	7	3	1083	.0	5
4650.0	15:33	3.97	89	97	.00	.00	7	3	1083	.0	5
4655.0	15:38	3.98	89	98	.00	.00	7	3	1083	.0	5
4660.0	15:48	3.97	90	99	.00	.00	7	3	1094	.0	5
4665.0	15:53	4.01	90	99	.00	.00	7	3	1090	.0	5
4670.0	15:58	4.09	90	100	.00	.00	7	3	1086	.0	5
2570											
4675.0	16: 4	4.10	91	99	.00	.00	7	3	1087	.0	5
4680.0	16:10	4.10	92	100	.00	.00	7	3	1090	.0	5
4685.0	16:15	4.02	92	100	.00	.00	7	3	1093	.0	5
4690.0	16:28	4.05	92	100	.00	.00	7	3	1087	.0	5
4695.0	16:33	3.89	92	100	.00	.00	7	3	1076	.0	5
4700.0	16:37	3.80	91	99	.00	.00	7	3	1080	.0	5
4705.0	16:42	4.00	92	96	.00	.00	7	4	1061	.0	5
4710.0	16:47	4.00	92	97	.00	.00	8	5	1029	.0	5
4715.0	16:52	3.99	92	98	.00	.00	8	5	1029	.0	5
4720.0	16:57	3.99	92	97	.00	.00	8	5	1030	.0	5
2620											

DEPTH	TIME	RS	MTI	MTD	MRI	MRO	YPM	PVM	MVI	MDDV	RECDS
2620											
4725.0	17: 6	3.94	92	97	.00	.00	8	5	1036	.0	4
4730.0	17:11	3.96	93	97	.00	.00	8	5	1037	.0	5
4735.0	17:16	3.99	93	97	.00	.00	8	5	1037	.0	5
4740.0	17:21	3.98	93	97	.00	.00	8	5	1039	.0	5
4745.0	17:26	3.94	93	98	.00	.00	8	5	1040	.0	5
4750.0	17:31	4.03	93	98	.00	.00	8	5	1040	.0	5
4755.0	17:42	4.06	93	99	.00	.00	8	5	1040	.0	4
4760.0	17:48	4.08	94	99	.00	.00	8	5	1041	.0	5
4765.0	17:53	4.01	95	100	.00	.00	8	5	1040	.0	5
4770.0	17:58	3.99	95	101	.00	.00	8	5	1039	.0	5
2668											
4775.0	18: 4	4.04	96	102	.00	.00	8	5	1037	.0	5
4780.0	18: 9	4.02	96	103	.00	.00	8	5	1037	.0	5
4785.0	18:17	3.96	96	103	.00	.00	8	5	987	.0	3
4790.0	18:24	3.95	96	103	.00	.00	8	5	1065	.0	5
4795.0	18:29	3.90	96	103	.00	.00	8	5	1061	.0	5
4800.0	18:34	3.92	96	103	.00	.00	8	5	1059	.0	5
4805.0	18:39	3.85	97	102	.00	.00	8	5	1061	.0	5
4810.0	18:44	4.02	97	102	.00	.00	8	5	1061	.0	5
4815.0	18:55	4.00	97	102	.00	.00	8	5	1019	.0	5
4820.0	19: 1	4.07	98	104	.00	.00	8	5	1003	.0	5
2716											
4825.0	19: 6	4.08	98	104	.00	.00	8	5	1001	.0	4
4830.0	19:12	4.09	98	104	.00	.00	8	5	1000	.0	5
4835.0	19:18	4.12	98	105	.00	.00	8	5	1002	.0	5
4840.0	19:24	4.09	99	105	.00	.00	8	5	1002	.0	5
4845.0	19:34	4.09	99	105	.00	.00	8	5	1005	.0	5
4850.0	19:40	4.02	99	105	.00	.00	8	5	1019	.0	5
4855.0	19:45	3.99	99	105	.00	.00	8	5	1015	.0	5
4860.0	19:51	4.06	99	105	.00	.00	8	5	1015	.0	5
4865.0	19:56	4.04	99	106	.00	.00	8	5	1015	.0	5
4870.0	20: 1	4.04	99	106	.00	.00	8	5	1015	.0	5
2765											
4875.0	20: 7	4.08	100	107	.00	.00	8	5	1016	.0	5
4880.0	20:21	4.04	100	106	.00	.00	8	5	1014	.0	5
4885.0	20:26	3.95	100	104	.00	.00	8	5	1014	.0	5
4890.0	20:29	3.92	100	105	.00	.00	8	5	1013	.0	5
4895.0	20:35	4.13	100	106	.00	.00	8	5	1010	.0	5
4900.0	20:42	4.18	100	107	.00	.00	8	5	1008	.0	5
4910.0	20:58	4.10	101	106	.00	.00	8	5	1002	.0	6
4915.0	21: 4	4.10	101	107	.00	.00	8	5	1001	.0	5
4920.0	21: 9	4.09	101	107	.00	.00	8	5	998	.0	5
4925.0	21:14	3.97	101	107	.00	.00	8	5	997	.0	5
2816											
4930.0	21:19	4.01	101	107	.00	.00	8	5	999	.0	5
4935.0	21:23	4.01	101	107	.00	.00	8	5	998	.0	3
4940.0	21:34	4.12	101	107	.00	.00	8	5	1003	.0	5
4945.0	21:40	4.06	101	108	.00	.00	8	5	1028	.0	5
4950.0	21:46	4.11	101	108	.00	.00	8	5	1028	.0	5
4955.0	21:51	4.06	101	107	.00	.00	8	5	1032	.0	5
4960.0	21:56	4.04	101	106	.00	.00	8	5	1034	.0	5
4965.0	22: 0	3.95	101	107	.00	.00	8	5	1029	.0	5
4970.0	22:10	4.15	101	106	.00	.00	8	5	1025	.0	5
4975.0	22:15	4.08	100	106	.00	.00	8	5	1007	.0	5
2864											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
2864											
4980.0	22:20	4.06	100	107	.00	.00	8	5	1008	.0	5
4985.0	22:25	3.97	100	107	.00	.00	8	5	1009	.0	5
4990.0	22:30	4.13	100	107	.00	.00	8	5	1011	.0	5
4995.0	22:35	4.07	100	106	.00	.00	8	5	1009	.0	5
5000.0	22:44	4.10	99	107	.00	.00	8	5	1013	.0	5
5005.0	22:45	3.49	98	106	.00	.00	8	5	1024	.0	1
5010.0	22:50	4.09	98	106	.00	.00	8	5	1028	.0	5
5015.0	22:56	4.14	98	106	.00	.00	8	5	1029	.0	5
5020.0	23: 0	4.01	98	105	.00	.00	8	5	1023	.0	5
5025.0	23: 5	4.03	97	103	.00	.00	8	5	1025	.0	5
2910											
5030.0	23:10	4.06	97	104	.00	.00	8	5	1023	.0	5
5035.0	23:19	4.10	97	105	.00	.00	8	5	1022	.0	5
5040.0	23:24	4.00	97	105	.00	.00	8	5	1016	.0	5
5045.0	23:29	3.94	96	105	.00	.00	8	5	1016	.0	5
5050.0	23:33	3.95	96	105	.00	.00	8	5	1018	.0	5
5055.0	23:39	4.11	96	105	.00	.00	8	5	1020	.0	5
5060.0	23:46	4.09	96	104	.00	.00	8	5	1020	.0	5
5065.0	23:58	4.14	96	103	.00	.00	8	5	1023	.0	5
5070.0	0: 4	4.11	96	105	.00	.00	8	5	1073	.0	5
5075.0	0:10	3.98	96	105	.00	.00	8	5	1067	.0	5
2960											
5080.0	0:14	3.92	96	105	.00	.00	8	5	1057	.0	5
5085.0	0:19	3.96	96	104	.00	.00	8	5	1050	.0	4
5090.0	0:24	4.01	96	105	.00	.00	8	5	1046	.0	5
5095.0	0:32	4.01	96	104	.00	.00	8	5	1056	.0	4
5100.0	0:36	3.95	96	104	.00	.00	8	5	1049	.0	5
5105.0	0:40	3.94	95	104	.00	.00	8	5	1054	.0	5
5110.0	0:43	3.75	95	104	.00	.00	8	5	1054	.0	5
5115.0	0:48	3.97	95	104	.00	.00	8	5	1055	.0	5
5120.0	0:54	4.04	95	104	.00	.00	8	5	1059	.0	5
5125.0	1: 0	4.04	95	104	.00	.00	8	5	1059	.0	5
3008											
5130.0	1: 5	3.93	95	101	.00	.00	8	5	1072	.0	2
5135.0	1: 9	3.97	95	102	.00	.00	8	5	1058	.0	5
5140.0	1:14	4.01	95	102	.00	.00	8	5	1051	.0	5
5145.0	1:18	3.94	95	104	.00	.00	8	5	1055	.0	5
5150.0	1:23	4.01	96	104	.00	.00	8	5	1056	.0	5
5155.0	1:28	3.94	96	105	.00	.00	8	5	1054	.0	5
5160.0	1:32	3.85	97	104	.00	.00	8	5	1054	.0	5
5165.0	1:47	3.89	98	103	.00	.00	8	5	1067	.0	5
5170.0	1:52	3.97	98	106	.00	.00	8	5	1055	.0	5
5175.0	1:57	3.90	98	106	.00	.00	8	5	1057	.0	5
3055											
5180.0	2: 2	3.94	98	107	.00	.00	8	5	1056	.0	5
5185.0	2: 6	3.90	98	107	.00	.00	8	5	1058	.0	5
5190.0	2:10	3.76	98	107	.00	.00	8	5	1059	.0	3
5195.0	2:21	3.99	98	107	.00	.00	8	5	1049	.0	5
5200.0	2:26	4.02	98	107	.00	.00	8	5	1062	.0	5
5205.0	2:32	4.03	99	107	.00	.00	8	5	1058	.0	5
5210.0	2:38	4.02	99	108	.00	.00	8	5	1058	.0	5
5215.0	2:43	4.01	99	108	.00	.00	8	5	1058	.0	5
5220.0	2:49	3.96	99	108	.00	.00	8	5	1058	.0	5
5225.0	3: 0	3.98	99	108	.00	.00	8	5	1059	.0	5
3103											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
3103											
5230.0	3: 6	4.08	99	108	.00	.00	8	5	1058	.0	5
5235.0	3:10	3.92	99	106	.00	.00	8	5	1058	.0	5
5240.0	3:15	3.93	99	106	.00	.00	8	5	1058	.0	5
5245.0	3:20	4.08	99	107	.00	.00	8	5	1059	.0	5
5250.0	3:24	3.88	98	105	.00	.00	8	5	1063	.0	5
5255.0	3:37	4.13	98	106	.00	.00	8	5	916	.0	3
5260.0	3:42	4.09	98	106	.00	.00	8	5	1070	.0	5
5265.0	3:46	3.96	98	107	.00	.00	8	5	1061	.0	5
5270.0	3:52	4.07	98	107	.00	.00	8	5	1058	.0	5
5275.0	3:57	4.09	98	107	.00	.00	8	5	1059	.0	5
3151											
5280.0	4: 2	4.03	98	107	.00	.00	8	5	1061	.0	5
5285.0	4: 8	4.07	98	107	.00	.00	8	5	1061	.0	5
5290.0	4:21	4.10	98	107	.00	.00	8	5	794	.0	5
5295.0	4:26	3.99	98	107	.00	.00	8	5	708	.0	5
5300.0	4:32	3.97	98	106	.00	.00	8	5	700	.0	5
5305.0	4:38	4.08	97	106	.00	.00	8	5	698	.0	5
5310.0	4:44	3.93	97	106	.00	.00	8	5	844	.0	5
5315.0	4:49	4.03	97	105	.00	.00	8	5	1050	.0	5
5320.0	4:58	3.83	97	105	.00	.00	8	5	1054	.0	4
5325.0	5: 2	3.90	98	106	.00	.00	8	5	1054	.0	5
3200											
5330.0	5: 8	4.11	98	106	.00	.00	8	5	1046	.0	5
5335.0	5:14	4.05	98	105	.00	.00	8	5	1045	.0	5
5340.0	5:19	4.06	98	104	.00	.00	8	5	1047	.0	5
5345.0	5:24	4.02	98	106	.00	.00	8	5	1047	.0	5
5350.0	5:28	3.95	98	107	.00	.00	8	5	1047	.0	5
5355.0	5:41	4.09	98	107	.00	.00	8	5	1044	.0	5
5360.0	5:46	4.08	99	108	.00	.00	8	5	1057	.0	5
5365.0	5:52	4.10	100	108	.00	.00	9	4	1069	.0	5
5370.0	5:57	4.08	100	108	.00	.00	9	4	1035	.0	5
5375.0	6: 2	4.00	100	108	.00	.00	9	4	1044	.0	5
3250											
5380.0	6: 7	3.98	100	108	.00	.00	9	4	1045	.0	5
5385.0	6:17	4.07	101	110	.00	.00	9	4	1044	.0	5
5390.0	6:23	4.06	102	110	.00	.00	9	4	1045	.0	5
5395.0	6:27	3.95	102	111	.00	.00	9	4	1040	.0	5
5400.0	6:32	3.99	102	111	.00	.00	9	4	1045	.0	5
5405.0	6:37	3.96	102	111	.00	.00	9	4	1052	.0	5
5410.0	6:42	4.10	102	108	.00	.00	9	4	1051	.0	5
5415.0	6:51	3.97	102	110	.00	.00	9	4	1050	.0	5
5420.0	6:56	3.99	102	107	.00	.00	9	4	1046	.0	5
5425.0	7: 2	4.15	101	105	.00	.00	9	4	1046	.0	5
3300											
5430.0	7: 8	4.11	101	105	.00	.00	9	4	1045	.0	5
5435.0	7:12	4.00	101	105	.00	.00	9	4	1044	.0	5
5440.0	7:16	3.97	102	105	.00	.00	9	4	1045	.0	4
5445.0	7:26	4.16	103	106	.00	.00	9	4	1048	.0	5
5450.0	7:32	4.10	103	108	.00	.00	9	4	1048	.0	5
5455.0	7:36	3.91	103	108	.00	.00	9	4	1046	.0	5
5460.0	7:40	3.97	103	108	.00	.00	9	4	1046	.0	5
5465.0	7:45	4.07	103	109	.00	.00	9	4	1048	.0	5
5470.0	7:51	4.08	103	108	.00	.00	9	4	1050	.0	5
5475.0	8: 0	3.97	103	109	.00	.00	9	4	1050	.0	5
3349											

DEPTH	TIME	PS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
3349											
5480.0	8: 6	4.08	103	110	.00	.00	9	4	1052	.0	5
5485.0	8:11	4.00	103	110	.00	.00	9	4	1042	.0	5
5490.0	8:15	3.88	103	110	.00	.00	9	4	1044	.0	5
5495.0	8:20	3.97	103	109	.00	.00	9	4	1044	.0	5
5500.0	8:24	3.98	103	110	.00	.00	9	4	1044	.0	5
5505.0	8:28	3.88	104	110	.00	.00	9	4	1047	.0	5
5510.0	8:37	4.01	104	107	.00	.00	9	4	1045	.0	5
5515.0	8:41	3.99	104	109	.00	.00	9	4	1042	.0	4
5520.0	8:46	4.00	104	111	.00	.00	9	4	1042	.0	5
5525.0	8:51	3.96	104	112	.00	.00	9	4	1042	.0	5
3398											
5530.0	8:56	3.99	104	112	.00	.00	9	4	1042	.0	5
5535.0	9: 1	3.99	104	111	.00	.00	9	4	1042	.0	5
5540.0	9: 9	3.91	104	110	.00	.00	9	4	1043	.0	5
5545.0	9:14	3.96	104	111	.00	.00	9	4	1045	.0	5
5550.0	9:17	3.87	104	112	.00	.00	9	4	1046	.0	5
5555.0	9:20	3.76	103	111	.00	.00	9	4	1048	.0	5
5560.0	9:24	3.95	104	111	.00	.00	9	4	1045	.0	5
5565.0	9:29	3.95	104	111	.00	.00	9	4	1047	.0	5
5570.0	9:34	3.74	104	111	.00	.00	9	4	1052	.0	5
5575.0	9:38	3.94	104	111	.00	.00	9	4	1057	.0	5
3448											
5580.0	9:43	4.03	104	111	.00	.00	9	4	1058	.0	5
5585.0	9:47	3.85	105	111	.00	.00	9	4	1052	.0	5
5590.0	9:51	3.90	105	113	.00	.00	9	4	1056	.0	5
5595.0	9:54	3.91	104	112	.00	.00	9	4	1058	.0	5
5600.0	10: 1	3.81	104	112	.00	.00	9	4	1057	.0	5
5605.0	10: 4	3.85	105	112	.00	.00	9	4	1054	.0	5
5610.0	10: 9	3.99	105	113	.00	.00	9	4	1047	.0	5
5615.0	10:13	3.87	105	111	.00	.00	9	4	1046	.0	5
5620.0	10:17	3.90	105	109	.00	.00	9	4	1046	.0	5
5625.0	10:22	4.05	105	111	.00	.00	9	4	1049	.0	5
3498											
5630.0	10:34	3.73	104	110	.00	.00	9	4	1049	.0	5
5635.0	10:36	3.78	105	109	.00	.00	9	4	1079	.0	4
5640.0	10:40	3.88	105	113	.00	.00	9	4	1091	.0	5
5645.0	10:44	3.80	105	113	.00	.00	9	4	1099	.0	5
5650.0	10:46	3.74	105	113	.00	.00	9	4	1072	.0	5
5655.0	10:50	3.82	105	114	.00	.00	9	4	1054	.0	5
5660.0	10:53	3.80	106	113	.00	.00	9	4	1053	.0	5
5665.0	11: 0	3.82	106	98	.00	.00	9	4	1062	.0	5
5670.0	11: 3	3.81	106	115	.00	.00	9	4	1072	.0	5
5675.0	11: 7	3.82	106	114	.00	.00	9	5	1060	.0	5
3547											
5680.0	11:11	3.94	105	115	.00	.00	8	7	1021	.0	5
5685.0	11:15	3.78	105	115	.00	.00	8	7	1022	.0	5
5690.0	11:19	3.90	106	115	.00	.00	8	7	1025	.0	5
5695.0	11:25	3.85	106	107	.00	.00	8	7	1017	.0	4
5700.0	11:29	3.82	107	116	.00	.00	8	7	994	.0	5
5705.0	11:32	3.83	107	116	.00	.00	8	7	992	.0	5
5710.0	11:35	3.83	107	116	.00	.00	8	7	991	.0	5
5715.0	11:38	3.85	107	116	.00	.00	8	7	990	.0	5
5720.0	11:41	3.83	107	116	.00	.00	8	7	985	.0	5
5725.0	11:44	3.84	107	117	.00	.00	8	7	984	.0	5
3596											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
	3596										
5730.0	11:52	3.87	107	116	.00	.00	8	7	990	.0	5
5735.0	11:55	3.89	107	116	.00	.00	8	7	992	.0	5
5740.0	11:59	3.88	107	114	.00	.00	8	7	992	.0	4
5745.0	12: 3	3.96	107	114	.00	.00	8	7	993	.0	5
5750.0	12: 6	3.90	107	115	.00	.00	8	7	996	.0	5
5755.0	12: 9	3.84	107	115	.00	.00	8	7	996	.0	5
5760.0	12:16	3.73	106	117	.00	.00	8	7	954	.0	2
5765.0	12:19	3.94	106	117	.00	.00	8	7	948	.0	5
5770.0	12:23	3.89	106	117	.00	.00	8	7	945	.0	5
5775.0	12:26	3.87	107	117	.00	.00	8	7	940	.0	5
	3642										
5780.0	12:30	3.95	107	116	.00	.00	8	7	940	.0	5
5785.0	12:33	3.91	107	118	.00	.00	8	7	942	.0	4
5790.0	12:41	3.75	107	118	.00	.00	8	7	848	.0	4
5795.0	12:45	4.02	107	116	.00	.00	8	7	666	.0	5
5800.0	12:49	3.95	107	118	.00	.00	8	7	665	.0	5
5805.0	12:53	3.94	107	119	.00	.00	8	7	668	.0	5
5810.0	12:57	4.02	107	118	.00	.00	8	7	671	.0	5
5815.0	13: 0	3.90	107	118	.00	.00	8	7	672	.0	5
5820.0	13: 7	3.93	107	116	.00	.00	8	7	663	.0	4
5825.0	13:12	3.97	107	115	.00	.00	8	7	635	.0	5
	3689										
5830.0	13:15	3.89	107	114	.00	.00	8	7	636	.0	5
5835.0	13:19	3.94	107	117	.00	.00	8	7	912	.0	5
5840.0	13:22	3.80	106	116	.00	.00	8	7	946	.0	5
5845.0	13:25	3.87	106	116	.00	.00	8	7	946	.0	5
5850.0	13:29	3.91	106	115	.00	.00	8	7	945	.0	5
5855.0	13:36	3.90	106	117	.00	.00	8	7	962	.0	5
5860.0	13:40	3.96	106	116	.00	.00	8	7	968	.0	5
5865.0	13:43	3.78	106	118	.00	.00	8	7	968	.0	5
5870.0	13:47	3.94	106	117	.00	.00	8	7	973	.0	4
5875.0	13:52	4.03	106	117	.00	.00	8	7	973	.0	5
	3738										
5880.0	13:55	3.91	106	116	.00	.00	8	7	976	.0	5
5885.0	14: 3	3.93	106	115	.00	.00	8	7	956	.0	5
5890.0	14: 8	4.05	106	117	.00	.00	8	7	937	.0	5
5895.0	14:12	3.95	106	118	.00	.00	8	7	937	.0	5
5900.0	14:16	3.94	106	118	.00	.00	8	7	940	.0	4
5905.0	14:20	3.99	106	117	.00	.00	8	7	939	.0	5
5910.0	14:25	3.98	106	117	.00	.00	8	7	939	.0	5
5920.0	14:35	3.80	106	117	.00	.00	8	7	952	.0	6
5925.0	14:39	3.96	107	119	.00	.00	8	7	945	.0	5
5930.0	14:42	3.85	107	120	.00	.00	8	7	940	.0	5
	3788										
5935.0	14:46	3.94	107	117	.00	.00	8	7	941	.0	5
5940.0	14:51	3.98	107	119	.00	.00	8	7	940	.0	5
5945.0	14:54	3.86	108	117	.00	.00	8	7	948	.0	4
5950.0	15: 2	3.92	107	117	.00	.00	8	7	953	.0	5
5955.0	15: 7	4.02	107	116	.00	.00	8	7	674	.0	5
5960.0	15:10	3.83	107	119	.00	.00	8	7	646	.0	5
5965.0	15:14	4.00	107	118	.00	.00	8	7	647	.0	5
5970.0	15:18	3.94	107	117	.00	.00	8	7	648	.0	5
5975.0	15:22	3.98	106	115	.00	.00	8	7	651	.0	5
5980.0	15:31	4.00	106	114	.00	.00	8	7	653	.0	5
	3837										

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
3837											
5985.0	15:34	3.93	106	115	.00	.00	8	7	651	.0	5
5990.0	15:39	3.95	106	116	.00	.00	8	7	655	.0	5
5995.0	15:42	3.85	105	116	.00	.00	8	7	659	.0	5
6000.0	15:46	3.95	105	111	.00	.00	8	7	660	.0	5
6005.0	15:50	3.93	105	116	.00	.00	8	7	662	.0	5
6010.0	15:58	3.94	105	115	.00	.00	8	7	668	.0	5
6015.0	16: 1	3.92	104	113	.00	.00	8	7	683	.0	5
6020.0	16: 4	3.89	104	110	.00	.00	8	7	688	.0	5
6025.0	16: 8	3.90	104	113	.00	.00	8	7	689	.0	5
6030.0	16:11	3.90	104	115	.00	.00	8	7	689	.0	5
3887											
6035.0	16:15	3.97	104	116	.00	.00	8	7	690	.0	5
6040.0	16:23	3.89	104	114	.00	.00	8	7	692	.0	5
6045.0	16:26	3.88	105	113	.00	.00	8	7	668	.0	3
6050.0	16:30	3.93	105	114	.00	.00	8	7	669	.0	5
6055.0	16:33	3.86	105	113	.00	.00	8	7	671	.0	4
6060.0	16:37	3.98	105	114	.00	.00	8	7	671	.0	5
6065.0	16:41	3.92	105	116	.00	.00	8	7	671	.0	5
6070.0	16:45	3.94	105	117	.00	.00	8	7	672	.0	5
6075.0	16:52	3.88	105	111	.00	.00	8	7	662	.0	5
6080.0	16:56	3.96	105	115	.00	.00	8	7	659	.0	5
3934											
6085.0	16:59	3.84	104	116	.00	.00	8	7	661	.0	5
6090.0	17: 3	3.93	104	116	.00	.00	8	7	662	.0	5
6095.0	17: 7	3.91	104	112	.00	.00	8	7	658	.0	5
6100.0	17:11	3.93	104	114	.00	.00	8	7	587	.0	5
6105.0	17:22	3.93	104	112	.00	.00	8	7	591	.0	5
6110.0	17:31	3.80	103	114	.00	.00	8	7	578	.0	4
6115.0	17:35	3.94	102	114	.00	.00	8	7	599	.0	5
6117.0	17:37	3.98	102	114	.00	.00	8	7	604	.0	2
NEW BIT ID: 5											
6120.0	1:15	3.96	91	101	.00	.00	9	7	652	.0	2
6125.0	1:26	4.14	91	102	.00	.00	9	7	655	.0	5
3981											
6130.0	1:31	4.19	91	100	.00	.00	9	7	890	.0	2
6135.0	1:38	3.75	92	101	.00	.00	9	7	1006	.0	2
6140.0	1:43	3.98	92	103	.00	.00	9	7	983	.0	5
6145.0	1:47	3.95	92	106	.00	.00	9	7	975	.0	5
6150.0	1:51	3.92	91	108	.00	.00	9	7	989	.0	5
6155.0	1:57	3.97	90	109	.00	.00	9	7	986	.0	5
6160.0	2: 2	3.91	93	105	.00	.00	9	7	979	.0	5
6165.0	2:11	3.87	94	105	.00	.00	9	7	984	.0	5
6170.0	2:16	3.94	95	106	.00	.00	9	7	981	.0	5
6175.0	2:20	3.93	95	107	.00	.00	9	7	955	.0	5
4025											
6180.0	2:25	4.04	96	107	.00	.00	9	7	953	.0	5
6185.0	2:29	3.91	97	108	.00	.00	9	7	958	.0	5
6190.0	2:34	3.96	98	109	.00	.00	9	7	960	.0	5
6200.0	2:45	3.95	99	109	.00	.00	9	7	975	.0	8
6205.0	2:49	3.93	99	111	.00	.00	9	7	962	.0	5
6210.0	2:53	3.99	99	111	.00	.00	9	7	960	.0	5
6215.0	2:57	3.95	99	111	.00	.00	9	7	957	.0	5

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
4063											
6220.0	3: 0	3.84	100	111	.00	.00	9	7	960	.0	5
6225.0	3: 5	3.98	101	112	.00	.00	9	7	956	.0	5
6230.0	3:14	3.93	102	112	.00	.00	9	7	952	.0	5
6235.0	3:18	3.87	103	111	.00	.00	9	7	942	.0	5
6240.0	3:21	3.96	102	113	.00	.00	9	7	954	.0	5
6245.0	3:25	3.88	102	113	.00	.00	9	7	953	.0	5
6250.0	3:28	3.89	102	113	.00	.00	9	7	952	.0	5
6255.0	3:32	3.97	103	111	.00	.00	9	7	953	.0	5
6260.0	3:38	3.92	103	111	.00	.00	9	7	965	.0	4
6265.0	3:41	3.95	103	112	.00	.00	9	7	975	.0	4
4111											
6270.0	3:45	3.87	103	111	.00	.00	9	7	972	.0	5
6275.0	3:48	3.92	103	113	.00	.00	9	7	971	.0	5
6280.0	3:52	3.90	103	113	.00	.00	9	7	975	.0	5
6285.0	3:56	3.95	103	112	.00	.00	9	7	978	.0	5
6290.0	3:59	3.91	104	113	.00	.00	9	7	981	.0	5
6295.0	4: 6	3.85	104	115	.00	.00	9	7	978	.0	5
6300.0	4:10	3.90	104	115	.00	.00	10	7	980	.0	5
6305.0	4:13	3.84	104	116	.00	.00	11	7	985	.0	5
6310.0	4:16	3.87	104	117	.00	.00	11	7	985	.0	4
6315.0	4:20	3.89	105	117	.00	.00	11	7	982	.0	5
4160											
6320.0	4:23	3.82	105	117	.00	.00	11	7	982	.0	5
6325.0	4:30	3.75	106	97	.00	.00	11	7	974	.0	4
6330.0	4:34	3.92	107	111	.00	.00	11	7	975	.0	5
6335.0	4:37	3.90	106	117	.00	.00	11	7	977	.0	5
6340.0	4:41	3.85	105	118	.00	.00	11	7	978	.0	5
6345.0	4:45	3.89	105	118	.00	.00	11	7	978	.0	5
6350.0	4:47	3.89	106	118	.00	.00	11	7	980	.0	5
6360.0	4:58	3.91	106	113	.00	.00	11	7	983	.0	9
6365.0	5: 1	3.84	106	118	.00	.00	11	7	986	.0	5
6370.0	5: 4	3.75	106	119	.00	.00	11	7	986	.0	4
4212											
6375.0	5: 7	3.83	106	119	.00	.00	11	7	988	.0	5
6380.0	5:10	3.85	105	117	.00	.00	11	7	987	.0	5
6385.0	5:13	3.82	106	117	.00	.00	11	7	977	.0	5
6390.0	5:19	3.81	106	117	.00	.00	11	7	977	.0	4
6395.0	5:23	3.88	106	117	.00	.00	11	7	966	.0	5
6400.0	5:26	3.77	106	112	.00	.00	11	7	958	.0	5
6405.0	5:29	3.77	104	117	.00	.00	11	7	967	.0	5
6410.0	5:33	3.85	104	118	.00	.00	11	7	968	.0	5
6415.0	5:36	3.85	104	119	.00	.00	11	7	968	.0	5
6420.0	5:44	3.73	105	115	.00	.00	11	7	963	.0	5
4261											
6425.0	5:48	3.86	106	115	.00	.00	11	7	952	.0	5
6430.0	5:51	3.85	106	118	.00	.00	11	7	953	.0	5
6435.0	5:54	3.84	106	119	.00	.00	11	7	957	.0	5
6440.0	5:57	3.75	106	118	.00	.00	11	7	954	.0	5
6445.0	6: 0	3.83	105	118	.00	.00	11	7	945	.0	5
6450.0	6: 8	3.83	106	117	.00	.00	11	7	944	.0	4
6455.0	6:11	3.78	105	117	.00	.00	11	7	952	.0	5
6460.0	6:14	3.76	105	118	.00	.00	11	7	948	.0	4
6465.0	6:17	3.76	105	119	.00	.00	11	7	951	.0	5
6470.0	6:20	3.79	105	119	.00	.00	11	7	951	.0	4
4308											

DEPTH	TIME	PS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDDV	RECDS
4308											
6475.0	6:22	3.80	105	119	.00	.00	11	7	956	.0	4
6480.0	6:30	3.88	106	118	.00	.00	11	7	962	.0	5
6485.0	6:33	3.82	106	118	.00	.00	11	7	973	.0	3
6490.0	6:36	3.78	106	116	.00	.00	11	7	968	.0	5
6500.0	6:42	3.88	106	116	.00	.00	11	7	967	.0	7
6505.0	6:45	3.89	105	118	.00	.00	11	7	963	.0	5
6510.0	6:48	3.76	105	119	.00	.00	11	7	957	.0	4
6515.0	6:56	3.87	106	118	.00	.00	11	7	698	.0	4
6520.0	7: 0	3.86	105	117	.00	.00	11	7	631	.0	5
6525.0	7: 3	3.80	105	118	.00	.00	11	7	632	.0	5
4355											
6530.0	7: 7	3.85	105	118	.00	.00	11	7	632	.0	5
6535.0	7:10	3.82	105	116	.00	.00	11	7	812	.0	5
6540.0	7:13	3.71	105	115	.00	.00	11	7	982	.0	5
6545.0	7:21	3.81	105	115	.00	.00	11	7	986	.0	5
6550.0	7:25	3.87	105	114	.00	.00	11	7	973	.0	5
6555.0	7:28	3.86	105	117	.00	.00	11	7	961	.0	5
6560.0	7:31	3.82	105	117	.00	.00	11	7	966	.0	5
6565.0	7:34	3.96	105	115	.00	.00	11	7	965	.0	5
6570.0	7:38	3.89	105	117	.00	.00	11	7	965	.0	4
6575.0	7:46	3.88	105	115	.00	.00	11	7	976	.0	4
4403											
6580.0	7:48	3.80	105	116	.00	.00	11	7	982	.0	5
6585.0	7:52	3.94	105	116	.00	.00	11	7	973	.0	4
6590.0	7:55	3.90	105	115	.00	.00	11	7	964	.0	5
6600.0	8: 1	3.83	105	116	.00	.00	11	7	978	.0	9
6605.0	8: 8	3.75	105	116	.00	.00	11	7	978	.0	4
6610.0	8:11	3.84	105	113	.00	.00	11	7	971	.0	4
6615.0	8:14	3.83	105	117	.00	.00	11	7	971	.0	5
6620.0	8:18	3.84	105	117	.00	.00	11	7	966	.0	5
6630.0	8:25	3.81	105	117	.00	.00	11	7	969	.0	9
6635.0	8:28	3.84	105	117	.00	.00	11	7	970	.0	5
4458											
6640.0	8:36	3.82	105	117	.00	.00	11	7	731	.0	4
6645.0	8:40	3.89	105	115	.00	.00	11	7	633	.0	5
6650.0	8:43	3.94	105	117	.00	.00	11	7	608	.0	5
6655.0	8:48	3.94	104	117	.00	.00	11	7	811	.0	4
6660.0	8:51	3.84	104	116	.00	.00	11	7	964	.0	4
6665.0	8:54	3.84	104	116	.00	.00	11	7	991	.0	5
6670.0	9: 1	3.78	104	115	.00	.00	11	7	996	.0	4
6675.0	9: 5	3.78	104	113	.00	.00	11	7	964	.0	5
6680.0	9: 8	3.83	104	116	.00	.00	11	7	971	.0	5
6685.0	9:11	3.84	104	116	.00	.00	11	7	971	.0	5
4504											
6690.0	9:14	3.88	104	116	.00	.00	11	7	974	.0	5
6695.0	9:18	3.95	104	116	.00	.00	11	7	976	.0	4
6700.0	9:26	3.84	104	115	.00	.00	11	7	983	.0	5
6705.0	9:30	3.95	104	114	.00	.00	11	7	965	.0	4
6710.0	9:34	3.88	104	114	.00	.00	11	7	969	.0	5
6715.0	9:37	3.85	104	112	.00	.00	11	7	973	.0	4
6720.0	9:41	3.88	103	112	.00	.00	11	7	973	.0	5
6725.0	9:44	3.85	103	112	.00	.00	11	7	973	.0	4
6730.0	9:48	3.79	102	112	.00	.00	11	7	971	.0	5
6735.0	9:55	3.83	103	113	.00	.00	11	7	729	.0	4
4549											

DEPTH	TIME	RS	MTI	MTD	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
4549											
6740.0	9:59	3.90	103	114	.00	.00	11	7	639	.0	5
6745.0	10: 3	3.92	103	112	.00	.00	13	7	931	.0	5
6750.0	10: 7	3.93	103	113	.00	.00	13	7	976	.0	5
6755.0	10:11	3.84	103	113	.00	.00	13	7	974	.0	5
6760.0	10:14	3.88	104	113	.00	.00	13	7	977	.0	4
6765.0	10:21	3.82	103	114	.00	.00	13	7	997	.0	5
6770.0	10:24	3.79	103	115	.00	.00	13	7	1004	.0	5
6775.0	10:28	3.76	103	115	.00	.00	13	7	1007	.0	5
6780.0	10:31	3.81	103	115	.00	.00	13	7	1009	.0	5
6785.0	10:35	3.84	103	115	.00	.00	13	7	989	.0	5
4598											
6790.0	10:38	3.84	103	115	.00	.00	13	7	972	.0	5
6795.0	10:47	3.85	104	114	.00	.00	13	7	971	.0	4
6800.0	10:51	3.79	104	115	.00	.00	13	7	971	.0	5
6805.0	10:54	3.81	104	115	.00	.00	13	7	969	.0	5
6810.0	10:57	3.83	104	114	.00	.00	13	7	970	.0	5
6815.0	11: 1	3.84	104	111	.00	.00	13	7	971	.0	5
6820.0	11: 5	3.91	104	111	.00	.00	13	7	971	.0	4
6825.0	11:12	3.73	104	112	.00	.00	13	7	976	.0	5
6830.0	11:16	3.79	104	115	.00	.00	13	7	963	.0	5
6835.0	11:19	3.75	104	115	.00	.00	13	7	963	.0	5
4646											
6840.0	11:23	3.77	104	115	.00	.00	13	7	963	.0	5
6845.0	11:27	3.79	104	115	.00	.00	13	7	966	.0	5
6850.0	11:30	3.78	104	114	.00	.00	13	7	966	.0	4
6860.0	11:41	3.81	104	115	.00	.00	13	7	980	.0	8
6865.0	11:44	3.87	104	118	.00	.00	13	7	992	.0	4
6870.0	11:48	3.88	104	118	.00	.00	10	8	965	.0	5
6875.0	11:52	3.92	104	117	.00	.00	8	8	948	.0	5
6880.0	11:55	3.88	104	116	.00	.00	8	8	948	.0	5
6885.0	11:59	3.94	104	115	.00	.00	8	8	944	.0	5
6890.0	12: 8	3.87	104	116	.00	.00	8	8	962	.0	5
4697											
6895.0	12:11	3.85	104	117	.00	.00	8	8	952	.0	5
6900.0	12:15	3.90	104	116	.00	.00	8	8	914	.0	5
6905.0	12:19	3.89	104	115	.00	.00	8	8	918	.0	5
6910.0	12:23	3.88	104	115	.00	.00	8	8	920	.0	5
6915.0	12:27	3.93	104	115	.00	.00	8	8	919	.0	5
6920.0	12:34	3.94	105	115	.00	.00	8	8	920	.0	4
6925.0	12:38	3.92	104	116	.00	.00	8	8	927	.0	5
6930.0	12:42	3.96	104	116	.00	.00	8	8	928	.0	5
6935.0	12:45	3.88	104	115	.00	.00	8	8	930	.0	4
6940.0	12:49	3.82	104	115	.00	.00	8	8	932	.0	5
4745											
6945.0	12:52	3.88	104	115	.00	.00	8	8	932	.0	5
6950.0	13: 0	3.90	104	114	.00	.00	8	8	935	.0	5
6955.0	13: 4	3.89	103	115	.00	.00	8	8	948	.0	5
6960.0	13: 8	3.91	103	115	.00	.00	8	8	947	.0	5
6965.0	13:11	3.79	103	114	.00	.00	8	8	946	.0	4
6970.0	13:15	3.95	103	112	.00	.00	8	8	942	.0	5
6975.0	13:18	3.91	103	113	.00	.00	8	8	945	.0	5
6980.0	13:25	3.88	104	115	.00	.00	8	8	943	.0	4
6985.0	13:28	3.83	104	115	.00	.00	8	8	919	.0	4
6990.0	13:30	3.79	105	116	.00	.00	8	8	920	.0	5
4792											

DEPTH	TIME	RS	MTI	MTD	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
4792											
6995.0	13:33	3.79	105	116	.00	.00	8	8	917	.0	5
7000.0	13:37	3.83	105	116	.00	.00	8	8	915	.0	5
7005.0	13:40	3.83	105	116	.00	.00	8	8	916	.0	5
7010.0	13:41	3.73	105	116	.00	.00	8	8	920	.0	3
7014.0	13:43	3.75	105	116	.00	.00	8	8	922	.0	2

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
				NEW BIT ID: 5							
7020.0	13:52	3.87	105	118	.00	.00	9	7	967	.0	3
7025.0	13:55	3.88	104	118	.00	.00	9	7	965	.0	4
7030.0	13:58	3.94	105	117	.00	.00	9	7	965	.0	5
7035.0	14: 1	3.83	105	116	.00	.00	9	7	961	.0	5
7040.0	14: 4	3.91	106	116	.00	.00	9	7	965	.0	5
7045.0	14: 8	3.86	106	117	.00	.00	9	7	966	.0	4
7050.0	14:16	3.88	106	117	.00	.00	9	7	958	.0	5
7055.0	14:19	3.88	106	118	.00	.00	9	7	953	.0	5
7060.0	14:21	3.77	106	118	.00	.00	9	7	958	.0	4
7065.0	14:24	3.87	106	118	.00	.00	9	7	956	.0	4
112											
7070.0	14:27	3.88	106	117	.00	.00	9	7	959	.0	5
7075.0	14:30	3.91	105	116	.00	.00	9	7	960	.0	5
7080.0	14:37	4.01	106	116	.00	.00	9	7	721	.0	2
7085.0	14:40	3.89	106	116	.00	.00	9	7	665	.0	4
7090.0	14:43	3.95	106	117	.00	.00	9	7	664	.0	4
7095.0	14:46	3.88	106	116	.00	.00	9	7	783	.0	4
7100.0	14:49	3.92	106	116	.00	.00	9	7	650	.0	5
7105.0	14:53	4.04	106	116	.00	.00	9	7	682	.0	5
7110.0	15: 2	3.88	106	115	.00	.00	9	7	676	.0	2
7115.0	15: 6	4.03	105	115	.00	.00	9	7	775	.0	5
153											
7120.0	15:10	3.86	105	114	.00	.00	9	7	973	.0	5
7125.0	15:14	4.04	104	116	.00	.00	9	7	696	.0	5
7130.0	15:18	4.03	104	115	.00	.00	9	7	658	.0	5
7135.0	15:22	4.01	104	112	.00	.00	9	7	656	.0	4
7140.0	15:31	3.99	104	111	.00	.00	9	7	666	.0	5
7145.0	15:34	3.81	104	115	.00	.00	9	7	683	.0	3
7150.0	15:37	3.84	104	115	.00	.00	9	7	684	.0	5
7155.0	15:40	3.88	104	113	.00	.00	9	7	686	.0	5
7160.0	15:44	4.01	103	114	.00	.00	9	7	689	.0	5
7165.0	15:48	3.93	103	113	.00	.00	9	7	691	.0	5
200											
7170.0	15:51	3.84	103	113	.00	.00	9	7	692	.0	5
7175.0	16: 2	3.95	102	115	.00	.00	9	7	720	.0	5
7180.0	16: 6	3.85	102	116	.00	.00	9	7	967	.0	5
7185.0	16: 9	3.86	102	114	.00	.00	9	7	965	.0	5
7190.0	16:12	3.76	103	114	.00	.00	9	7	966	.0	5
7195.0	16:15	3.87	103	115	.00	.00	9	7	965	.0	5
7200.0	16:19	3.94	103	116	.00	.00	9	7	967	.0	4
7205.0	16:28	3.87	104	116	.00	.00	9	7	969	.0	4
7215.0	16:34	3.79	104	116	.00	.00	9	7	936	.0	6
7220.0	16:37	3.85	104	116	.00	.00	9	7	695	.0	5
249											
7225.0	16:41	3.88	104	116	.00	.00	9	7	696	.0	4
7230.0	16:44	3.85	104	116	.00	.00	9	7	696	.0	4
7235.0	16:50	3.80	104	115	.00	.00	9	7	694	.0	5
7240.0	16:56	3.86	104	115	.00	.00	11	10	568	.0	5
7245.0	16:59	3.76	104	117	.00	.00	13	12	942	.0	5
7250.0	17: 2	3.68	104	116	.00	.00	13	12	941	.0	5
7255.0	17: 5	3.79	104	116	.00	.00	13	12	943	.0	5

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV RECDS	
	282										
7260.0	17: 8	3.81	104	116	.00	.00	13	12	943	.0	5
7265.0	17:19	3.86	104	116	.00	.00	13	12	939	.0	5
7270.0	17:23	3.89	105	118	.00	.00	13	12	952	.0	5
7275.0	17:26	3.82	105	120	.00	.00	13	12	946	.0	4
7280.0	17:31	3.93	105	120	.00	.00	13	12	948	.0	5
7285.0	17:35	3.89	106	119	.00	.00	13	12	954	.0	5
7290.0	17:39	3.86	106	116	.00	.00	13	12	955	.0	5
7295.0	17:44	3.94	107	114	.00	.00	13	12	958	.0	5
7300.0	17:54	3.73	107	119	.00	.00	13	12	934	.0	5
7305.0	17:58	3.94	107	118	.00	.00	13	12	911	.0	5
	331										
7310.0	18: 2	3.90	107	119	.00	.00	13	12	905	.0	5
7315.0	18: 6	3.91	107	122	.00	.00	13	12	905	.0	5
7320.0	18:10	3.94	107	123	.00	.00	13	12	905	.0	5
7325.0	18:14	3.88	107	120	.00	.00	13	12	906	.0	5
7330.0	18:23	3.79	108	118	.00	.00	13	12	901	.0	4
7335.0	18:26	3.85	108	119	.00	.00	13	12	899	.0	4
7340.0	18:30	3.79	108	118	.00	.00	13	12	899	.0	5
7345.0	18:34	3.98	108	118	.00	.00	13	12	898	.0	5
7350.0	18:38	4.01	108	118	.00	.00	13	12	896	.0	4
7355.0	18:43	4.01	107	118	.00	.00	13	12	898	.0	5
	378										
7360.0	18:51	3.96	107	118	.00	.00	13	12	890	.0	5
7365.0	18:55	3.91	107	118	.00	.00	13	12	890	.0	5
7370.0	18:59	4.04	107	118	.00	.00	13	12	890	.0	5
7375.0	19: 2	3.94	106	118	.00	.00	13	12	890	.0	3
7380.0	19: 7	3.94	106	118	.00	.00	13	12	894	.0	5
7385.0	19:10	3.93	106	118	.00	.00	13	12	895	.0	5
7390.0	19:18	3.89	106	117	.00	.00	13	12	900	.0	5
7395.0	19:23	3.81	105	116	.00	.00	13	12	917	.0	5
7400.0	19:27	4.01	105	116	.00	.00	13	12	918	.0	5
7405.0	19:30	3.88	105	116	.00	.00	13	12	919	.0	4
	425										
7410.0	19:34	3.98	105	116	.00	.00	13	12	921	.0	5
7415.0	19:38	4.01	105	116	.00	.00	13	12	924	.0	5
7420.0	19:42	3.93	105	116	.00	.00	13	12	922	.0	5
7425.0	19:50	3.91	105	114	.00	.00	13	12	903	.0	5
7430.0	19:53	3.89	105	115	.00	.00	13	12	903	.0	5
7435.0	19:58	4.00	105	116	.00	.00	13	12	900	.0	5
7440.0	20: 1	3.93	104	115	.00	.00	13	12	903	.0	4
7445.0	20: 4	3.92	104	114	.00	.00	13	12	905	.0	5
7450.0	20: 8	4.03	104	114	.00	.00	13	12	905	.0	5
7455.0	20:16	3.80	103	112	.00	.00	13	12	903	.0	4
	473										
7460.0	20:20	3.81	103	111	.00	.00	13	12	905	.0	5
7465.0	20:23	3.79	103	112	.00	.00	13	12	905	.0	5
7470.0	20:27	3.80	103	112	.00	.00	13	12	905	.0	5
7475.0	20:31	3.79	103	112	.00	.00	13	12	905	.0	5
7480.0	20:34	3.76	103	112	.00	.00	13	12	905	.0	5
7485.0	20:58	3.88	103	113	.00	.00	13	12	876	.0	4
7490.0	21: 6	3.91	102	113	.00	.00	13	12	917	.0	4
7495.0	21:12	4.02	101	113	.00	.00	13	12	919	.0	5
7500.0	21:52	3.88	101	114	.00	.00	13	12	924	.0	5
7505.0	21:56	3.92	101	114	.00	.00	13	12	935	.0	5
	521										

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
	521										
7510.0	22: 1	4.06	101	116	.00	.00	13	12	931	.0	5
7520.0	22:11	3.98	101	116	.00	.00	13	12	911	.0	5
7525.0	22:15	4.04	102	116	.00	.00	13	12	908	.0	4
7530.0	22:19	3.95	102	116	.00	.00	13	12	908	.0	5
7535.0	22:23	3.92	102	117	.00	.00	13	12	911	.0	5
7540.0	22:28	4.06	103	117	.00	.00	13	12	913	.0	5
7545.0	22:32	3.95	103	118	.00	.00	13	12	913	.0	5
7550.0	22:43	4.00	103	117	.00	.00	13	12	918	.0	5
7555.0	22:48	4.06	103	117	.00	.00	13	12	923	.0	5
7560.0	7:57	3.99	96	108	.00	.00	13	12	907	.0	5
	570										
7565.0	8:10	3.85	92	102	.00	.00	13	12	887	.0	5
7570.0	8:22	3.87	92	102	.00	.00	13	12	883	.0	5
7575.0	8:37	3.87	92	103	.00	.00	13	12	880	.0	5
7580.0	9: 8	3.87	93	103	.00	.00	13	12	889	.0	5
7585.0	9:21	3.80	93	103	.00	.00	13	12	880	.0	5
7590.0	9:31	3.89	94	102	.00	.00	13	12	882	.0	5
7595.0	9:41	3.84	94	104	.00	.00	13	12	886	.0	5
7600.0	9:51	3.88	95	105	.00	.00	13	12	875	.0	5
7605.0	10: 1	3.87	96	106	.00	.00	13	12	867	.0	5
7610.0	10:50	3.85	96	106	.00	.00	13	12	873	.0	5
	620										
7615.0	11: 0	3.84	94	104	.00	.00	13	12	882	.0	5
7620.0	11:11	3.82	94	107	.00	.00	13	12	888	.0	5
7625.0	11:21	3.79	94	107	.00	.00	13	12	888	.0	5
7630.0	11:31	3.83	96	108	.00	.00	13	12	885	.0	5
7635.0	11:43	3.85	97	108	.00	.00	13	12	884	.0	5
7640.0	12:10	3.87	98	108	.00	.00	13	12	880	.0	5
7645.0	12:23	3.85	98	110	.00	.00	13	12	879	.0	4
7650.0	12:39	3.81	98	111	.00	.00	13	12	907	.0	5
7655.0	12:54	3.80	100	113	.00	.00	13	12	904	.0	5
7660.0	13:11	3.85	102	114	.00	.00	13	12	903	.0	5
	669										
7665.0	13:28	3.83	102	113	.00	.00	13	12	900	.0	5
7670.0	13:53	3.81	102	113	.00	.00	13	12	900	.0	5
7675.0	14: 6	3.70	101	113	.00	.00	13	12	905	.0	5
7680.0	14:17	3.88	102	114	.00	.00	13	12	930	.0	5
7685.0	14:30	3.90	103	114	.00	.00	13	12	931	.0	5
7690.0	14:46	3.91	104	114	.00	.00	13	12	934	.0	5
7695.0	15: 5	3.95	105	114	.00	.00	13	12	928	.0	5
7700.0	15:17	3.80	105	116	.00	.00	13	12	931	.0	4
7705.0	15:39	3.87	104	115	.00	.00	13	12	927	.0	5
7710.0	15:53	3.98	104	115	.00	.00	13	12	640	.0	5
	718										
7715.0	16:10	3.96	103	115	.00	.00	13	12	873	.0	5
7720.0	16:25	3.95	103	114	.00	.00	13	12	944	.0	5
7725.0	16:39	3.92	104	116	.00	.00	13	12	947	.0	5
7730.0	16:55	3.96	105	116	.00	.00	13	12	943	.0	5
7735.0	17:30	3.77	104	103	.00	.00	13	12	887	.0	4
7740.0	17:50	4.02	102	117	.00	.00	13	12	875	.0	5
7745.0	18: 8	3.95	104	115	.00	.00	13	12	945	.0	5
7750.0	18:25	3.97	104	115	.00	.00	13	12	946	.0	5
7755.0	18:41	3.99	104	115	.00	.00	13	12	955	.0	5
7760.0	18:59	4.05	104	116	.00	.00	13	12	958	.0	5
	767										

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
767											
7765.0	19:16	4.05	105	116	.00	.00	13	12	956	.0	5
7770.0	19:36	4.03	104	116	.00	.00	13	12	954	.0	5
7775.0	19:48	3.99	105	116	.00	.00	13	12	955	.0	5
7780.0	20: 3	4.03	106	117	.00	.00	13	12	957	.0	5
7785.0	20:18	3.99	107	118	.00	.00	13	12	959	.0	5
7790.0	20:33	3.99	107	119	.00	.00	13	12	959	.0	5
7795.0	20:46	3.95	108	119	.00	.00	13	12	959	.0	5
7800.0	21: 9	4.03	107	119	.00	.00	13	12	929	.0	5
7805.0	21:25	4.06	107	117	.00	.00	13	12	918	.0	5
7810.0	21:37	3.91	107	120	.00	.00	13	12	928	.0	5
817											
7815.0	21:48	3.91	108	120	.00	.00	13	12	944	.0	5
7820.0	22: 2	3.95	108	119	.00	.00	13	12	943	.0	5
7825.0	22:15	3.99	108	119	.00	.00	13	12	945	.0	5
7830.0	22:31	3.92	107	120	.00	.00	13	12	916	.0	4
7835.0	22:43	3.94	107	120	.00	.00	13	12	945	.0	5
7840.0	22:58	4.07	109	119	.00	.00	13	12	935	.0	5
7845.0	23: 6	3.72	109	119	.00	.00	13	12	933	.0	5
7850.0	23:12	3.72	109	120	.00	.00	13	12	935	.0	4
7851.0	23:13	3.24	109	121	.00	.00	13	12	932	.0	1
NEW BIT ID: -1 CORE # 1											
7855.0	19:11	3.91	100	112	.00	.00	13	16	300	.0	4
864											
7860.0	19:34	3.74	98	110	.00	.00	13	16	318	.0	5
7865.0	19:51	3.62	97	110	.00	.00	13	16	254	.0	5
7870.0	20: 7	3.72	97	109	.00	.00	13	16	268	.0	5
7875.0	20:14	3.28	96	109	.00	.00	13	16	278	.0	5
7880.0	20:46	3.70	96	109	.00	.00	13	16	280	.0	5
7885.0	21:30	4.00	97	110	.00	.00	13	16	312	.0	5
7888.0	21:58	4.20	98	110	.00	.00	13	16	309	.0	3
NEW BIT ID: -2 CORE # 2											
7890.0	0:54	3.72	103	112	.00	.00	13	16	310	.0	2
7895.0	1: 9	3.72	103	112	.00	.00	13	16	317	.0	5
7900.0	8:27	3.75	101	113	.00	.00	13	16	274	.0	5
913											
7905.0	9: 8	4.17	101	112	.00	.00	13	16	269	.0	5
7910.0	9:21	3.64	100	113	.00	.00	13	16	322	.0	5
7915.0	9:32	3.38	100	113	.00	.00	13	16	317	.0	5
7920.0	9:43	3.62	100	113	.00	.00	13	16	320	.0	5
7925.0	9:53	3.50	100	113	.00	.00	13	16	312	.0	5
7929.0	10: 0	3.53	100	113	.00	.00	13	16	315	.0	4
NEW BIT ID: -3 CORE # 3											
7930.0	19:15	3.63	100	113	.00	.00	13	12	312	.0	1
7935.0	19:25	3.63	99	112	.00	.00	13	12	325	.0	5
7940.0	19:41	3.74	97	111	.00	.00	13	12	317	.0	5
7945.0	19:54	3.69	98	110	.00	.00	13	12	321	.0	5
962											
7950.0	20:15	3.85	98	109	.00	.00	13	12	317	.0	5

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDDV	RECDS
	967										
7955.0	20:32	3.81	98	110	.00	.00	13	12	318	.0	5
7960.0	20:56	3.94	98	111	.00	.00	13	12	315	.0	5
7965.0	21:36	4.20	100	112	.00	.00	13	12	312	.0	5
7970.0	22:14	4.13	101	114	.00	.00	13	12	310	.0	5
7974.0	22:49	4.24	101	114	.00	.00	13	12	308	.0	4
				NEW BIT ID: 6							
7975.0	36:24	3.15	82	97	.00	.00	13	12	514	.0	1
7980.0	36:24	3.61	83	98	.00	.00	13	12	503	.0	3
7985.0	7:30	3.66	84	99	.00	.00	13	12	503	.0	5
7990.0	7:31	3.87	85	100	.00	.00	13	12	503	.0	1
7995.0	36:24	3.12	88	103	.00	.00	13	12	503	.0	1
	1006										
8000.0	36:24	3.15	88	103	.00	.00	13	12	502	.0	1
8005.0	7:41	3.39	88	104	.00	.00	13	12	502	.0	4
8010.0	7:51	3.44	89	104	.00	.00	13	12	499	.0	5
8015.0	7:54	3.51	89	105	.00	.00	13	12	495	.0	5
8020.0	7:58	3.50	87	105	.00	.00	13	12	496	.0	5
8025.0	8: 1	3.37	87	105	.00	.00	13	12	498	.0	2
8030.0	8: 5	3.51	88	106	.00	.00	13	12	498	.0	5
8035.0	8: 9	3.62	89	106	.00	.00	13	12	496	.0	5
8040.0	8:20	3.63	90	106	.00	.00	13	12	500	.0	5
8045.0	8:23	3.47	92	105	.00	.00	13	12	504	.0	5
	1048										
8050.0	8:26	3.39	93	106	.00	.00	13	12	503	.0	5
8055.0	8:29	3.34	93	107	.00	.00	13	12	503	.0	5
8060.0	8:32	3.37	94	107	.00	.00	13	12	503	.0	5
8065.0	8:36	3.56	94	107	.00	.00	13	12	504	.0	5
8070.0	8:46	3.66	95	107	.00	.00	13	12	503	.0	5
8075.0	8:50	3.68	94	108	.00	.00	13	12	502	.0	5
8080.0	8:56	3.71	95	108	.00	.00	13	12	506	.0	5
8085.0	9: 1	3.66	95	108	.00	.00	13	12	511	.0	5
8090.0	9: 6	3.70	96	108	.00	.00	13	12	511	.0	5
8095.0	9:11	3.74	96	108	.00	.00	13	12	509	.0	5
	1098										
8100.0	9:27	3.72	96	109	.00	.00	13	12	491	.0	5
8105.0	9:34	3.73	96	105	.00	.00	13	12	498	.0	5
8110.0	9:39	3.68	95	103	.00	.00	13	12	500	.0	5
8115.0	9:45	3.72	94	103	.00	.00	13	12	501	.0	5
8120.0	9:50	3.57	94	103	.00	.00	13	12	501	.0	4
8125.0	9:55	3.68	94	102	.00	.00	15	15	495	.0	5
8130.0	10: 2	3.72	93	101	.00	.00	15	15	495	.0	5
8135.0	10:10	3.48	93	102	.00	.00	15	15	495	.0	3
8140.0	10:16	3.74	93	101	.00	.00	15	15	495	.0	5
8145.0	10:21	3.65	92	103	.00	.00	15	15	495	.0	5
	1145										
8150.0	10:27	3.67	93	102	.00	.00	15	15	495	.0	5
8155.0	10:32	3.63	93	102	.00	.00	15	15	495	.0	5
8160.0	10:36	3.59	93	102	.00	.00	15	15	495	.0	5
8165.0	10:47	3.61	93	103	.00	.00	15	15	495	.0	5
8170.0	10:53	3.80	93	107	.00	.00	15	15	489	.0	5
8175.0	10:59	3.74	94	109	.00	.00	15	15	496	.0	5
8180.0	11: 5	3.79	94	111	.00	.00	15	15	496	.0	5

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDDV	
	1180									RECDS	
8185.0	11:13	3.83	95	112	.00	.00	15	15	497	.0	5
8190.0	11:18	3.75	97	111	.00	.00	15	15	497	.0	5
8195.0	11:23	3.73	97	110	.00	.00	15	15	497	.0	4

DUMP C

DEPTH	-	Well depth in feet
STEP	-	Depth increment in feet
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						
805.0	.0	.0	3	142	139	0	110.7	88.0	1695	0	364
810.0	5.0	.0	2	142	140	0	110.6	89.1	1697	0	369
815.0	5.0	.0	3	142	139	0	111.6	88.8	1707	0	374
820.0	5.0	.0	2	142	140	0	112.9	89.9	1709	0	378
900.0	80.0	.4	5	149	140	0	110.1	89.1	1688	0	438
930.0	30.0	.4	2	144	142	0	107.4	88.9	1631	0	440
940.0	10.0	.5	6	146	140	0	108.1	87.6	1626	0	447
955.0	15.0	.5	5	146	141	0	107.6	86.9	1633	0	451
960.0	5.0	.5	3	145	142	0	107.5	86.0	1645	0	454
975.0	15.0	.5	4	145	141	0	109.5	87.4	1672	0	466
	85										
980.0	5.0	.6	5	145	142	0	109.7	87.0	1676	0	470
990.0	10.0	.6	4	146	144	0	109.3	84.8	1638	0	468
1000.0	10.0	.6	5	147	142	0	109.6	83.4	1621	0	472
1015.0	15.0	.7	5	147	143	0	109.5	83.9	1629	0	476
1035.0	20.0	.7	6	148	142	0	109.3	85.9	1650	0	485
1040.0	5.0	.7	6	148	142	0	108.6	88.3	1661	0	493
1045.0	5.0	.8	8	148	140	0	109.6	89.4	1670	0	495
1050.0	5.0	.8	7	148	141	0	108.3	87.3	1671	0	499
1055.0	5.0	.8	9	148	139	0	108.4	87.8	1671	0	501
1070.0	15.0	.8	5	148	143	0	109.3	95.7	1803	0	504
	108										
1085.0	15.0	.9	6	148	142	0	109.6	95.4	1819	0	512
1090.0	5.0	.9	6	149	143	0	110.4	91.4	1779	0	512
1100.0	10.0	.9	6	149	143	0	113.5	88.7	1758	0	513
1110.0	10.0	1.0	9	149	140	0	113.0	88.0	1760	0	520
1115.0	5.0	1.0	10	149	139	0	112.8	89.0	1759	0	523
1120.0	5.0	1.0	6	147	142	0	112.5	91.2	1813	0	523
1125.0	5.0	1.0	6	148	141	0	110.9	98.8	1925	0	528
1135.0	10.0	1.1	8	150	142	0	110.1	101.1	1920	0	533
1140.0	5.0	1.1	10	150	140	0	106.0	101.5	1875	0	535
1150.0	10.0	1.1	9	75	72	0	103.7	106.5	2073	0	532
	138										
1170.0	20.0	1.2	9	0	0	0	102.0	106.0	2203	0	541
1180.0	10.0	1.3	8	50	48	0	102.1	107.2	2127	0	550
1185.0	5.0	1.3	7	150	143	0	94.7	118.2	1952	0	546
1210.0	25.0	1.3	6	150	144	0	102.5	111.6	1990	0	555
1215.0	5.0	1.4	15	152	137	0	99.9	120.9	2117	0	573
1220.0	5.0	1.4	12	152	140	0	99.8	121.0	2124	0	576
1230.0	10.0	1.4	11	152	141	0	100.2	116.9	2039	0	582
1240.0	10.0	1.4	11	152	141	0	101.3	115.4	2059	0	592
1250.0	10.0	1.5	10	152	142	0	102.6	113.3	2060	0	595
1260.0	10.0	1.5	9	152	143	0	104.6	115.7	2125	0	601
	167										
1270.0	10.0	1.5	9	152	143	0	104.0	112.0	2078	0	604
1280.0	10.0	1.6	12	152	140	0	100.0	112.4	2026	0	606
1290.0	10.0	1.6	10	152	142	0	103.1	112.2	2085	0	613
1295.0	5.0	1.6	10	152	142	0	104.5	112.7	2104	0	617
1300.0	5.0	1.6	10	152	143	0	105.3	112.7	2104	0	615
1310.0	10.0	1.7	13	152	139	0	105.2	111.5	2100	0	605
1320.0	10.0	1.7	15	152	137	0	105.6	114.4	2166	0	615

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
195											
1325.0	5.0	1.7	11	152	141	0	105.5	115.1	2166	0	624
1330.0	5.0	1.7	13	152	145	0	105.7	114.7	2170	0	627
1340.0	10.0	1.8	13	152	140	0	104.5	113.9	2148	0	636
1350.0	10.0	1.8	13	152	139	0	103.8	114.1	2159	0	641
1360.0	10.0	1.8	13	152	139	0	103.5	115.4	2182	0	652
1365.0	5.0	1.8	11	152	142	0	103.9	114.9	2170	0	653
1370.0	5.0	1.9	12	150	139	0	103.4	113.0	2133	0	651
1375.0	5.0	1.9	11	150	140	0	103.2	113.8	2135	0	655
1380.0	5.0	1.9	13	150	137	0	103.2	113.3	2140	0	659
1390.0	10.0	1.9	13	150	141	0	103.2	112.9	2143	0	665
221											
1395.0	5.0	1.9	13	150	140	0	103.1	113.3	2136	0	668
1400.0	5.0	2.0	13	151	142	0	102.5	113.0	2147	0	666
1405.0	5.0	2.0	13	152	139	0	104.6	114.8	2181	0	668
1410.0	5.0	2.0	13	152	139	0	103.7	114.8	2188	.0	673
1420.0	10.0	2.0	12	152	140	0	104.2	114.9	2204	0	678
1430.0	10.0	2.0	15	152	137	0	104.1	114.1	2208	0	686
1435.0	5.0	2.1	11	151	140	0	103.3	115.2	2192	0	684
1440.0	5.0	2.1	13	150	137	0	102.3	114.8	2181	0	685
1450.0	10.0	2.1	8	150	142	0	102.7	114.5	2179	0	694
1460.0	10.0	2.1	12	150	138	0	103.3	114.6	2177	0	700
249											
1470.0	10.0	2.2	9	150	141	0	103.6	115.7	2167	0	695
1475.0	5.0	2.2	7	150	143	0	103.7	116.7	2163	0	700
1480.0	5.0	2.2	7	150	142	0	103.4	115.8	2154	0	707
1485.0	5.0	2.3	8	150	142	0	103.7	115.9	2145	0	708
1490.0	5.0	2.3	8	150	142	0	103.9	115.3	2151	0	711
1495.0	5.0	2.3	7	150	144	0	105.6	113.9	2163	0	710
1500.0	5.0	2.3	8	151	143	0	105.7	111.6	2169	0	713
1505.0	5.0	2.3	7	151	144	0	106.6	112.5	2156	0	714
1510.0	5.0	2.4	7	151	144	0	107.4	112.6	2171	0	717
1515.0	5.0	2.4	9	151	142	0	106.6	112.7	2178	0	721
275											
1520.0	5.0	2.4	11	151	140	0	106.8	112.3	2173	0	724
1525.0	5.0	2.4	11	152	140	0	106.0	112.9	2163	0	719
1530.0	5.0	2.4	10	152	142	0	106.0	112.8	2160	0	723
1535.0	5.0	2.4	10	152	142	0	105.8	109.6	2088	0	701
1540.0	5.0	2.5	9	152	144	0	105.6	109.4	2087	0	705
1550.0	10.0	2.5	11	152	141	0	105.1	109.8	2091	0	715
1560.0	10.0	2.6	11	153	145	0	107.4	109.6	2124	0	726
1565.0	5.0	2.6	12	153	145	0	107.6	108.7	2126	0	731
1570.0	5.0	2.6	10	153	143	0	107.3	108.6	2123	0	735
1575.0	5.0	2.6	10	153	147	0	107.6	108.5	2121	0	741
304											
1580.0	5.0	2.6	11	153	145	0	106.0	108.1	2085	0	742
1585.0	5.0	2.7	12	153	142	0	106.6	108.9	2088	0	755
1590.0	5.0	2.7	12	153	144	0	103.3	109.4	2068	0	747
1595.0	5.0	2.7	10	153	144	0	103.4	110.3	2063	0	753
1600.0	5.0	2.7	11	153	141	0	103.1	110.1	2067	0	751
1605.0	5.0	2.7	12	153	140	0	103.0	109.7	2069	0	757
1610.0	5.0	2.8	9	153	144	0	104.0	110.9	2065	0	761
1615.0	5.0	2.8	10	153	143	0	103.9	110.4	2072	0	767
1620.0	5.0	2.8	10	155	147	0	93.1	107.7	2022	0	762
1630.0	10.0	2.9	10	156	146	0	108.3	105.6	2068	0	765
336											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	336										
1635.0	5.0	2.9	11	156	144	0	104.8	106.1	2028	0	767
1640.0	5.0	2.9	11	156	145	0	105.0	105.5	2022	0	768
1645.0	5.0	3.0	13	156	143	0	104.4	105.2	2021	0	769
1650.0	5.0	3.0	15	156	141	0	104.4	104.7	2021	0	770
1660.0	10.0	3.0	11	154	143	0	104.0	108.8	2074	0	775
1665.0	5.0	3.1	11	156	144	0	106.8	107.1	2071	0	778
1670.0	5.0	3.1	12	156	144	0	106.9	107.1	2071	0	781
1675.0	5.0	3.1	12	156	144	0	106.8	107.5	2067	0	781
1680.0	5.0	3.2	14	156	142	0	106.6	107.4	2073	0	786
1685.0	5.0	3.2	13	156	144	0	107.2	109.5	2123	0	788
	372										
1690.0	5.0	3.2	14	156	141	0	107.2	114.3	2213	0	792
1695.0	5.0	3.3	14	156	142	0	107.2	104.3	2046	0	794
1700.0	5.0	3.3	15	156	141	0	106.9	105.4	2049	0	796
1705.0	5.0	3.3	13	156	143	0	106.8	104.8	2050	0	802
1710.0	5.0	3.4	16	156	140	0	106.8	105.0	2045	0	803
1720.0	10.0	3.4	13	155	142	0	106.2	106.8	2060	0	811
1725.0	5.0	3.4	16	155	139	0	105.3	108.0	2073	0	812
1730.0	5.0	3.4	14	155	141	0	105.1	107.7	2072	0	815
1740.0	10.0	3.5	13	155	142	0	104.6	107.2	2070	0	819
1750.0	10.0	3.5	13	155	142	0	105.5	106.7	2072	0	826
	404										
1760.0	10.0	3.6	13	155	142	0	108.7	104.6	2089	0	832
1765.0	5.0	3.6	14	155	141	0	108.5	105.2	2090	0	838
1770.0	5.0	3.6	15	155	140	0	108.5	105.3	2095	0	847
1780.0	10.0	3.6	14	155	141	0	108.8	105.3	2103	0	846
1785.0	5.0	3.7	15	155	140	0	106.0	109.8	2135	0	841
1790.0	5.0	3.7	14	155	141	0	106.7	107.0	2102	0	847
1795.0	5.0	3.7	15	155	140	0	105.6	105.2	2097	0	853
1800.0	5.0	3.7	12	155	143	0	106.9	106.3	2100	0	863
1810.0	10.0	3.8	15	154	142	0	106.0	109.2	2130	0	848
1815.0	5.0	3.8	13	155	142	0	105.5	107.3	2087	0	857
	439										
1820.0	5.0	3.8	12	155	143	0	105.6	104.6	2062	0	865
1825.0	5.0	3.8	13	155	142	0	105.4	105.3	2057	0	869
1830.0	5.0	3.8	12	155	143	0	105.9	105.4	2055	0	862
1835.0	5.0	3.9	19	155	136	0	105.4	105.5	2058	0	878
1840.0	5.0	3.9	18	156	138	0	104.5	108.4	2102	0	865
1845.0	5.0	3.9	21	157	136	0	105.0	110.9	2146	0	864
1850.0	5.0	3.9	16	157	141	0	105.9	110.9	2149	0	872
1860.0	10.0	4.0	16	157	141	0	105.5	110.5	2156	0	878
1870.0	10.0	4.0	18	157	138	0	105.6	110.0	2150	0	880
1880.0	10.0	4.0	20	156	136	0	105.8	105.1	2104	0	899
	468										
1885.0	5.0	4.0	17	156	139	0	105.9	105.8	2099	0	903
1890.0	5.0	4.0	17	156	139	0	106.6	105.3	2107	0	912
1900.0	10.0	4.1	19	156	137	0	104.8	104.0	2117	0	918
1910.0	10.0	4.1	18	157	139	0	103.2	107.5	2111	0	916
1915.0	5.0	4.1	16	157	141	0	101.2	108.6	2116	0	924
1920.0	5.0	4.1	19	157	138	0	101.0	109.2	2119	0	926
1925.0	5.0	4.1	19	157	138	0	101.3	108.7	2122	0	954
1930.0	5.0	4.1	18	157	139	0	100.6	108.6	2120	0	946
1935.0	5.0	4.2	20	157	135	0	104.1	106.8	2146	0	928
1940.0	5.0	4.2	21	157	136	0	104.9	104.5	2118	0	932
	491										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
491											
1950.0	10.0	4.2	23	157	134	0	106.2	104.8	2110	0	941
1960.0	10.0	4.2	19	157	138	0	105.4	104.7	2090	0	945
1965.0	5.0	4.3	19	159	140	0	106.1	106.1	2134	0	951
1970.0	5.0	4.3	22	159	137	0	106.6	107.3	2143	0	952
1980.0	10.0	4.3	21	159	138	0	106.8	103.8	2079	0	942
1985.0	5.0	4.4	23	159	136	0	107.2	102.4	2059	0	943
1990.0	5.0	4.4	22	159	137	0	107.5	102.6	2061	0	950
2000.0	10.0	4.4	22	159	137	0	106.4	105.0	2097	0	943
2005.0	5.0	4.5	19	159	140	0	106.3	107.8	2134	0	948
2010.0	5.0	4.5	21	159	138	0	106.3	106.2	2134	0	950
528											
2020.0	10.0	4.5	23	159	136	0	105.8	107.2	2137	0	952
2030.0	10.0	4.6	23	159	136	0	105.1	104.0	2083	0	959
2035.0	5.0	4.6	19	159	140	0	105.1	101.1	2059	0	969
2040.0	5.0	4.6	19	159	140	0	108.0	101.1	2087	0	977
2050.0	10.0	4.6	18	159	141	0	108.0	100.6	2092	0	977
2060.0	10.0	4.7	21	159	138	0	108.1	100.8	2097	0	977
2070.0	10.0	4.7	20	160	139	0	108.3	102.7	2106	0	987
2075.0	5.0	4.8	22	160	138	0	108.4	102.7	2110	0	987
2080.0	5.0	4.8	22	160	138	0	108.7	102.9	2112	0	990
2090.0	10.0	4.8	22	160	138	0	109.1	104.0	2133	0	982
567											
2095.0	5.0	4.9	23	160	137	0	106.5	104.9	2097	0	987
2100.0	5.0	4.9	22	160	138	0	105.5	104.4	2093	0	986
2110.0	10.0	4.9	21	160	139	0	106.9	104.6	2091	0	989
2115.0	5.0	4.9	21	160	139	0	106.7	105.2	2089	0	991
2120.0	5.0	5.0	19	160	141	0	106.8	103.3	2087	0	984
2125.0	5.0	5.0	22	160	138	0	106.1	105.0	2089	0	996
2130.0	5.0	5.0	21	160	139	0	104.0	106.1	2092	0	993
2140.0	10.0	5.1	21	160	139	0	104.8	105.8	2100	0	990
2145.0	5.0	5.1	21	160	139	0	105.1	106.3	2111	0	998
2160.0	15.0	5.1	20	160	140	0	105.7	104.3	2114	0	1010
598											
2165.0	5.0	5.1	21	160	139	0	107.2	104.2	2117	0	1015
2170.0	5.0	5.2	21	160	139	0	106.5	103.6	2115	0	1019
2180.0	10.0	5.2	19	160	141	0	107.0	102.9	2119	0	1038
2190.0	10.0	5.2	16	159	143	0	106.5	103.6	2127	0	1048
2200.0	10.0	5.3	18	159	141	0	105.4	102.5	2077	0	1037
2210.0	10.0	5.3	17	159	142	0	105.2	101.8	2077	0	1056
2220.0	10.0	5.3	17	160	143	0	106.7	101.5	2093	0	1040
2225.0	5.0	5.3	21	160	139	0	107.5	102.2	2103	0	1044
2245.0	20.0	5.4	17	160	143	0	107.4	101.9	2099	0	1051
2250.0	5.0	5.4	20	160	140	0	108.2	102.2	2124	0	1063
627											
2260.0	10.0	5.4	17	160	143	0	108.4	102.4	2134	0	1069
2265.0	5.0	5.5	19	160	141	0	108.0	101.6	2135	0	1066
2270.0	5.0	5.5	20	160	140	0	107.7	102.1	2136	0	1121
2275.0	5.0	5.5	19	160	141	0	108.6	102.3	2134	0	1092
2280.0	5.0	5.5	24	163	138	0	110.7	104.1	2208	0	1090
2290.0	10.0	5.5	20	163	143	0	105.2	99.9	2049	0	1099
2300.0	10.0	5.6	21	163	143	0	105.6	99.5	2044	0	1098
2310.0	10.0	5.6	21	164	143	0	106.2	102.5	2114	0	1102
2315.0	5.0	5.6	21	164	142	0	107.2	104.2	2144	0	1107
2320.0	5.0	5.6	20	164	144	0	107.3	101.9	2114	0	1102
657											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
657											
2325.0	5.0	5.7	20	164	144	0	107.4	101.4	2120	0	1099
2330.0	5.0	5.7	23	164	141	0	107.5	101.5	2114	0	1118
2340.0	10.0	5.7	22	162	141	0	107.3	101.9	2119	0	1107
2345.0	5.0	5.8	19	160	141	0	106.6	103.1	2123	0	1109
2350.0	5.0	5.8	19	160	141	0	106.2	103.1	2122	0	1115
2355.0	5.0	5.8	20	160	140	0	107.6	103.0	2126	0	1111
2360.0	5.0	5.9	17	160	143	0	108.2	102.5	2133	0	1107
2365.0	5.0	5.9	18	160	142	0	108.4	102.7	2135	0	1109
2370.0	5.0	5.9	19	160	141	0	108.7	102.7	2143	0	1113
2375.0	5.0	5.9	21	167	146	0	130.0	.0	951	0	1132
693											
2380.0	5.0	6.0	21	167	145	0	124.8	.0	896	0	1129
2385.0	5.0	6.0	21	167	146	0	124.6	.0	896	0	1125
2390.0	5.0	6.1	22	167	145	0	124.6	.0	894	0	1134
2395.0	5.0	6.1	23	167	144	0	124.6	.0	900	0	1137
2400.0	5.0	6.2	21	167	146	0	124.4	.0	900	0	1141
2405.0	5.0	6.2	24	167	143	0	126.0	.0	929	0	1147
2410.0	5.0	6.3	21	167	146	0	127.4	.1	935	0	1146
2415.0	5.0	6.3	22	167	145	0	127.6	.1	941	0	1146
2420.0	5.0	6.4	21	167	146	0	127.5	.0	887	0	1145
2425.0	5.0	6.5	21	167	146	0	56.4	77.7	733	0	1144
732											
2430.0	5.0	6.5	17	167	150	0	48.0	125.1	928	0	1146
2435.0	5.0	6.6	14	162	150	0	.0	124.8	919	0	1145
2440.0	5.0	6.6	12	162	151	0	.0	123.9	913	0	1146
2450.0	10.0	6.7	13	162	151	0	.0	124.2	913	0	1152
2455.0	5.0	6.7	20	162	142	0	98.4	103.3	2103	0	1161
2460.0	5.0	6.8	22	162	140	0	105.8	102.2	2146	0	1154
2465.0	5.0	6.8	23	164	140	0	105.9	102.7	2159	0	1166
2470.0	5.0	6.9	27	167	140	0	105.9	106.2	2228	0	1163
2480.0	10.0	6.9	28	167	139	0	107.3	105.6	2194	0	1165
2485.0	5.0	7.0	28	167	139	0	107.6	104.7	2184	0	1168
773											
2490.0	5.0	7.0	27	167	140	0	108.5	105.1	2191	0	1165
2500.0	10.0	7.0	24	168	143	0	107.2	103.0	2153	0	1170
2505.0	5.0	7.1	26	168	142	0	106.9	103.5	2164	0	1175
2510.0	5.0	7.1	27	168	141	0	107.3	103.7	2159	0	1182
2520.0	10.0	7.2	27	168	141	0	106.7	103.5	2156	0	1180
2525.0	5.0	7.3	28	168	140	0	107.0	103.6	2159	0	1186
2530.0	5.0	7.3	25	166	141	0	104.4	105.3	2148	0	1179
2535.0	5.0	7.4	23	165	142	0	104.0	100.9	2072	0	1179
2540.0	5.0	7.4	26	165	139	0	104.2	100.2	2043	0	1188
2545.0	5.0	7.4	28	165	137	0	103.6	100.8	2034	0	1188
820											
2550.0	5.0	7.5	29	165	136	0	103.4	101.0	2033	0	1191
2555.0	5.0	7.5	28	165	137	0	103.1	100.4	2033	0	1192
2560.0	5.0	7.6	28	165	137	0	106.4	104.4	2160	0	1195
2565.0	5.0	7.6	28	165	137	0	106.5	104.7	2175	0	1202
2570.0	5.0	7.6	28	165	137	0	107.2	102.5	2140	0	1198
2580.0	10.0	7.7	28	165	137	0	107.3	102.5	2142	0	1199
2585.0	5.0	7.7	28	165	137	0	108.8	100.9	2145	0	1211
2590.0	5.0	7.8	26	167	140	0	113.8	96.4	2156	0	1215
2595.0	5.0	7.8	30	169	138	0	114.4	95.4	2162	0	1213
2600.0	5.0	7.9	29	169	139	0	114.9	95.7	2170	0	1218
864											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	864										
2605.0	5.0	7.9	32	169	137	0	114.6	95.6	2170	0	1226
2610.0	5.0	7.9	31	169	138	0	114.9	95.5	2167	0	1212
2615.0	5.0	8.0	31	169	138	0	114.6	95.8	2172	0	1223
2620.0	5.0	8.0	29	169	139	0	115.2	95.8	2171	0	1224
2625.0	5.0	8.1	33	173	140	0	113.8	96.5	2169	0	1228
2630.0	5.0	8.1	35	173	138	0	114.0	97.7	2182	0	1230
2635.0	5.0	8.1	34	173	139	0	114.3	98.0	2191	0	1232
2640.0	5.0	8.1	34	173	139	0	114.2	98.9	2207	0	1234
2645.0	5.0	8.2	35	173	138	0	114.3	101.4	2235	0	1234
2655.0	10.0	8.2	34	173	139	0	103.9	106.7	2187	0	1260
	906										
2660.0	5.0	8.2	35	173	138	0	104.3	105.6	2166	0	1259
2665.0	5.0	8.3	35	173	138	0	104.8	104.0	2145	0	1256
2670.0	5.0	8.3	36	174	138	0	104.5	104.3	2154	0	1254
2680.0	10.0	8.4	39	176	137	0	104.9	104.3	2169	0	1255
2685.0	5.0	8.4	37	176	139	0	106.4	105.1	2207	0	1242
2690.0	5.0	8.5	37	176	139	0	103.2	104.5	2152	0	1245
2695.0	5.0	8.5	37	176	139	0	103.6	104.2	2155	0	1265
2700.0	5.0	8.6	38	176	138	0	102.9	104.6	2140	0	1260
2705.0	5.0	8.6	38	176	138	0	103.0	104.1	2140	0	1255
2710.0	5.0	8.7	38	176	138	0	103.0	104.4	2139	0	1257
	951										
2720.0	10.0	8.8	37	176	139	0	107.5	106.0	2235	0	1246
2725.0	5.0	8.9	37	176	139	0	108.9	105.8	2274	0	1243
2730.0	5.0	8.9	36	176	140	0	109.6	106.3	2283	0	1245
2735.0	5.0	8.9	37	176	139	0	109.3	106.4	2280	0	1248
2740.0	5.0	8.9	36	176	140	0	106.6	107.1	2244	0	1252
2750.0	10.0	9.0	30	169	141	0	104.0	107.6	2218	0	1268
2755.0	5.0	9.0	26	168	141	0	103.2	107.4	2206	0	1278
2760.0	5.0	9.1	28	168	139	0	103.7	107.1	2203	0	1281
2765.0	5.0	9.1	27	168	141	0	103.7	107.4	2216	0	1287
2770.0	5.0	9.1	26	168	142	0	103.8	107.4	2217	0	1287
	996										
2775.0	5.0	9.2	26	168	141	0	103.9	107.8	2229	0	1293
2780.0	5.0	9.2	27	168	141	0	104.3	106.9	2227	0	1307
2785.0	5.0	9.2	28	168	140	0	105.1	104.1	2206	0	1309
2790.0	5.0	9.2	27	168	141	0	105.4	104.3	2195	0	1304
2795.0	5.0	9.3	27	168	141	0	104.9	104.4	2197	0	1309
2800.0	5.0	9.3	27	168	141	0	105.1	104.3	2192	0	1309
2805.0	5.0	9.3	27	168	141	0	104.9	104.1	2196	0	1316
2810.0	5.0	9.4	25	170	152	0	103.2	105.6	2201	0	1307
2815.0	5.0	9.4	27	170	143	0	99.6	108.8	2198	0	1291
2820.0	5.0	9.4	30	170	141	0	102.4	108.5	2231	0	1294
	1033										
2825.0	5.0	9.4	29	170	141	0	106.3	106.1	2260	0	1299
2830.0	5.0	9.5	29	170	142	0	106.3	105.8	2270	0	1304
2835.0	5.0	9.5	30	170	140	0	106.0	106.2	2285	0	1309
2840.0	5.0	9.6	29	170	141	0	105.8	105.1	2295	0	1330
2845.0	5.0	9.6	27	170	143	0	105.2	105.5	2279	0	1337
2850.0	5.0	9.6	28	168	140	0	100.4	106.2	2246	0	1342
2855.0	5.0	9.7	27	168	141	0	101.0	106.3	2258	0	1343
2860.0	5.0	9.7	26	168	142	0	101.0	106.6	2260	0	1349
2865.0	5.0	9.7	26	168	142	0	101.1	106.6	2257	0	1354
2870.0	5.0	9.8	26	168	142	0	101.0	106.9	2248	0	1348
	1071										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1071											
2875.0	5.0	9.8	27	168	141	0	99.9	106.4	2241	0	1360
2880.0	5.0	9.9	28	171	143	0	104.6	105.0	2283	0	1355
2890.0	10.0	9.9	29	171	141	0	105.8	105.6	2311	0	1358
2895.0	5.0	10.0	29	171	141	0	105.7	106.0	2321	0	1361
2900.0	5.0	10.0	27	171	144	0	105.7	106.1	2327	0	1363
2920.0	20.0	.1	15	174	162	0	89.0	93.3	2318	0	1370
2930.0	10.0	.3	18	177	159	0	112.8	110.5	2687	0	1385
2940.0	10.0	.4	20	182	160	0	105.2	106.7	2632	0	1375
2945.0	5.0	.5	21	183	162	0	105.5	106.8	2627	0	1375
2950.0	5.0	.6	25	183	158	0	104.5	107.1	2630	0	1369
1115											
2955.0	5.0	.6	26	183	157	0	105.2	107.0	2633	0	1375
2960.0	5.0	.7	27	182	156	0	107.3	106.8	2672	0	1385
2965.0	5.0	.7	23	180	157	0	106.7	107.0	2672	0	1378
2970.0	5.0	.8	24	180	156	0	104.5	109.0	2650	0	1346
2975.0	5.0	.8	23	180	157	0	104.0	108.7	2654	0	1354
2980.0	5.0	.8	23	180	157	0	106.3	108.0	2689	0	1356
2985.0	5.0	.9	24	180	156	0	106.3	108.1	2688	0	1359
2990.0	5.0	.9	23	180	157	0	106.7	108.3	2686	0	1361
2995.0	5.0	1.0	24	180	156	0	106.7	108.0	2686	0	1365
3000.0	5.0	1.0	23	180	157	0	105.7	110.4	2717	0	1367
1159											
3005.0	5.0	1.0	25	180	155	0	105.5	108.0	2675	0	1372
3010.0	5.0	1.1	25	180	154	0	105.9	105.9	2642	0	1378
3015.0	5.0	1.1	25	180	155	0	105.6	106.2	2644	0	1382
3020.0	5.0	1.1	25	180	155	0	105.5	106.0	2645	0	1387
3025.0	5.0	1.2	26	180	154	0	105.6	106.5	2643	0	1393
3030.0	5.0	1.2	25	180	155	0	106.1	107.7	2702	0	1396
3035.0	5.0	1.2	25	180	155	0	106.5	109.2	2731	0	1398
3040.0	5.0	1.3	25	180	155	0	106.9	109.0	2732	0	1399
3045.0	5.0	1.3	24	180	156	0	106.5	109.5	2731	0	1400
3050.0	5.0	1.4	25	180	155	0	106.8	107.9	2704	0	1401
1203											
3055.0	5.0	1.4	24	180	156	0	107.0	106.8	2686	0	1403
3060.0	5.0	1.5	24	181	156	0	107.0	106.0	2700	0	1404
3065.0	5.0	1.5	25	181	156	0	105.7	107.5	2696	0	1407
3070.0	5.0	1.5	26	181	155	0	106.0	107.7	2697	0	1411
3075.0	5.0	1.5	26	181	155	0	105.0	107.3	2698	0	1416
3080.0	5.0	1.6	24	181	157	0	105.2	108.3	2697	0	1422
3085.0	5.0	1.6	25	181	156	0	105.2	107.8	2698	0	1425
3090.0	5.0	1.6	25	181	156	0	105.4	109.1	2725	0	1428
3095.0	5.0	1.7	27	181	154	0	109.0	103.3	2690	0	1431
3100.0	5.0	1.7	27	181	154	0	109.9	102.8	2707	0	1433
1246											
3105.0	5.0	1.7	27	181	154	0	105.8	106.9	2699	0	1435
3110.0	5.0	1.8	26	181	155	0	105.5	107.0	2697	0	1439
3115.0	5.0	1.8	27	181	154	0	105.6	107.2	2698	0	1442
3120.0	5.0	1.8	25	182	156	0	105.2	108.7	2693	0	1453
3130.0	10.0	1.9	27	182	155	0	109.0	103.5	2698	0	1456
3135.0	5.0	1.9	29	182	153	0	109.7	104.0	2699	0	1462
3140.0	5.0	1.9	27	182	155	0	109.6	103.9	2697	0	1465
3145.0	5.0	2.0	28	182	154	0	108.7	103.8	2696	0	1467
3150.0	5.0	2.0	28	182	154	0	108.5	104.1	2695	0	1470
3160.0	10.0	2.0	26	182	156	0	106.9	106.3	2711	0	1474
1289											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1289											
3165.0	5.0	2.1	28	182	154	0	107.2	105.8	2718	0	1479
3170.0	5.0	2.1	27	182	155	0	107.0	105.9	2716	0	1480
3175.0	5.0	2.1	26	182	156	0	107.1	106.0	2717	0	1483
3180.0	5.0	2.2	27	182	155	0	107.3	106.3	2714	0	1487
3185.0	5.0	2.2	26	182	156	0	107.2	106.1	2713	0	1489
3190.0	5.0	2.2	29	182	153	0	106.8	109.7	2772	0	1490
3195.0	5.0	2.3	27	182	155	0	106.4	108.9	2768	0	1492
3200.0	5.0	2.3	29	182	153	0	106.5	109.3	2760	0	1495
3205.0	5.0	2.3	28	182	154	0	106.2	109.0	2753	0	1498
3210.0	5.0	2.4	29	182	153	0	106.0	108.9	2751	0	1501
1331											
3215.0	5.0	2.4	29	182	153	0	106.4	108.5	2749	0	1506
3220.0	5.0	2.4	29	181	153	0	105.3	108.3	2729	0	1507
3225.0	5.0	2.4	29	182	153	0	105.8	108.1	2737	0	1509
3230.0	5.0	2.5	31	182	151	0	108.3	107.8	2786	0	1511
3240.0	10.0	2.5	35	182	147	0	107.9	107.7	2784	0	1517
3245.0	5.0	2.5	34	182	148	0	108.4	108.2	2782	0	1525
3250.0	5.0	2.6	32	181	149	0	106.4	108.9	2774	0	1535
3255.0	5.0	2.6	35	183	148	0	106.0	110.0	2785	0	1541
3260.0	5.0	2.6	37	183	146	0	106.1	110.1	2793	0	1546
3265.0	5.0	2.7	35	183	148	0	106.2	109.7	2791	0	1549
1369											
3270.0	5.0	2.7	36	183	147	0	106.1	109.5	2782	0	1552
3275.0	5.0	2.7	36	183	147	0	106.3	109.0	2777	0	1554
3280.0	5.0	2.7	35	183	148	0	106.8	108.8	2788	0	1555
3285.0	5.0	2.7	36	183	147	0	107.6	109.4	2815	0	1556
3290.0	5.0	2.7	36	183	147	0	107.8	109.2	2812	0	1560
3295.0	5.0	2.8	36	184	147	0	107.3	109.2	2811	0	1563
3300.0	5.0	2.8	36	184	148	0	107.6	108.8	2810	0	1565
3305.0	5.0	2.8	37	184	147	0	107.7	109.5	2817	0	1566
3310.0	5.0	2.8	37	184	147	0	107.2	108.7	2817	0	1562
3315.0	5.0	2.9	36	184	148	0	108.2	109.1	2827	0	1564
1389											
3320.0	5.0	2.9	36	184	148	0	108.2	109.7	2823	0	1566
3325.0	5.0	2.9	36	184	148	0	107.8	109.2	2826	0	1569
3330.0	5.0	3.0	35	184	149	0	107.6	110.0	2828	0	1569
3335.0	5.0	3.0	34	184	150	0	107.8	109.9	2834	0	1570
3340.0	5.0	3.0	35	184	149	0	107.8	110.3	2839	0	1572
3345.0	5.0	3.0	35	184	149	0	106.1	108.6	2764	0	1570
3350.0	5.0	3.1	35	184	149	0	104.9	108.2	2735	0	1574
3360.0	10.0	3.1	35	184	149	0	105.3	108.5	2742	0	1577
3365.0	5.0	3.1	36	184	148	0	105.5	108.5	2752	0	1582
3375.0	10.0	3.2	35	184	149	0	106.3	108.8	2771	0	1588
1429											
3380.0	5.0	3.2	35	184	149	0	106.8	109.7	2815	0	1594
3385.0	5.0	3.3	36	184	148	0	107.0	109.9	2826	0	1597
3390.0	5.0	3.3	37	185	148	0	106.7	110.0	2819	0	1596
3395.0	5.0	3.3	37	185	148	0	106.8	110.3	2826	0	1597
3400.0	5.0	3.4	38	185	147	0	107.2	110.2	2831	0	1600
3405.0	5.0	3.4	35	179	149	0	107.0	109.9	2833	0	1603
3410.0	5.0	3.4	37	186	149	0	106.8	110.6	2841	0	1604
3415.0	5.0	3.4	39	186	147	0	106.5	110.5	2836	0	1609
3420.0	5.0	3.5	39	186	147	0	106.9	107.2	2779	0	1614
3425.0	5.0	3.5	39	186	147	0	107.5	104.0	2731	0	1619
1458											

DEPTH	STEP	CHRS	WOB	HKLDN	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	1458										
3430.0	5.0	3.5	39	186	147	0	107.7	103.8	2727	0	1622
3435.0	5.0	3.5	36	184	149	0	107.4	104.8	2741	0	1624
3440.0	5.0	3.6	38	186	148	0	107.1	108.3	2828	0	1625
3445.0	5.0	3.6	39	186	147	0	107.3	108.4	2830	0	1630
3450.0	5.0	3.6	39	186	147	0	107.2	108.8	2839	0	1634
3455.0	5.0	3.6	39	186	147	0	107.0	108.7	2838	0	1637
3460.0	5.0	3.7	39	186	147	0	107.1	109.3	2843	0	1639
3465.0	5.0	3.7	39	186	147	0	107.4	109.2	2839	0	1641
3470.0	5.0	3.7	39	186	147	0	106.8	108.6	2824	0	1639
3475.0	5.0	3.7	38	186	148	0	107.2	107.7	2817	0	1643
	1490										
3480.0	5.0	3.8	38	186	148	0	107.2	105.6	2758	0	1648
3490.0	10.0	3.8	38	186	148	0	107.1	105.0	2751	0	1657
3495.0	5.0	3.8	38	186	148	0	106.7	103.8	2740	0	1659
3500.0	5.0	3.9	31	177	148	0	105.8	105.5	2751	0	1660
3505.0	5.0	3.9	30	182	148	0	105.2	106.9	2773	0	1662
3510.0	5.0	3.9	40	187	147	0	105.8	107.4	2780	0	1668
3515.0	5.0	3.9	40	187	147	0	105.8	108.1	2781	0	1672
3520.0	5.0	4.0	39	187	148	0	105.2	108.1	2789	0	1675
3530.0	10.0	4.0	39	185	148	0	105.2	107.9	2780	0	1678
3535.0	5.0	4.0	38	187	148	0	106.9	109.8	2882	0	1676
	1520										
3540.0	5.0	4.1	40	187	147	0	107.2	108.3	2857	0	1681
3545.0	5.0	4.1	39	187	148	0	106.1	106.8	2788	0	1686
3550.0	5.0	4.1	37	187	150	0	106.2	106.9	2785	0	1688
3555.0	5.0	4.2	38	187	149	0	106.1	107.5	2817	0	1689
3560.0	5.0	4.2	38	187	149	0	106.3	107.8	2822	0	1691
3565.0	5.0	4.2	36	185	149	0	105.5	107.3	2788	0	1693
3570.0	5.0	4.2	38	187	149	0	105.5	106.0	2772	0	1697
3580.0	10.0	4.3	39	188	149	0	105.8	106.5	2788	0	1701
3585.0	5.0	4.3	39	188	149	0	105.9	106.1	2771	0	1707
3590.0	5.0	4.4	39	188	149	0	105.5	105.8	2760	0	1711
	1565										
3595.0	5.0	4.4	36	188	150	0	104.9	106.5	2760	0	1715
3600.0	5.0	4.4	39	188	149	0	105.0	108.4	2806	0	1718
3605.0	5.0	4.5	39	188	149	0	104.5	108.4	2800	0	1722
3610.0	5.0	4.5	38	188	150	0	105.0	108.5	2802	0	1724
3615.0	5.0	4.5	38	188	150	0	104.9	108.9	2820	0	1728
3620.0	5.0	4.6	38	188	150	0	105.3	108.6	2824	0	1730
3625.0	5.0	4.6	37	186	150	0	104.3	108.9	2806	0	1731
3630.0	5.0	4.6	22	182	150	0	102.6	107.3	2741	0	1732
3635.0	5.0	4.7	32	182	150	0	102.7	107.4	2761	0	1732
3640.0	5.0	4.7	36	186	150	0	102.9	107.2	2763	0	1735
	1607										
3645.0	5.0	4.7	38	188	150	0	103.5	107.0	2768	0	1739
3650.0	5.0	4.8	38	188	150	0	105.2	106.9	2810	0	1741
3655.0	5.0	4.8	38	188	150	0	105.4	107.2	2811	0	1743
3660.0	5.0	4.8	37	186	150	0	105.7	108.0	2853	0	1747
3665.0	5.0	4.9	40	189	149	0	106.4	107.4	2846	0	1749
3670.0	5.0	4.9	39	189	150	0	106.7	107.5	2853	0	1753
3675.0	5.0	4.9	39	189	150	0	106.4	107.1	2851	0	1753
3680.0	5.0	5.0	40	189	149	0	106.3	107.0	2851	0	1753
3685.0	5.0	5.0	39	189	150	0	106.6	107.2	2849	0	1754
3690.0	5.0	5.0	37	187	151	0	106.2	106.4	2826	0	1742
	1652										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	1652										
3695.0	5.0	5.1	36	189	153	0	106.1	105.8	2817	0	1741
3700.0	5.0	5.1	37	189	152	0	106.0	106.1	2828	0	1740
3705.0	5.0	5.1	37	189	152	0	106.2	106.1	2820	0	1742
3710.0	5.0	5.2	37	189	152	0	105.6	105.7	2793	0	1743
3715.0	5.0	5.2	36	189	153	0	105.2	105.8	2790	0	1744
3720.0	5.0	5.2	37	189	152	0	105.0	106.7	2805	0	1745
3725.0	5.0	5.2	37	189	152	0	103.1	109.4	2840	0	1750
3730.0	5.0	5.3	37	189	152	0	106.0	106.6	2844	0	1757
3735.0	5.0	5.3	37	189	152	0	108.1	104.9	2837	0	1762
3740.0	5.0	5.3	36	189	153	0	107.4	104.1	2824	0	1764
	1686										
3745.0	5.0	5.4	37	189	152	0	107.6	104.1	2823	0	1766
3750.0	5.0	5.4	36	188	153	0	107.1	104.2	2792	0	1766
3755.0	5.0	5.4	37	190	153	0	104.2	108.2	2837	0	1765
3760.0	5.0	5.5	35	190	155	0	104.9	107.0	2828	0	1766
3765.0	5.0	5.5	36	190	154	0	104.9	106.6	2825	0	1767
3770.0	5.0	5.6	38	190	152	0	105.1	107.4	2837	0	1769
3775.0	5.0	5.6	38	190	152	0	104.7	107.3	2834	0	1768
3780.0	5.0	5.7	38	190	152	0	104.9	107.1	2832	0	1769
3785.0	5.0	5.7	35	188	152	0	104.0	107.4	2812	0	1768
3790.0	5.0	5.8	38	190	152	0	103.7	107.5	2800	0	1768
	1733										
3795.0	5.0	5.8	38	190	152	0	103.4	107.3	2793	0	1771
3800.0	5.0	5.9	38	190	152	0	103.7	107.8	2806	0	1775
3805.0	5.0	5.9	38	190	152	0	103.5	107.8	2805	0	1780
3810.0	5.0	6.0	38	190	152	0	103.7	107.9	2801	0	1787
3815.0	5.0	6.0	37	191	154	0	103.9	106.4	2795	0	1790
3820.0	5.0	6.1	36	191	155	0	105.8	104.8	2794	0	1791
3830.0	10.0	6.2	36	191	155	0	104.7	104.5	2783	0	1796
3835.0	5.0	6.2	36	191	155	0	105.3	104.4	2785	0	1798
3840.0	5.0	6.3	36	191	155	0	105.6	105.4	2802	0	1801
3850.0	10.0	6.4	36	191	155	0	105.9	107.0	2850	0	1804
	1783										
3855.0	5.0	6.5	36	191	155	0	105.8	107.3	2871	0	1804
3860.0	5.0	6.6	37	191	154	0	105.8	107.7	2865	0	1802
3865.0	5.0	6.6	37	191	154	0	105.7	107.9	2859	0	1803
3870.0	5.0	6.7	37	191	154	0	105.7	107.8	2861	0	1808
3880.0	10.0	6.8	37	191	154	0	106.4	105.9	2830	0	1813
3885.0	5.0	6.9	37	191	154	0	106.7	103.5	2788	0	1817
3890.0	5.0	6.9	38	191	153	0	106.4	103.6	2790	0	1820
3895.0	5.0	7.0	37	191	154	0	107.4	103.5	2549	0	1827
3900.0	5.0	7.1	37	191	154	0	108.5	.0	941	0	1834
3905.0	5.0	7.2	35	191	156	0	107.0	.1	935	0	1838
	1837										
3910.0	5.0	7.2	33	190	157	0	120.5	.1	1117	0	1841
3915.0	5.0	7.3	34	190	156	0	121.2	.0	1125	0	1842
3920.0	5.0	7.3	34	190	156	0	121.7	.0	1134	0	1844
3925.0	5.0	7.4	35	192	156	0	121.5	.0	1141	0	1847
3930.0	5.0	7.5	38	194	155	0	122.1	.0	1127	0	1846
3935.0	5.0	7.6	38	194	156	0	122.6	9.0	1150	0	1848
3940.0	5.0	7.7	38	194	156	0	121.6	4.6	1125	0	1848
3945.0	5.0	7.8	38	194	156	0	122.4	.9	1145	0	1849
3950.0	5.0	7.8	36	194	158	0	123.1	.0	1157	0	1852
3955.0	5.0	7.9	37	194	157	0	123.3	.0	1159	0	1856
	1886										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1886											
3960.0	5.0	8.0	37	194	157	0	123.4	.0	1162	0	1857
3965.0	5.0	8.1	37	194	157	0	124.1	.0	1168	0	1858
3970.0	5.0	8.2	37	194	157	0	123.9	.0	1174	0	1859
3975.0	5.0	8.3	37	194	157	0	119.8	.0	1119	0	1856
3980.0	5.0	8.4	37	194	157	0	112.2	76.4	1633	0	1858
3985.0	5.0	8.5	36	194	158	0	102.0	159.7	2821	0	1858
3990.0	5.0	8.6	35	194	159	0	102.0	125.7	2811	0	1858
3995.0	5.0	8.7	37	194	157	0	102.0	106.6	2812	0	1858
4000.0	5.0	8.7	35	194	158	0	102.2	108.6	2855	0	1848
4005.0	5.0	8.8	36	194	158	0	102.4	109.1	2884	0	1847
1931											
4010.0	5.0	8.9	36	194	158	0	102.8	109.4	2888	0	1849
4015.0	5.0	8.9	36	194	158	0	103.0	109.6	2894	0	1852
4020.0	5.0	9.0	36	194	158	0	103.2	116.5	2897	0	1859
4025.0	5.0	9.1	36	194	158	0	102.5	106.5	2867	0	1864
4030.0	5.0	9.2	37	195	158	0	102.3	109.5	2885	0	1865
4035.0	5.0	9.2	36	197	159	0	104.4	108.3	2911	0	1866
4040.0	5.0	9.3	39	197	158	0	104.8	108.9	2929	0	1868
4045.0	5.0	9.4	38	198	159	0	105.0	109.4	2926	0	1880
4050.0	5.0	9.4	39	198	159	0	104.8	109.6	2925	0	1893
4055.0	5.0	9.5	39	198	159	0	104.6	109.0	2914	0	1906
1978											
4060.0	5.0	9.6	40	198	158	0	100.5	101.0	2621	0	1918
4070.0	10.0	9.7	39	198	159	0	98.6	98.4	2537	0	1925
4075.0	5.0	9.8	40	198	158	0	98.5	98.0	2535	0	1934
4080.0	5.0	9.9	40	198	158	0	98.4	98.1	2537	0	1942
4085.0	5.0	10.0	40	198	158	0	98.8	98.1	2543	0	1951
4090.0	5.0	10.1	40	198	158	0	98.8	98.3	2548	0	1958
4095.0	5.0	10.2	40	198	158	0	98.0	98.7	2542	0	1958
4100.0	5.0	10.3	39	196	158	0	97.7	98.3	2529	0	1962
4105.0	5.0	10.4	38	195	157	0	96.8	97.8	2519	0	1973
4110.0	5.0	10.5	38	195	158	0	97.2	98.0	2529	0	1982
2029											
4115.0	5.0	10.5	38	195	158	0	97.3	98.6	2534	0	1989
4120.0	5.0	10.6	37	195	158	0	97.8	98.5	2532	0	1992
4130.0	10.0	10.7	35	194	159	0	98.9	97.9	2540	0	1977
4135.0	5.0	10.9	33	192	159	0	99.1	99.4	2576	0	1949
4140.0	5.0	11.0	33	192	159	0	99.1	100.5	2607	0	1939
4145.0	5.0	11.0	32	192	160	0	99.0	100.1	2601	0	1938
4150.0	5.0	11.1	33	192	159	0	98.9	99.7	2606	0	1946
4155.0	5.0	11.2	33	192	159	0	99.3	100.1	2611	0	1950
4160.0	5.0	11.3	32	192	160	0	97.5	98.8	2553	0	1954
4165.0	5.0	11.4	32	195	163	0	98.2	97.7	2448	0	1947
2081											
4170.0	5.0	11.5	31	196	165	0	98.5	96.8	2516	0	1949
4175.0	5.0	11.6	37	199	162	0	98.4	97.0	2520	0	1951
4180.0	5.0	11.7	37	199	162	0	98.8	96.7	2528	0	1957
4185.0	5.0	11.8	38	199	161	0	97.7	95.4	2534	0	1963
4190.0	5.0	11.9	37	199	162	0	97.5	95.6	2533	0	1968
4195.0	5.0	.1	21	198	177	0	104.1	94.5	2510	0	1982
4200.0	5.0	.2	23	198	176	0	106.2	92.0	2510	0	1984
4205.0	5.0	.4	23	198	175	0	106.0	92.4	2502	0	1987
4210.0	5.0	.5	23	198	175	0	105.3	92.4	2495	0	1990
4215.0	5.0	.6	23	198	176	0	97.4	99.8	2495	0	1995
2131											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2131											
4220.0	5.0	.8	22	198	176	0	98.8	98.2	2481	0	2001
4225.0	5.0	.9	25	199	173	0	107.5	91.0	2516	0	2006
4230.0	5.0	1.0	27	199	172	0	120.3	81.0	2566	0	2009
4235.0	5.0	1.1	28	199	171	0	102.6	98.3	2550	0	2011
4240.0	5.0	1.1	30	202	171	0	90.3	110.8	2575	0	2014
4245.0	5.0	1.2	38	207	169	0	99.9	98.3	2514	0	2016
4250.0	5.0	1.3	38	207	169	0	98.1	98.9	2508	0	2016
4255.0	5.0	1.4	37	207	170	0	101.5	95.1	2489	0	2016
4260.0	5.0	1.5	42	207	165	0	100.6	97.7	2534	0	2020
4265.0	5.0	1.5	41	207	166	0	100.6	98.0	2536	0	2024
2181											
4270.0	5.0	1.6	40	207	167	0	100.6	97.6	2533	0	2028
4275.0	5.0	1.7	41	207	166	0	100.5	98.4	2540	0	2033
4280.0	5.0	1.8	41	207	165	0	100.1	98.0	2534	0	2034
4285.0	5.0	1.9	41	206	165	0	98.8	97.3	2503	0	2034
4290.0	5.0	1.9	41	206	165	0	99.0	97.8	2529	0	2038
4295.0	5.0	2.0	41	206	165	0	100.5	97.8	2557	0	2041
4300.0	5.0	2.1	41	206	165	0	100.8	98.2	2564	0	2046
4305.0	5.0	2.2	41	206	165	0	100.1	98.0	2572	0	2051
4310.0	5.0	2.3	38	206	168	0	100.0	99.2	2574	0	2052
4320.0	10.0	2.4	38	206	168	0	98.4	98.0	2517	0	2054
2230											
4325.0	5.0	2.5	38	206	168	0	100.5	97.3	2557	0	2055
4330.0	5.0	2.6	40	206	166	0	100.8	96.7	2563	0	2058
4335.0	5.0	2.6	40	206	166	0	101.2	96.8	2563	0	2063
4340.0	5.0	2.7	39	206	167	0	101.2	97.1	2569	0	2064
4345.0	5.0	2.8	36	206	170	0	109.5	65.9	2056	0	2065
4350.0	5.0	3.0	29	206	177	0	126.1	.0	1205	0	2066
4355.0	5.0	3.1	29	206	177	0	124.2	1.6	1185	0	2068
4360.0	5.0	3.2	30	206	176	0	124.0	.0	1176	0	2071
4365.0	5.0	3.3	30	206	176	0	124.2	.0	1186	0	2075
4370.0	5.0	3.4	31	206	175	0	125.1	.0	1197	0	2078
2280											
4375.0	5.0	3.5	29	206	177	0	123.7	10.1	1270	0	2080
4380.0	5.0	3.6	40	207	167	0	98.7	193.1	2572	0	2078
4385.0	5.0	3.7	38	207	169	0	99.8	194.0	2580	0	2081
4390.0	5.0	3.7	39	207	168	0	99.0	194.0	2569	0	2085
4395.0	5.0	3.8	43	207	164	0	99.0	194.4	2559	0	2090
4400.0	5.0	3.9	43	207	164	0	98.5	193.2	2556	0	2096
4405.0	5.0	4.0	42	207	165	0	99.4	176.9	2567	0	2100
4410.0	5.0	4.1	41	208	167	0	97.7	102.7	2663	0	2099
4415.0	5.0	4.2	41	208	167	0	95.0	101.5	2579	0	2101
4420.0	5.0	4.3	43	208	165	0	99.1	97.9	2564	0	2102
2328											
4425.0	5.0	4.3	42	208	166	0	99.7	96.6	2562	0	2104
4430.0	5.0	4.4	44	208	164	0	99.8	96.8	2562	0	2108
4435.0	5.0	4.5	41	208	167	0	99.8	96.9	2562	0	2110
4440.0	5.0	4.6	41	208	167	0	98.0	99.7	2606	0	2110
4445.0	5.0	4.7	43	208	165	0	96.7	102.2	2613	0	2113
4450.0	5.0	4.8	43	208	165	0	96.5	102.5	2619	0	2116
4455.0	5.0	4.8	44	208	164	0	97.2	101.7	2619	0	2120
4460.0	5.0	4.9	43	208	165	0	97.2	101.3	2618	0	2123
4465.0	5.0	5.0	44	208	164	0	96.9	102.0	2617	0	2126
4470.0	5.0	5.1	43	208	165	0	96.9	101.5	2613	0	2128
2377											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2377											
4475.0	5.0	5.1	44	208	164	0	97.8	98.8	2575	0	2128
4480.0	5.0	5.2	46	208	162	0	99.0	95.1	2518	0	2129
4485.0	5.0	5.3	44	208	164	0	97.9	94.3	2482	0	2131
4490.0	5.0	5.4	45	208	163	0	98.5	94.7	2512	0	2133
4495.0	5.0	5.5	45	208	163	0	98.8	94.7	2517	0	2136
4500.0	5.0	5.6	44	208	165	0	98.4	96.2	2551	0	2138
4505.0	5.0	5.7	44	208	164	0	98.4	99.6	2617	0	2141
4510.0	5.0	5.7	44	208	164	0	98.3	99.3	2613	0	2143
4515.0	5.0	5.8	45	208	163	0	98.6	99.8	2634	0	2145
4520.0	5.0	5.9	44	208	164	0	98.7	99.6	2635	0	2147
2425											
4525.0	5.0	6.0	44	208	164	0	98.6	99.6	2634	0	2149
4530.0	5.0	6.1	44	208	164	0	98.7	100.1	2637	0	2151
4535.0	5.0	6.2	43	208	165	0	97.1	104.4	2696	0	2153
4540.0	5.0	6.3	43	208	165	0	96.7	104.6	2678	0	2156
4545.0	5.0	6.3	42	208	166	0	98.4	97.5	2560	0	2158
4550.0	5.0	6.4	45	208	163	0	98.5	97.1	2560	0	2160
4555.0	5.0	6.5	46	208	162	0	98.6	97.2	2560	0	2163
4560.0	5.0	6.6	45	206	162	0	98.8	97.4	2562	0	2165
4565.0	5.0	6.7	46	199	162	0	98.4	96.0	2549	0	2168
4570.0	5.0	6.7	45	199	161	0	97.3	94.8	2554	0	2173
2470											
4575.0	5.0	6.8	47	199	161	0	99.2	96.1	2558	0	2175
4580.0	5.0	6.8	47	205	162	0	100.0	96.1	2559	0	2179
4585.0	5.0	6.9	47	208	161	0	99.9	95.6	2560	0	2183
4590.0	5.0	7.0	47	208	161	0	100.7	95.4	2574	0	2187
4595.0	5.0	7.1	46	208	162	0	99.5	95.7	2583	0	2190
4600.0	5.0	7.2	47	208	163	0	93.5	105.9	2595	0	2187
4605.0	5.0	7.2	47	208	161	0	93.1	104.0	2607	0	2188
4610.0	5.0	7.3	48	208	160	0	96.3	100.8	2580	0	2190
4615.0	5.0	7.4	47	208	161	0	98.0	98.8	2564	0	2192
4620.0	5.0	7.5	48	208	160	0	97.8	97.9	2552	0	2195
2520											
4625.0	5.0	7.5	48	208	160	0	98.1	98.0	2560	0	2199
4630.0	5.0	7.6	45	207	162	0	96.1	99.7	2562	0	2199
4635.0	5.0	7.7	46	208	162	0	97.7	97.0	2532	0	2202
4640.0	5.0	7.8	47	208	161	0	97.9	96.7	2533	0	2205
4645.0	5.0	7.8	47	208	161	0	98.1	96.7	2535	0	2207
4650.0	5.0	7.9	47	208	161	0	98.1	96.2	2538	0	2211
4655.0	5.0	8.0	46	208	162	0	98.0	97.1	2532	0	2216
4660.0	5.0	8.1	47	209	162	0	98.8	98.4	2579	0	2215
4665.0	5.0	8.1	48	209	161	0	99.8	96.5	2566	0	2217
4670.0	5.0	8.2	49	209	160	0	100.2	96.1	2551	0	2219
2570											
4675.0	5.0	8.3	48	209	161	0	100.5	96.3	2555	0	2221
4680.0	5.0	8.4	48	209	161	0	100.8	96.6	2570	0	2227
4685.0	5.0	8.5	47	209	162	0	100.8	96.7	2586	0	2230
4690.0	5.0	8.6	45	207	162	0	99.9	96.9	2555	0	2231
4695.0	5.0	8.7	40	203	163	0	97.3	96.5	2511	0	2229
4700.0	5.0	8.8	40	203	163	0	97.8	96.4	2531	0	2231
4705.0	5.0	8.9	44	208	163	0	97.7	96.6	2522	0	2232
4710.0	5.0	8.9	46	209	163	0	96.9	96.1	2507	0	2235
4715.0	5.0	9.0	47	209	162	0	97.0	96.7	2509	0	2239
4720.0	5.0	9.1	47	209	162	0	97.3	96.7	2517	0	2242
2620											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2620											
4725.0	5.0	9.2	45	209	163	0	96.3	98.9	2543	0	2242
4730.0	5.0	9.3	45	209	164	0	96.3	98.6	2550	0	2244
4735.0	5.0	9.3	44	209	165	0	96.1	99.1	2554	0	2247
4740.0	5.0	9.4	44	209	165	0	96.4	99.4	2563	0	2250
4745.0	5.0	9.5	45	209	164	0	96.6	98.6	2565	0	2253
4750.0	5.0	9.6	46	209	163	0	96.2	98.7	2558	0	2258
4755.0	5.0	9.7	46	210	164	0	98.0	97.0	2567	0	2261
4760.0	5.0	9.8	46	210	164	0	100.1	96.7	2572	0	2264
4765.0	5.0	9.9	45	210	165	0	99.8	96.6	2568	0	2266
4770.0	5.0	10.0	45	210	165	0	99.9	96.8	2560	0	2268
2668											
4775.0	5.0	10.1	45	210	165	0	100.1	96.7	2561	0	2271
4780.0	5.0	10.1	45	210	165	0	100.2	96.5	2558	0	2273
4785.0	5.0	10.2	43	208	166	0	94.6	91.9	2344	0	2275
4790.0	5.0	10.3	41	208	167	0	90.4	90.2	2680	0	2278
4795.0	5.0	10.4	40	208	167	0	90.0	90.2	2669	0	2280
4800.0	5.0	10.5	41	209	167	0	90.0	90.4	2663	0	2282
4805.0	5.0	10.6	44	211	167	0	90.1	90.7	2668	0	2285
4810.0	5.0	10.7	44	211	167	0	90.1	90.8	2671	0	2287
4815.0	5.0	10.8	45	213	168	0	87.9	85.5	2477	0	2289
4820.0	5.0	10.9	48	214	166	0	86.2	83.7	2403	0	2290
2716											
4825.0	5.0	10.9	48	214	166	0	86.2	83.2	2394	0	2292
4830.0	5.0	11.0	48	214	166	0	86.0	83.2	2393	0	2294
4835.0	5.0	11.1	47	214	167	0	86.1	83.2	2402	0	2296
4840.0	5.0	11.2	48	214	166	0	86.6	83.4	2401	0	2299
4845.0	5.0	11.3	48	214	166	0	86.0	84.0	2421	0	2301
4850.0	5.0	11.4	45	214	169	0	89.1	83.3	2472	0	2303
4855.0	5.0	11.5	46	214	168	0	89.3	83.0	2463	0	2306
4860.0	5.0	11.6	45	214	169	0	89.2	82.9	2467	0	2308
4865.0	5.0	11.7	46	215	168	0	89.4	82.9	2466	0	2311
4870.0	5.0	11.8	46	215	169	0	89.4	83.2	2467	0	2313
2765											
4875.0	5.0	11.9	46	215	169	0	89.6	83.2	2474	0	2315
4880.0	5.0	12.0	46	214	168	0	86.9	85.5	2455	0	2317
4885.0	5.0	12.1	46	216	169	0	86.9	85.6	2455	0	2319
4890.0	5.0	12.1	49	218	169	0	87.0	85.3	2455	0	2322
4895.0	5.0	12.2	49	218	169	0	86.8	85.4	2445	0	2325
4900.0	5.0	12.3	49	218	169	0	86.7	85.1	2438	0	2327
4910.0	10.0	12.5	50	218	168	0	86.3	85.2	2410	0	2330
4915.0	5.0	12.6	49	216	167	0	85.9	85.0	2409	0	2332
4920.0	5.0	12.7	48	215	167	0	85.6	84.3	2399	0	2334
4925.0	5.0	12.8	48	215	167	0	85.6	84.2	2391	0	2337
2816											
4930.0	5.0	12.9	48	215	167	0	85.7	84.5	2401	0	2340
4935.0	5.0	12.9	48	215	167	0	85.8	84.4	2392	0	2344
4940.0	5.0	13.0	49	213	167	0	86.5	84.4	2427	0	2347
4945.0	5.0	13.1	48	209	169	0	89.8	84.9	2536	0	2350
4950.0	5.0	13.2	48	212	169	0	90.6	84.7	2532	0	2352
4955.0	5.0	13.3	48	216	168	0	90.8	84.4	2555	0	2354
4960.0	5.0	13.4	49	217	168	0	91.2	84.8	2563	0	2355
4965.0	5.0	13.5	49	217	168	0	91.0	84.7	2536	0	2358
4970.0	5.0	13.6	48	214	168	0	90.2	85.2	2523	0	2360
4975.0	5.0	13.7	49	210	167	0	88.5	83.1	2437	0	2362
2864											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2864											
4980.0	5.0	13.7	49	214	167	0	88.8	83.0	2450	0	2365
4985.0	5.0	13.8	50	217	167	0	88.9	83.2	2450	0	2368
4990.0	5.0	13.9	49	217	168	0	88.5	83.2	2462	0	2371
4995.0	5.0	14.0	50	217	167	0	88.7	83.2	2457	0	2373
5000.0	5.0	14.1	50	217	166	0	88.4	83.9	2470	0	2377
5005.0	5.0	14.1	51	217	166	0	87.6	87.5	2524	0	2382
5010.0	5.0	14.2	50	217	167	0	87.2	86.2	2537	0	2384
5015.0	5.0	14.3	50	217	167	0	87.9	86.2	2542	0	2387
5020.0	5.0	14.4	50	217	167	0	88.3	86.1	2518	0	2390
5025.0	5.0	14.4	49	217	168	0	88.0	86.0	2527	0	2393
2910											
5030.0	5.0	14.5	50	217	167	0	88.5	86.7	2526	0	2396
5035.0	5.0	14.6	49	217	168	0	87.5	86.0	2518	0	2396
5040.0	5.0	14.7	47	217	170	0	86.2	84.9	2496	0	2396
5045.0	5.0	14.8	47	217	170	0	86.5	85.5	2496	0	2398
5050.0	5.0	14.8	47	217	170	0	106.8	85.4	2503	0	2401
5055.0	5.0	14.9	48	217	169	0	86.7	85.1	2507	0	2403
5060.0	5.0	15.0	45	217	172	0	86.9	85.0	2515	0	2406
5065.0	5.0	15.1	45	214	172	0	88.4	84.9	2526	0	2408
5070.0	5.0	15.3	47	217	170	0	97.7	101.3	2763	0	2405
5075.0	5.0	15.4	45	217	172	0	101.4	99.9	2732	0	2407
2960											
5080.0	5.0	15.4	44	217	173	0	101.6	98.6	2686	0	2410
5085.0	5.0	15.5	45	217	172	0	101.3	98.8	2652	0	2413
5090.0	5.0	15.6	46	217	171	0	102.1	98.8	2634	0	2417
5095.0	5.0	15.7	45	217	173	0	101.8	98.5	2680	0	2422
5100.0	5.0	15.8	47	217	171	0	102.4	97.6	2653	0	2426
5105.0	5.0	15.8	46	217	171	0	103.5	96.8	2682	0	2428
5110.0	5.0	15.9	46	217	171	0	103.6	96.3	2684	0	2431
5115.0	5.0	16.0	47	217	170	0	103.8	96.6	2689	0	2435
5120.0	5.0	16.0	46	217	171	0	103.9	95.8	2698	0	2438
5125.0	5.0	16.1	47	218	171	0	104.3	96.1	2706	0	2441
3008											
5130.0	5.0	16.2	46	218	171	0	103.5	97.9	2762	0	2441
5135.0	5.0	16.3	48	218	170	0	101.0	98.7	2696	0	2445
5140.0	5.0	16.4	49	218	169	0	100.3	98.5	2666	0	2446
5145.0	5.0	16.4	48	218	170	0	99.9	99.1	2689	0	2447
5150.0	5.0	16.5	47	218	171	0	99.9	99.0	2685	0	2449
5155.0	5.0	16.6	46	218	172	0	100.1	99.2	2682	0	2451
5160.0	5.0	16.7	46	218	172	0	99.6	99.4	2689	0	2455
5165.0	5.0	16.7	44	218	174	0	100.6	101.2	2749	0	2452
5170.0	5.0	16.8	43	218	175	0	97.6	103.1	2688	0	2454
5175.0	5.0	16.9	43	218	174	0	96.8	105.3	2695	0	2457
3055											
5180.0	5.0	17.0	43	218	175	0	95.9	108.3	2703	0	2460
5185.0	5.0	17.1	44	218	174	0	96.2	111.7	2708	0	2465
5190.0	5.0	17.1	43	218	175	0	96.0	106.8	2708	0	2470
5195.0	5.0	17.2	43	218	175	0	98.1	102.2	2664	0	2471
5200.0	5.0	17.3	45	218	173	0	100.0	101.9	2726	0	2470
5205.0	5.0	17.4	44	218	174	0	100.3	67.0	2704	0	2471
5210.0	5.0	17.5	45	218	173	0	100.6	28.7	2702	0	2473
5215.0	5.0	17.6	45	218	173	0	100.1	48.0	2702	0	2476
5220.0	5.0	17.7	45	218	173	0	99.9	100.6	2707	0	2481
5225.0	5.0	17.8	45	219	173	0	100.4	99.6	2713	0	2481
3103											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
3103											
5230.0	5.0	17.9	47	220	173	0	103.3	97.1	2718	0	2483
5235.0	5.0	17.9	47	220	173	0	102.9	97.5	2717	0	2486
5240.0	5.0	18.0	47	220	173	0	89.9	85.1	2714	0	2489
5245.0	5.0	18.1	48	220	172	0	79.1	75.4	2723	0	2492
5250.0	5.0	18.2	47	220	173	0	77.5	77.7	2741	0	2497
5255.0	5.0	18.3	47	220	186	0	76.4	77.5	2166	0	2500
5260.0	5.0	18.4	51	221	170	0	79.9	76.6	2776	0	2502
5265.0	5.0	18.5	50	221	171	0	79.5	75.5	2730	0	2504
5270.0	5.0	18.5	48	221	173	0	78.7	75.6	2714	0	2507
5275.0	5.0	18.6	49	221	172	0	78.4	75.3	2726	0	2509
3151											
5280.0	5.0	18.7	48	221	173	0	79.0	76.0	2734	0	2512
5285.0	5.0	18.8	49	221	172	0	79.1	75.8	2739	0	2514
5290.0	5.0	18.9	42	221	179	0	92.9	56.6	1641	0	2514
5295.0	5.0	19.0	43	221	178	0	98.6	22.5	1299	0	2516
5300.0	5.0	19.1	43	221	178	0	96.9	.0	1272	0	2518
5305.0	5.0	19.2	44	221	177	0	96.4	.0	1265	0	2520
5310.0	5.0	19.3	45	221	176	0	75.8	.0	1895	0	2523
5315.0	5.0	19.4	48	221	173	0	70.7	10.5	2682	0	2525
5320.0	5.0	19.5	49	222	178	0	73.6	.0	2705	0	2529
5325.0	5.0	19.5	47	222	175	0	73.0	108.2	2702	0	2533
3200											
5330.0	5.0	19.6	51	222	171	0	77.1	114.2	2663	0	2536
5335.0	5.0	19.7	47	222	175	0	77.2	109.1	2666	0	2538
5340.0	5.0	19.8	49	222	173	0	75.6	74.9	2670	0	2540
5345.0	5.0	19.9	50	222	172	0	76.8	75.0	2670	0	2543
5350.0	5.0	20.0	48	222	174	0	76.7	75.1	2669	0	2545
5355.0	5.0	20.0	49	222	173	0	74.8	76.2	2660	0	2542
5360.0	5.0	20.1	49	222	173	0	73.7	77.5	2658	0	2543
5365.0	5.0	20.2	48	222	174	0	71.6	78.1	2626	0	2546
5370.0	5.0	20.3	49	222	173	0	66.6	77.2	2468	0	2548
5375.0	5.0	20.4	49	222	173	0	68.2	76.7	2509	0	2552
3250											
5380.0	5.0	20.5	48	222	174	0	71.2	74.5	2513	0	2557
5385.0	5.0	20.6	49	216	175	0	70.5	131.8	2511	0	2560
5390.0	5.0	20.7	48	215	174	0	72.2	73.2	2516	0	2561
5395.0	5.0	20.7	48	219	176	0	72.3	73.2	2490	0	2564
5400.0	5.0	20.8	47	222	175	0	72.3	74.7	2519	0	2569
5405.0	5.0	20.9	48	222	174	0	72.0	74.8	2547	0	2572
5410.0	5.0	21.0	50	222	178	0	72.0	74.5	2550	0	2575
5415.0	5.0	21.1	50	223	177	0	71.8	74.7	2547	0	2577
5420.0	5.0	21.1	49	225	176	0	71.9	72.8	2516	0	2578
5425.0	5.0	21.2	49	225	176	0	72.5	73.3	2518	0	2577
3300											
5430.0	5.0	21.3	51	225	174	0	72.5	73.2	2516	0	2577
5435.0	5.0	21.4	49	225	176	0	72.0	73.0	2524	0	2581
5440.0	5.0	21.5	51	225	174	0	72.5	73.5	2523	0	2585
5445.0	5.0	21.5	50	225	175	0	72.2	73.6	2537	0	2589
5450.0	5.0	21.6	50	225	175	0	72.6	75.1	2533	0	2591
5455.0	5.0	21.7	49	225	177	0	72.2	74.5	2524	0	2596
5460.0	5.0	21.8	49	225	178	0	71.9	74.0	2532	0	2598
5465.0	5.0	21.9	48	225	176	0	71.8	73.6	2544	0	2600
5470.0	5.0	22.0	49	225	176	0	71.8	73.5	2550	0	2602
5475.0	5.0	22.0	49	225	176	0	73.0	75.1	2555	0	2605
3349											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
3349											
5480.0	5.0	22.1	47	225	178	0	70.6	75.9	2558	0	2606
5485.0	5.0	22.2	46	225	179	0	70.5	73.5	2517	0	2607
5490.0	5.0	22.3	47	225	178	0	70.8	73.5	2524	0	2610
5495.0	5.0	22.4	47	225	178	0	70.8	73.9	2522	0	2611
5500.0	5.0	22.5	49	225	179	0	71.5	74.8	2531	0	2613
5505.0	5.0	22.5	47	225	180	0	70.8	74.2	2534	0	2617
5510.0	5.0	22.6	48	225	180	0	70.9	74.0	2531	0	2619
5515.0	5.0	22.7	48	225	177	0	71.5	72.1	2518	0	2622
5520.0	5.0	22.8	47	225	178	0	71.2	72.3	2522	0	2623
5525.0	5.0	22.8	46	225	179	0	71.6	73.0	2527	0	2626
3398											
5530.0	5.0	22.9	46	225	179	0	71.4	72.5	2528	0	2628
5535.0	5.0	23.0	47	225	178	0	71.6	73.1	2526	0	2631
5540.0	5.0	23.1	47	225	178	0	72.9	71.7	2529	0	2633
5545.0	5.0	23.1	47	225	178	0	74.8	70.6	2527	0	2635
5550.0	5.0	23.2	46	225	179	0	74.3	72.2	2540	0	2638
5555.0	5.0	23.3	49	225	176	0	73.1	72.2	2542	0	2641
5560.0	5.0	23.3	49	225	176	0	74.0	73.6	2541	0	2645
5565.0	5.0	23.4	48	225	177	0	72.8	71.8	2546	0	2647
5570.0	5.0	23.4	50	226	178	0	71.6	74.5	2569	0	2650
5575.0	5.0	23.5	49	226	177	0	75.5	70.9	2589	0	2654
3448											
5580.0	5.0	23.6	48	226	178	0	77.3	69.6	2596	0	2656
5585.0	5.0	23.6	47	226	179	0	75.3	71.1	2576	0	2659
5590.0	5.0	23.7	47	226	179	0	74.9	71.8	2593	0	2660
5595.0	5.0	23.8	50	226	176	0	75.6	72.9	2606	0	2664
5600.0	5.0	23.8	50	226	176	0	74.4	72.8	2599	0	2667
5605.0	5.0	23.9	49	227	178	0	70.3	76.1	2587	0	2669
5610.0	5.0	23.9	47	227	180	0	71.0	75.8	2558	0	2671
5615.0	5.0	24.0	49	227	178	0	70.7	75.5	2548	0	2673
5620.0	5.0	24.1	49	227	178	0	69.9	74.3	2549	0	2676
5625.0	5.0	24.1	49	227	178	0	70.5	74.6	2559	0	2678
3498											
5630.0	5.0	24.2	48	227	179	0	71.9	76.3	2563	0	2680
5635.0	5.0	24.2	48	227	181	0	74.1	79.2	2701	0	2679
5640.0	5.0	24.3	48	227	179	0	75.5	77.5	2756	0	2682
5645.0	5.0	24.4	46	227	181	0	76.1	77.6	2794	0	2684
5650.0	5.0	24.4	45	227	182	0	74.1	75.4	2669	0	2687
5655.0	5.0	24.5	46	227	181	0	71.8	73.6	2590	0	2691
5660.0	5.0	24.5	46	227	181	0	72.1	74.2	2582	0	2693
5665.0	5.0	24.6	49	228	179	0	72.0	75.0	2631	0	2697
5670.0	5.0	24.6	48	228	180	0	72.3	76.0	2674	0	2702
5675.0	5.0	24.7	48	228	180	0	75.2	78.2	2755	0	2705
3547											
5680.0	5.0	24.8	45	228	183	0	74.6	77.8	2775	0	2708
5685.0	5.0	24.8	46	228	182	0	76.0	79.5	2785	0	2711
5690.0	5.0	24.9	47	228	181	0	74.7	78.1	2793	0	2711
5695.0	5.0	24.9	47	229	181	0	74.6	77.9	2760	0	2713
5700.0	5.0	25.0	50	229	179	0	71.7	76.0	2640	0	2716
5705.0	5.0	25.0	48	230	182	0	71.4	76.4	2630	0	2719
5710.0	5.0	25.1	49	230	181	0	71.2	75.8	2627	0	2722
5715.0	5.0	25.1	50	230	180	0	70.9	75.6	2622	0	2725
5720.0	5.0	25.2	51	230	179	0	71.2	76.1	2603	0	2729
5725.0	5.0	25.2	49	230	181	0	70.5	75.9	2596	0	2732
3596											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWDV	SPM1	SPM2	PMPR	PCSG	HSP
	3596										
5730.0	5.0	25.3	49	231	182	0	69.9	79.5	2626	0	2732
5735.0	5.0	25.3	50	231	181	0	68.1	79.2	2629	0	2735
5740.0	5.0	25.4	50	231	181	0	68.2	79.4	2637	0	2739
5745.0	5.0	25.5	49	231	182	0	69.4	80.5	2645	0	2740
5750.0	5.0	25.5	50	231	181	0	69.0	79.7	2658	0	2742
5755.0	5.0	25.6	49	231	182	0	69.4	80.6	2661	0	2744
5760.0	5.0	25.6	50	220	181	0	67.4	75.0	2485	0	2749
5765.0	5.0	25.7	50	227	181	0	66.4	73.8	2448	0	2753
5770.0	5.0	25.7	50	231	181	0	66.5	73.5	2442	0	2760
5775.0	5.0	25.8	50	231	181	0	66.3	74.2	2415	0	2766
	3642										
5780.0	5.0	25.9	51	231	180	0	66.3	73.9	2418	0	2772
5785.0	5.0	25.9	50	231	181	0	66.7	74.6	2429	0	2778
5790.0	5.0	26.0	50	227	181	0	76.9	55.6	2029	0	2783
5795.0	5.0	26.0	50	230	181	0	97.0	.0	1287	0	2789
5800.0	5.0	26.1	51	232	181	0	98.8	.0	1287	0	2793
5805.0	5.0	26.1	50	232	182	0	98.6	.0	1295	0	2798
5810.0	5.0	26.2	51	232	181	0	99.5	.0	1306	0	2802
5815.0	5.0	26.3	50	232	182	0	98.6	.0	1310	0	2805
5820.0	5.0	26.3	50	232	181	0	97.7	.0	1280	0	2808
5825.0	5.0	26.4	49	231	183	0	99.0	.0	1180	0	2811
	3689										
5830.0	5.0	26.5	51	232	181	0	92.0	.0	1185	0	2814
5835.0	5.0	26.5	51	232	181	0	70.0	61.9	2305	0	2819
5840.0	5.0	26.6	50	232	182	0	65.5	75.2	2455	0	2819
5845.0	5.0	26.6	50	232	182	0	65.8	75.1	2448	0	2826
5850.0	5.0	26.7	51	232	181	0	66.2	76.4	2448	0	2827
5855.0	5.0	26.7	50	230	182	0	65.5	77.3	2535	0	2823
5860.0	5.0	26.8	50	232	182	0	66.8	79.0	2556	0	2825
5865.0	5.0	26.9	50	232	182	0	68.2	79.4	2558	0	2827
5870.0	5.0	26.9	50	232	182	0	68.0	78.4	2585	0	2830
5875.0	5.0	27.0	50	232	182	0	69.3	78.9	2586	0	2831
	3738										
5880.0	5.0	27.1	50	232	182	0	69.2	77.8	2603	0	2832
5885.0	5.0	27.1	49	226	182	0	69.5	74.9	2507	0	2831
5890.0	5.0	27.2	50	232	182	0	68.7	72.0	2415	0	2834
5895.0	5.0	27.3	50	232	182	0	69.2	71.7	2420	0	2837
5900.0	5.0	27.3	50	232	182	0	69.2	71.4	2435	0	2839
5905.0	5.0	27.4	50	232	182	0	69.1	71.5	2432	0	2841
5910.0	5.0	27.5	49	232	183	0	71.0	72.6	2425	0	2844
5920.0	10.0	27.5	49	232	183	0	66.7	76.6	2489	0	2848
5925.0	5.0	27.6	49	232	183	0	67.4	76.8	2457	0	2853
5930.0	5.0	27.7	48	232	184	0	68.4	75.6	2438	0	2857
	3788										
5935.0	5.0	27.7	49	232	183	0	68.4	75.4	2439	0	2860
5940.0	5.0	27.8	49	232	183	0	69.0	75.8	2436	0	2863
5945.0	5.0	27.9	50	232	182	0	68.8	75.6	2473	0	2866
5950.0	5.0	27.9	50	226	183	0	69.9	75.9	2500	0	2866
5955.0	5.0	28.0	50	224	183	0	89.7	57.1	1336	0	2869
5960.0	5.0	28.1	49	232	183	0	94.8	.0	1230	0	2872
5965.0	5.0	28.1	49	232	183	0	94.0	.0	1237	0	2876
5970.0	5.0	28.2	50	233	183	0	97.0	.0	1236	0	2878
5975.0	5.0	28.3	50	233	183	0	95.8	.1	1247	0	2881
5980.0	5.0	28.3	50	231	183	0	94.8	.0	1254	0	2885
	3837										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
3837											
5985.0	5.0	28.4	49	233	184	0	94.8	.0	1249	0	2905
5990.0	5.0	28.5	50	233	183	0	95.0	.0	1264	0	2944
5995.0	5.0	28.5	50	233	183	0	95.6	.0	1282	0	2920
6000.0	5.0	28.6	49	233	184	0	95.9	.0	1283	0	2902
6005.0	5.0	28.7	50	233	183	0	96.7	.1	1291	0	2906
6010.0	5.0	28.7	50	229	183	0	97.6	.0	1313	0	2905
6015.0	5.0	28.8	51	233	182	0	101.3	.0	1366	0	2899
6020.0	5.0	28.8	50	232	183	0	100.0	.0	1382	0	2918
6025.0	5.0	28.9	50	233	183	0	99.9	.0	1385	0	2915
6030.0	5.0	28.9	50	233	183	0	100.4	.0	1391	0	2915
3887											
6035.0	5.0	29.0	50	232	183	0	100.2	.0	1392	0	2916
6040.0	5.0	29.1	50	233	183	0	102.2	.0	1399	0	2922
6045.0	5.0	29.1	49	233	184	0	96.8	.0	1318	0	2925
6050.0	5.0	29.2	49	233	184	0	97.9	.0	1320	0	2926
6055.0	5.0	29.2	49	233	184	0	96.7	.0	1325	0	2924
6060.0	5.0	29.3	49	233	184	0	96.9	.0	1326	0	2930
6065.0	5.0	29.4	48	233	185	0	97.1	.0	1326	0	2933
6070.0	5.0	29.4	50	233	183	0	98.0	.3	1331	0	2936
6075.0	5.0	29.5	49	233	184	0	95.4	.2	1295	0	2936
6080.0	5.0	29.5	50	232	183	0	94.3	.0	1286	0	2936
3934											
6085.0	5.0	29.6	48	233	185	0	95.5	.0	1291	0	2938
6090.0	5.0	29.7	48	233	185	0	94.8	.0	1292	0	2944
6095.0	5.0	29.7	48	233	185	0	96.1	.0	1283	0	2949
6100.0	5.0	29.8	48	233	185	0	85.0	.0	1045	0	2950
6105.0	5.0	29.8	47	233	186	0	83.3	.0	1054	0	2944
6110.0	5.0	29.9	48	431	395	0	84.3	.0	1020	9	2953
6115.0	5.0	30.0	49	234	185	0	86.5	.0	1084	0	2961
6117.0	2.0	30.0	49	234	185	0	85.8	.0	1098	0	2962
NEW BIT ID: 5											
6120.0	.0	.1	31	234	203	0	105.4	.0	1233	0	2869
6125.0	5.0	.2	34	234	200	0	98.8	5.0	1246	0	2873
3981											
6130.0	5.0	.4	33	234	201	0	91.8	54.6	2199	0	2881
6135.0	5.0	.5	35	234	199	0	83.0	95.5	2705	0	2886
6140.0	5.0	.6	39	234	195	0	85.3	90.4	2603	0	2891
6145.0	5.0	.6	42	234	192	0	85.0	90.6	2559	0	2897
6150.0	5.0	.7	40	234	194	0	90.3	90.1	2654	0	2904
6155.0	5.0	.8	37	234	196	0	89.9	90.1	2648	0	2913
6160.0	5.0	.9	36	234	198	0	90.1	90.2	2645	0	2926
6165.0	5.0	1.0	36	234	198	0	89.9	90.5	2672	0	2940
6170.0	5.0	1.0	42	235	192	0	91.5	87.3	2655	0	2961
6175.0	5.0	1.1	42	235	193	0	88.8	84.7	2519	0	2971
4025											
6180.0	5.0	1.2	44	235	191	0	88.0	85.0	2510	0	2983
6185.0	5.0	1.3	43	235	192	0	87.8	85.9	2530	0	2989
6190.0	5.0	1.4	44	235	191	0	87.8	85.7	2527	0	2992
6200.0	10.0	1.5	44	235	191	0	89.6	87.4	2598	0	2987
6205.0	5.0	1.6	45	235	190	0	90.9	84.3	2543	0	2980
6210.0	5.0	1.6	46	235	189	0	90.8	84.0	2531	0	2980
6215.0	5.0	1.7	45	235	190	0	90.6	84.1	2524	0	2980

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BMDV	SPM1	SPM2	PMPP	PCSG	HSP
4063											
6220.0	5.0	1.7	42	235	193	0	90.7	84.0	2524	0	2980
6225.0	5.0	1.8	43	235	192	0	90.4	84.0	2511	0	2980
6230.0	5.0	1.9	42	231	190	0	90.0	84.5	2530	0	2987
6235.0	5.0	2.0	43	235	191	0	86.7	87.4	2506	0	3011
6240.0	5.0	2.0	47	235	188	0	88.1	87.2	2531	0	3023
6245.0	5.0	2.1	46	235	189	0	87.3	87.2	2522	0	3025
6250.0	5.0	2.1	45	235	190	0	87.0	87.6	2516	0	3028
6255.0	5.0	2.2	48	235	187	0	86.7	87.7	2522	0	3040
6260.0	5.0	2.3	45	235	190	0	88.5	87.3	2561	0	3066
6265.0	5.0	2.3	44	235	191	0	88.2	89.2	2629	0	3033
4111											
6270.0	5.0	2.4	45	235	190	0	88.2	89.4	2620	0	3026
6275.0	5.0	2.5	47	235	188	0	88.8	89.7	2616	0	3030
6280.0	5.0	2.5	45	235	190	0	88.7	89.9	2628	0	3033
6285.0	5.0	2.6	49	235	186	0	89.1	89.1	2638	0	3035
6290.0	5.0	2.6	47	235	188	0	89.4	89.1	2647	0	3020
6295.0	5.0	2.7	47	236	188	0	91.4	87.7	2647	0	3047
6300.0	5.0	2.7	48	236	188	0	93.3	85.8	2640	0	3050
6305.0	5.0	2.8	45	236	191	0	93.2	85.8	2634	0	3053
6310.0	5.0	2.9	47	236	189	0	93.0	86.0	2635	0	3049
6315.0	5.0	2.9	46	236	190	0	92.8	85.6	2629	0	3047
4160											
6320.0	5.0	3.0	43	236	193	0	93.1	85.9	2631	0	3061
6325.0	5.0	3.0	46	236	190	0	91.2	86.2	2583	0	3060
6330.0	5.0	3.1	48	236	188	0	91.7	85.9	2597	0	3076
6335.0	5.0	3.1	46	236	190	0	91.3	85.9	2595	0	3073
6340.0	5.0	3.2	45	236	191	0	91.1	85.2	2596	0	3063
6345.0	5.0	3.2	48	236	188	0	91.8	85.4	2595	0	3075
6350.0	5.0	3.3	48	236	188	0	92.4	85.4	2602	0	3075
6360.0	10.0	3.4	47	236	189	0	92.1	85.9	2624	0	3070
6365.0	5.0	3.5	47	236	189	0	91.8	86.3	2635	0	3073
6370.0	5.0	3.5	43	236	193	0	91.6	86.5	2637	0	3079
4212											
6375.0	5.0	3.6	48	236	188	0	92.0	86.4	2639	0	3081
6380.0	5.0	3.6	48	236	188	0	92.5	86.3	2641	0	3083
6385.0	5.0	3.7	47	236	189	0	91.0	85.5	2586	0	3082
6390.0	5.0	3.7	47	236	189	0	88.2	89.6	2619	0	3085
6395.0	5.0	3.8	45	236	191	0	89.3	85.6	2551	0	3088
6400.0	5.0	3.8	46	236	190	0	91.2	82.5	2519	0	3088
6405.0	5.0	3.9	45	236	191	0	90.6	85.3	2571	0	3096
6410.0	5.0	3.9	47	236	189	0	90.7	85.4	2578	0	3100
6415.0	5.0	4.0	48	236	188	0	90.5	85.3	2590	0	3114
6420.0	5.0	4.1	47	236	189	0	90.4	83.9	2560	0	3124
4261											
6425.0	5.0	4.1	44	236	192	0	89.2	82.8	2504	0	3120
6430.0	5.0	4.2	47	236	189	0	88.8	83.4	2501	0	3138
6435.0	5.0	4.2	48	236	188	0	88.5	83.2	2502	0	3135
6440.0	5.0	4.3	42	236	194	0	88.8	83.5	2494	0	3129
6445.0	5.0	4.3	48	236	188	0	89.4	83.5	2483	0	3133
6450.0	5.0	4.4	48	236	188	0	88.8	83.9	2478	0	3134
6455.0	5.0	4.4	47	236	189	0	89.1	87.4	2504	0	3139
6460.0	5.0	4.4	46	236	190	0	88.9	87.1	2490	0	3140
6465.0	5.0	4.5	46	236	189	0	91.0	87.0	2526	0	3132
6470.0	5.0	4.5	47	236	189	0	91.6	86.8	2533	0	3145
4308											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
4308											
6475.0	5.0	4.6	48	236	188	0	90.6	87.0	2548	0	3148
6480.0	5.0	4.6	48	236	188	0	91.0	87.3	2564	0	3154
6485.0	5.0	4.7	47	237	190	0	89.3	87.7	2584	0	3156
6490.0	5.0	4.7	47	237	190	0	90.1	85.1	2559	0	3156
6500.0	10.0	4.8	49	237	188	0	88.3	87.2	2563	0	3155
6505.0	5.0	4.9	49	237	188	0	88.1	86.3	2562	0	3159
6510.0	5.0	4.9	47	237	190	0	87.9	86.9	2562	0	3165
6515.0	5.0	5.0	46	237	191	0	105.3	75.2	1467	0	3161
6520.0	5.0	5.1	42	237	195	0	110.7	.0	1205	0	3160
6525.0	5.0	5.1	41	237	196	0	111.0	.0	1206	0	3161
4355											
6530.0	5.0	5.2	42	237	195	0	111.1	.0	1207	0	3162
6535.0	5.0	5.2	42	237	195	0	98.5	44.2	1944	0	3176
6540.0	5.0	5.3	44	237	193	0	88.0	90.2	2654	0	3196
6545.0	5.0	5.3	43	237	194	0	90.0	89.0	2679	0	3186
6550.0	5.0	5.4	44	237	193	0	90.5	85.9	2608	0	3171
6555.0	5.0	5.5	47	237	190	0	88.7	84.2	2530	0	3186
6560.0	5.0	5.5	48	237	189	0	89.1	84.1	2534	0	3185
6565.0	5.0	5.6	47	237	190	0	88.8	84.1	2532	0	3180
6570.0	5.0	5.6	45	237	192	0	88.8	84.7	2538	0	3161
6575.0	5.0	5.7	44	237	193	0	89.1	85.7	2587	0	3158
4403											
6580.0	5.0	5.8	46	237	191	0	91.5	85.0	2601	0	3156
6585.0	5.0	5.8	47	237	190	0	91.8	81.9	2566	0	3137
6590.0	5.0	5.9	48	237	189	0	91.2	85.8	2651	0	3133
6600.0	10.0	5.9	46	237	191	0	91.3	86.6	2666	0	3147
6605.0	5.0	6.0	44	237	193	0	91.2	87.1	2676	0	3170
6610.0	5.0	6.1	47	238	191	0	91.4	85.0	2640	0	3180
6615.0	5.0	6.1	46	238	192	0	91.6	85.5	2643	0	3191
6620.0	5.0	6.2	46	238	192	0	89.4	85.6	2602	0	3213
6630.0	10.0	6.3	45	238	193	0	88.8	85.8	2590	0	3238
6635.0	5.0	6.3	46	238	192	0	88.5	85.8	2595	0	3248
4458											
6640.0	5.0	6.4	47	238	191	0	110.1	77.3	1615	0	3243
6645.0	5.0	6.5	46	238	192	0	111.2	.0	1230	0	3248
6650.0	5.0	6.5	45	238	193	0	106.6	.0	1146	0	3242
6655.0	5.0	6.6	47	238	191	0	80.0	57.0	2008	0	3229
6660.0	5.0	6.7	47	238	191	0	87.2	84.2	2542	0	3225
6665.0	5.0	6.7	45	238	193	0	88.6	86.8	2666	0	3235
6670.0	5.0	6.8	46	238	192	0	91.7	86.9	2704	0	3230
6675.0	5.0	6.8	44	238	194	0	91.1	81.2	2555	0	3245
6680.0	5.0	6.9	46	238	192	0	90.8	83.0	2600	0	3239
6685.0	5.0	6.9	46	238	192	0	90.6	83.7	2611	0	3240
4504											
6690.0	5.0	7.0	48	238	190	0	91.0	84.2	2623	0	3208
6695.0	5.0	7.1	45	238	193	0	90.7	83.9	2626	0	3217
6700.0	5.0	7.1	46	238	192	0	90.2	86.6	2666	0	3221
6705.0	5.0	7.2	46	238	192	0	89.6	83.6	2588	0	3221
6710.0	5.0	7.2	45	238	193	0	89.1	85.2	2623	0	3227
6715.0	5.0	7.3	46	238	192	0	89.2	85.8	2627	0	3249
6720.0	5.0	7.4	43	238	195	0	89.4	85.7	2625	0	3253
6725.0	5.0	7.4	44	238	194	0	89.6	85.8	2630	0	3251
6730.0	5.0	7.5	44	238	194	0	89.4	85.5	2631	0	3243
6735.0	5.0	7.5	46	239	193	0	112.2	21.4	1577	0	3253
4549											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	4549										
6740.0	5.0	7.6	47	239	192	0	111.9	18.8	1234	0	3261
6745.0	5.0	7.7	44	239	195	0	94.2	67.9	2406	0	3253
6750.0	5.0	7.7	46	239	193	0	91.1	84.4	2619	0	3257
6755.0	5.0	7.8	47	239	192	0	90.9	84.5	2626	0	3283
6760.0	5.0	7.8	45	239	194	0	90.9	84.4	2635	0	3283
6765.0	5.0	7.9	43	240	197	0	96.2	84.1	2747	0	3273
6770.0	5.0	8.0	45	240	195	0	97.5	83.5	2777	0	3290
6775.0	5.0	8.0	43	240	197	0	97.1	84.2	2793	0	3295
6780.0	5.0	8.1	44	240	196	0	97.4	84.4	2800	0	3302
6785.0	5.0	8.1	45	240	195	0	95.4	82.2	2695	0	3310
	4598										
6790.0	5.0	8.2	47	240	193	0	93.6	80.3	2601	0	3315
6795.0	5.0	8.2	47	240	193	0	94.4	79.9	2605	0	3322
6800.0	5.0	8.3	43	240	197	0	95.1	79.7	2612	0	3323
6805.0	5.0	8.4	50	240	190	0	95.4	79.8	2614	0	3327
6810.0	5.0	8.4	46	240	194	0	95.2	79.7	2619	0	3331
6815.0	5.0	8.5	45	240	195	0	95.1	79.9	2618	0	3335
6820.0	5.0	8.6	46	240	194	0	95.0	79.8	2627	0	3337
6825.0	5.0	8.6	43	240	197	0	95.5	80.0	2640	0	3339
6830.0	5.0	8.7	44	240	196	0	94.4	78.3	2582	0	3341
6835.0	5.0	8.7	40	240	200	0	94.3	78.5	2579	0	3348
	4646										
6840.0	5.0	8.8	44	240	196	0	93.9	78.8	2583	0	3353
6845.0	5.0	8.8	44	240	196	0	94.3	78.6	2585	0	3362
6850.0	5.0	8.9	42	240	198	0	94.2	78.7	2586	0	3355
6860.0	10.0	9.0	45	241	196	0	95.3	80.4	2651	0	3350
6865.0	5.0	9.1	46	241	195	0	96.3	81.9	2711	0	3347
6870.0	5.0	9.1	46	241	195	0	96.5	81.4	2712	0	3353
6875.0	5.0	9.2	48	242	194	0	96.3	81.6	2704	0	3354
6880.0	5.0	9.2	48	242	194	0	96.1	81.4	2702	0	3354
6885.0	5.0	9.3	47	242	195	0	95.9	81.0	2683	0	3361
6890.0	5.0	9.4	47	242	195	0	96.5	83.9	2791	0	3362
	4697										
6895.0	5.0	9.4	49	242	193	0	96.3	83.0	2744	0	3366
6900.0	5.0	9.5	47	242	195	0	93.0	77.8	2544	0	3373
6905.0	5.0	9.6	49	242	193	0	93.5	77.8	2559	0	3378
6910.0	5.0	9.6	48	242	194	0	93.6	78.1	2569	0	3386
6915.0	5.0	9.7	49	242	193	0	93.2	77.5	2565	0	3381
6920.0	5.0	9.8	48	237	195	0	91.3	80.7	2580	0	3384
6925.0	5.0	9.8	49	244	194	0	89.5	83.1	2613	0	3390
6930.0	5.0	9.9	49	244	194	0	89.7	83.7	2623	0	3396
6935.0	5.0	9.9	49	243	194	0	89.4	83.8	2632	0	3403
6940.0	5.0	10.0	48	243	195	0	90.1	83.8	2646	0	3405
	4745										
6945.0	5.0	10.1	49	243	194	0	89.9	83.7	2652	0	3403
6950.0	5.0	10.1	48	241	195	0	90.8	83.6	2669	0	3409
6955.0	5.0	10.2	49	243	194	0	94.0	83.8	2734	0	3421
6960.0	5.0	10.2	49	243	194	0	93.3	83.5	2731	0	3426
6965.0	5.0	10.3	48	243	195	0	92.9	84.1	2726	0	3427
6970.0	5.0	10.4	50	243	193	0	92.6	83.1	2701	0	3431
6975.0	5.0	10.4	49	243	194	0	92.5	83.7	2717	0	3431
6980.0	5.0	10.5	50	243	195	0	92.7	83.5	2709	0	3433
6985.0	5.0	10.5	48	243	195	0	89.7	81.6	2591	0	3436
6990.0	5.0	10.6	50	243	193	0	89.8	81.7	2598	0	3440
	4792										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
4792											
6995.0	5.0	10.6	48	243	195	0	89.6	81.2	2590	0	3444
7000.0	5.0	10.7	48	243	195	0	89.4	81.1	2579	0	3452
7005.0	5.0	10.7	47	243	196	0	89.3	81.5	2591	0	3457
7010.0	5.0	10.8	48	243	195	0	88.5	80.1	2604	0	3462
7014.0	4.0	10.8	49	243	194	0	90.2	81.3	2613	0	3492

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DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPP	PCSG	HSP
	64										
				NEW BIT ID:	5						
7020.0	.0	.1	51	244	193	0	96.2	86.6	2734	0	3445
7025.0	5.0	.1	49	244	195	0	92.3	83.1	2733	0	3451
7030.0	5.0	.2	50	244	194	0	92.1	83.3	2731	0	3455
7035.0	5.0	.2	48	244	196	0	92.3	83.0	2715	0	3460
7040.0	5.0	.3	49	244	195	0	92.6	83.6	2735	0	3465
7045.0	5.0	.3	47	244	197	0	92.5	83.6	2740	0	3545
7050.0	5.0	.4	47	244	197	0	90.9	82.9	2695	0	3483
7055.0	5.0	.4	49	244	195	0	90.4	83.4	2674	0	3484
7060.0	5.0	.5	49	244	195	0	90.3	82.9	2680	0	3491
7065.0	5.0	.5	49	244	195	0	89.7	82.6	2660	0	3501
	112										
7070.0	5.0	.6	50	244	194	0	89.6	83.0	2665	0	3503
7075.0	5.0	.6	49	244	195	0	89.9	83.0	2684	0	3490
7080.0	5.0	.7	50	244	193	0	112.0	77.8	1597	0	3480
7085.0	5.0	.8	50	244	194	0	116.9	.0	1381	0	3479
7090.0	5.0	.8	50	244	194	0	117.1	.0	1377	0	3479
7095.0	5.0	.9	50	244	194	0	95.9	67.7	1894	0	3479
7100.0	5.0	.9	50	244	194	0	113.9	13.3	1338	0	3464
7105.0	5.0	1.0	50	244	194	0	113.5	1.7	1466	0	3475
7110.0	5.0	1.0	45	236	193	0	118.5	7.4	1430	0	3464
7115.0	5.0	1.1	41	236	195	0	110.1	29.1	1864	0	3483
	153										
7120.0	5.0	1.2	43	238	194	0	90.4	85.2	2770	0	3482
7125.0	5.0	1.2	51	244	193	0	110.8	76.1	1529	0	3478
7130.0	5.0	1.3	50	244	194	0	115.5	43.5	1364	0	3513
7135.0	5.0	1.4	50	244	194	0	114.9	32.6	1357	0	3514
7140.0	5.0	1.4	49	241	193	0	116.3	.0	1391	0	3503
7145.0	5.0	1.5	48	244	196	0	120.3	.0	1463	0	3526
7150.0	5.0	1.5	47	244	197	0	120.3	.0	1463	0	3505
7155.0	5.0	1.6	48	244	196	0	120.7	.0	1469	0	3522
7160.0	5.0	1.7	46	244	198	0	121.2	.0	1480	0	3503
7165.0	5.0	1.7	47	244	197	0	121.7	.0	1490	0	3523
	200										
7170.0	5.0	1.8	47	244	197	0	121.5	.0	1498	0	3520
7175.0	5.0	1.8	45	245	200	0	115.3	6.2	1637	0	3535
7180.0	5.0	1.9	45	245	200	0	88.2	84.6	2743	0	3550
7185.0	5.0	2.0	45	245	200	0	88.3	84.2	2735	0	3519
7190.0	5.0	2.0	44	245	201	0	88.5	84.2	2745	0	3544
7195.0	5.0	2.1	46	245	199	0	88.4	84.7	2746	0	3539
7200.0	5.0	2.1	45	245	200	0	88.3	84.5	2755	0	3545
7205.0	5.0	2.2	44	245	200	0	93.4	79.9	2767	0	3550
7215.0	10.0	2.3	44	245	200	0	97.5	76.2	2614	0	3556
7220.0	5.0	2.3	45	245	200	0	121.8	.0	1527	0	3553
	249										
7225.0	5.0	2.4	45	245	200	0	122.7	.0	1531	0	3567
7230.0	5.0	2.5	45	245	200	0	122.1	.0	1522	0	3558
7235.0	5.0	2.5	42	240	199	0	121.6	.0	1518	0	3561
7240.0	5.0	2.6	43	243	199	0	114.7	21.1	1272	0	3568
7245.0	5.0	2.6	47	245	198	0	86.9	158.6	2871	0	3591
7250.0	5.0	2.7	46	245	199	0	86.5	177.9	2868	0	3596
7255.0	5.0	2.7	45	245	200	0	86.7	150.6	2856	0	3580

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	282										
7260.0	5.0	2.8	45	245	200	0	86.8	178.1	2866	0	3595
7265.0	5.0	2.8	45	245	200	0	87.6	144.5	2861	0	3577
7270.0	5.0	2.9	47	244	197	0	99.9	86.1	2918	0	3589
7275.0	5.0	3.0	47	244	197	0	100.0	92.2	2926	0	3592
7280.0	5.0	3.0	46	244	198	0	100.0	85.0	2936	0	3581
7285.0	5.0	3.1	45	244	199	0	100.0	79.1	2937	0	3582
7290.0	5.0	3.2	45	244	199	0	100.1	79.3	2950	0	3589
7295.0	5.0	3.3	45	244	199	0	100.0	81.3	2950	0	3592
7300.0	5.0	3.3	38	237	200	0	93.2	84.2	2813	0	3587
7305.0	5.0	3.4	44	243	198	0	87.5	88.2	2695	0	3588
	331										
7310.0	5.0	3.5	46	244	198	0	85.3	83.0	2662	0	3590
7315.0	5.0	3.5	46	244	198	0	85.7	82.9	2656	0	3591
7320.0	5.0	3.6	46	244	198	0	85.9	83.8	2657	0	3584
7325.0	5.0	3.7	45	244	199	0	85.4	124.6	2666	0	3577
7330.0	5.0	3.7	43	240	197	0	82.9	143.9	2634	0	3574
7335.0	5.0	3.8	43	238	196	0	81.9	152.8	2620	0	3580
7340.0	5.0	3.8	42	240	197	0	81.8	151.9	2618	0	3588
7345.0	5.0	3.9	48	245	197	0	81.9	153.3	2618	0	3589
7350.0	5.0	4.0	47	245	198	0	82.0	155.2	2621	0	3586
7355.0	5.0	4.0	47	245	198	0	82.0	156.6	2625	0	3586
	378										
7360.0	5.0	4.1	46	245	198	0	80.1	160.2	2589	0	3585
7365.0	5.0	4.2	48	245	197	0	78.3	157.2	2591	0	3588
7370.0	5.0	4.2	48	245	197	0	78.0	155.9	2595	0	3593
7375.0	5.0	4.3	47	245	198	0	78.4	152.7	2602	0	3601
7380.0	5.0	4.4	47	245	198	0	78.3	155.5	2607	0	3601
7385.0	5.0	4.4	48	245	197	0	78.5	156.9	2614	0	3611
7390.0	5.0	4.5	46	241	197	0	79.6	158.6	2643	0	3630
7395.0	5.0	4.6	40	236	196	0	86.3	160.5	2739	0	3625
7400.0	5.0	4.6	47	244	196	0	85.9	156.2	2741	0	3625
7405.0	5.0	4.7	49	246	197	0	85.8	153.8	2744	0	3618
	425										
7410.0	5.0	4.8	49	246	197	0	86.1	154.4	2753	0	3615
7415.0	5.0	4.8	50	246	196	0	86.3	155.6	2763	0	3616
7420.0	5.0	4.9	49	246	196	0	86.6	157.6	2764	0	3621
7425.0	5.0	5.0	43	240	197	0	83.6	158.5	2658	0	3611
7430.0	5.0	5.0	49	245	196	0	83.5	158.1	2651	0	3628
7435.0	5.0	5.1	49	245	196	0	83.2	156.2	2652	0	3630
7440.0	5.0	5.2	49	245	196	0	83.4	157.6	2656	0	3628
7445.0	5.0	5.2	50	245	195	0	83.4	157.5	2666	0	3624
7450.0	5.0	5.3	49	245	196	0	83.6	158.3	2668	0	3634
7455.0	5.0	5.4	41	237	198	0	83.8	157.6	2667	0	3629
	473										
7460.0	5.0	5.4	39	237	198	0	84.2	163.6	2670	0	3631
7465.0	5.0	5.5	39	237	198	0	84.5	167.4	2681	0	3635
7470.0	5.0	5.5	39	237	198	0	84.3	166.1	2675	0	3639
7475.0	5.0	5.6	40	237	197	0	84.2	157.9	2680	0	3644
7480.0	5.0	5.7	39	237	198	0	83.8	153.9	2680	0	3644
7485.0	5.0	5.7	45	243	198	0	81.8	129.4	2558	0	3653
7490.0	5.0	5.8	45	245	199	0	82.0	146.0	2770	0	3665
7495.0	5.0	5.9	45	245	200	0	82.1	145.3	2762	0	3670
7500.0	5.0	6.0	45	246	201	0	83.6	122.5	2786	0	3648
7505.0	5.0	6.0	47	246	199	0	86.5	85.3	2853	0	3634
	521										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	521										
7510.0	5.0	6.1	49	246	197	0	87.4	84.1	2841	0	3639
7520.0	10.0	6.2	50	246	196	0	83.3	84.3	2740	0	3654
7525.0	5.0	6.3	49	246	197	0	82.6	84.6	2724	0	3661
7530.0	5.0	6.4	49	246	197	0	82.7	84.8	2727	0	3669
7535.0	5.0	6.4	48	246	198	0	82.5	84.8	2741	0	3677
7540.0	5.0	6.5	48	246	198	0	81.8	84.7	2754	0	3696
7545.0	5.0	6.6	48	246	198	0	82.6	84.5	2760	0	3709
7550.0	5.0	6.7	47	246	199	0	82.4	85.6	2789	0	3725
7555.0	5.0	6.7	49	246	197	0	82.9	86.0	2810	0	3722
7560.0	5.0	6.9	32	245	213	0	84.3	82.0	2726	0	3708
	570										
7565.0	5.0	7.1	23	245	222	0	83.7	83.9	2627	0	3707
7570.0	5.0	7.3	25	245	220	0	82.8	84.0	2620	0	3719
7575.0	5.0	7.5	23	245	222	0	82.2	84.1	2617	0	3730
7580.0	5.0	7.8	22	245	223	0	82.1	83.9	2674	0	3752
7585.0	5.0	8.0	23	246	223	0	84.3	81.8	2660	0	3779
7590.0	5.0	8.2	28	246	218	0	81.9	83.2	2646	0	3794
7595.0	5.0	8.4	28	246	218	0	82.1	84.0	2647	0	3800
7600.0	5.0	8.5	29	246	217	0	81.3	83.0	2611	0	3804
7605.0	5.0	8.7	29	246	217	0	81.2	83.2	2608	0	3816
7610.0	5.0	8.9	28	246	218	0	81.4	82.8	2656	0	3846
	620										
7615.0	5.0	9.0	29	247	218	0	84.3	80.7	2679	0	3905
7620.0	5.0	9.2	27	247	220	0	84.2	80.5	2688	0	3892
7625.0	5.0	9.4	27	247	220	0	84.5	80.8	2671	0	3873
7630.0	5.0	9.5	27	247	220	0	84.6	80.9	2677	0	3851
7635.0	5.0	9.7	26	247	221	0	84.3	80.9	2680	0	3836
7640.0	5.0	10.0	22	247	225	0	83.9	80.4	2662	0	3836
7645.0	5.0	10.3	23	248	225	0	86.5	77.7	2654	0	3855
7650.0	5.0	10.5	22	248	226	0	93.2	77.8	2802	0	3856
7655.0	5.0	10.8	23	248	225	0	93.1	78.0	2798	0	3860
7660.0	5.0	11.0	23	248	225	0	92.9	78.2	2804	0	3872
	669										
7665.0	5.0	11.3	22	248	226	0	92.5	77.9	2801	0	3888
7670.0	5.0	11.6	22	248	226	0	92.4	78.0	2784	0	3898
7675.0	5.0	11.8	22	248	226	0	94.5	76.6	2811	0	3899
7680.0	5.0	12.0	28	248	220	0	93.5	82.3	2946	0	3895
7685.0	5.0	12.2	27	249	222	0	93.7	82.8	2967	0	3892
7690.0	5.0	12.5	25	249	224	0	93.8	82.5	2977	0	3894
7695.0	5.0	12.8	23	249	226	0	93.6	82.1	2954	0	3901
7700.0	5.0	13.0	24	249	225	0	93.7	81.9	2946	0	3902
7705.0	5.0	13.2	26	250	224	0	94.1	80.5	2928	0	3888
7710.0	5.0	13.4	27	250	223	0	105.2	56.3	1547	0	3887
	718										
7715.0	5.0	13.7	27	250	223	0	98.5	58.4	2691	0	3895
7720.0	5.0	13.9	27	250	223	0	93.6	84.3	3049	0	3910
7725.0	5.0	14.2	26	250	224	0	93.4	84.8	3044	0	3919
7730.0	5.0	14.4	25	250	225	0	92.4	84.5	3033	0	3918
7735.0	5.0	14.6	25	250	225	0	87.6	83.0	2729	0	3918
7740.0	5.0	14.9	25	251	226	0	83.6	72.9	2660	0	3916
7745.0	5.0	15.2	25	251	226	0	88.3	87.2	3025	0	3909
7750.0	5.0	15.5	25	251	226	0	88.4	87.3	3034	0	3894
7755.0	5.0	15.8	26	251	225	0	88.6	88.2	3053	0	3877
7760.0	5.0	16.1	27	251	224	0	88.6	87.5	3055	0	3854
	767										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPP	PCSG	HSP
	767										
7765.0	5.0	16.4	27	251	224	0	87.9	87.7	3036	0	3827
7770.0	5.0	16.6	30	252	222	0	90.2	85.6	3068	0	3833
7775.0	5.0	16.8	30	252	222	0	91.5	85.5	3084	0	3854
7780.0	5.0	17.0	28	252	224	0	91.8	85.7	3092	0	3876
7785.0	5.0	17.3	28	252	224	0	91.7	85.8	3100	0	3883
7790.0	5.0	17.5	27	252	225	0	91.4	86.1	3099	0	3886
7795.0	5.0	17.8	27	252	225	0	92.0	85.8	3105	0	3888
7800.0	5.0	18.0	28	252	224	0	86.2	85.7	2933	0	3891
7805.0	5.0	18.3	30	252	222	0	83.3	86.3	2878	0	3895
7810.0	5.0	18.5	28	252	224	0	85.8	86.1	2954	0	3908
	817										
7815.0	5.0	18.7	29	252	223	0	89.7	85.2	3029	0	3922
7820.0	5.0	18.9	28	252	224	0	89.4	85.6	3029	0	3930
7825.0	5.0	19.1	30	252	222	0	89.7	85.1	3027	0	3934
7830.0	5.0	19.3	31	251	220	0	85.6	82.6	2887	0	3922
7835.0	5.0	19.5	29	252	223	0	89.6	85.9	3058	0	3933
7840.0	5.0	19.7	31	252	221	0	91.0	83.3	3007	0	3944
7845.0	5.0	19.9	30	252	222	0	91.5	82.6	2997	0	3964
7850.0	5.0	20.0	27	252	225	0	91.4	82.8	2996	0	3975
7851.0	1.0	20.1	31	252	221	0	91.4	82.5	2979	0	3979
				NEW BIT ID:	-1	CORE # 1					
7855.0	.0	.3	12	252	239	0	54.2	.0	1037	0	3979
	864										
7860.0	5.0	.9	13	253	240	0	60.3	.0	1147	0	3968
7865.0	5.0	1.1	13	254	241	0	43.5	.0	765	0	3975
7870.0	5.0	1.4	16	255	239	0	44.0	.0	840	0	3979
7875.0	5.0	1.6	14	255	241	0	48.6	.0	895	0	3998
7880.0	5.0	1.9	14	255	241	0	49.0	.0	908	0	3989
7885.0	5.0	2.7	15	255	240	0	59.9	.0	1107	0	3982
7888.0	3.0	3.2	15	255	240	0	59.5	.0	1091	0	3978
				NEW BIT ID:	-2	CORE # 2					
7890.0	.0	.1	15	255	240	0	62.5	.0	1153	0	3923
7895.0	5.0	.2	17	255	238	0	61.0	.0	1200	0	3924
7900.0	5.0	.5	16	255	239	0	52.4	.0	950	0	3954
	913										
7905.0	5.0	1.0	17	255	238	0	49.2	.0	924	0	3962
7910.0	5.0	1.5	16	255	239	0	63.8	.0	1246	0	3971
7915.0	5.0	1.7	15	255	240	0	63.4	.0	1215	0	3980
7920.0	5.0	1.8	17	255	238	0	63.0	.0	1237	0	3989
7925.0	5.0	2.0	16	255	239	0	62.3	.0	1188	0	4001
7929.0	4.0	2.1	16	255	239	0	61.4	.0	1209	0	4012
				NEW BIT ID:	-3	CORE # 3					
7930.0	.0	.1	12	255	241	0	47.6	.0	1144	0	3996
7935.0	5.0	.2	20	255	235	0	49.5	.0	1232	0	3999
7940.0	5.0	.4	17	255	238	0	49.6	.0	1179	0	4005
7945.0	5.0	.6	17	255	238	0	49.7	.0	1202	0	4009
	962										
7950.0	5.0	.9	16	255	239	0	50.1	.0	1171	0	4012

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	967										
7955.0	5.0	1.3	18	255	237	0	50.2	.0	1181	0	4015
7960.0	5.0	1.6	17	255	238	0	50.4	.0	1158	0	4012
7965.0	5.0	2.1	18	255	237	0	50.5	.0	1139	0	4003
7970.0	5.0	2.8	16	255	239	0	50.8	.0	1127	0	3997
7974.0	4.0	3.4	18	255	237	0	50.8	.0	1113	0	3999
NEW BIT ID: 6											
7975.0	.0	.0	25	254	229	0	104.6	.0	2796	0	3838
7980.0	5.0	.0	23	254	231	0	104.6	.0	2812	0	4021
7985.0	5.0	.1	23	254	231	0	104.4	.0	2806	0	4023
7990.0	5.0	.3	24	254	230	0	104.3	.0	2796	0	4030
7995.0	5.0	.3	23	254	231	0	512.0	.0	2802	0	4028
	1006										
8000.0	5.0	.3	23	254	231	0	103.9	.0	2794	0	4031
8005.0	5.0	.3	24	254	230	0	102.2	.0	2796	0	4033
8010.0	5.0	.4	23	254	231	0	102.0	.0	2766	0	4037
8015.0	5.0	.5	25	254	229	0	101.3	.0	2733	0	4042
8020.0	5.0	.5	23	254	231	0	101.6	.0	2737	0	4046
8025.0	5.0	.6	23	254	231	0	103.2	.0	2753	0	4051
8030.0	5.0	.6	24	254	230	0	102.7	.0	2752	0	4055
8035.0	5.0	.7	25	254	229	0	102.7	.0	2733	0	4059
8040.0	5.0	.8	23	254	231	0	104.1	.0	2777	0	4064
8045.0	5.0	.8	23	254	231	0	104.9	.0	2815	0	4068
	1048										
8050.0	5.0	.9	23	254	231	0	104.6	.0	2815	0	4073
8055.0	5.0	.9	23	254	231	0	104.5	.0	2813	0	4077
8060.0	5.0	1.0	23	254	231	0	104.7	.0	2815	0	4082
8065.0	5.0	1.1	23	254	231	0	105.0	.0	2826	0	4087
8070.0	5.0	1.1	25	255	230	0	104.5	.0	2813	0	4090
8075.0	5.0	1.2	25	256	231	0	104.3	.0	2810	0	4092
8080.0	5.0	1.3	24	256	232	0	105.2	.0	2849	0	4094
8085.0	5.0	1.4	25	256	231	0	106.4	.0	2899	0	4097
8090.0	5.0	1.5	25	256	231	0	106.1	.0	2892	0	4099
8095.0	5.0	1.6	25	256	231	0	105.9	.0	2876	0	4103
	1098										
8100.0	5.0	1.6	25	256	231	0	105.5	.0	2700	0	4104
8105.0	5.0	1.7	24	257	233	0	105.1	.0	2773	0	4100
8110.0	5.0	1.8	24	257	233	0	105.1	.0	2787	0	4103
8115.0	5.0	1.9	24	257	233	0	105.0	.0	2795	0	4107
8120.0	5.0	2.0	24	257	233	0	105.3	.0	2795	0	4110
8125.0	5.0	2.1	25	257	232	0	105.4	.0	2795	0	4112
8130.0	5.0	2.2	24	257	233	0	105.3	.0	2796	0	4115
8135.0	5.0	2.3	24	258	234	0	103.3	.0	2796	0	4117
8140.0	5.0	2.4	25	258	233	0	104.2	.0	2796	0	4121
8145.0	5.0	2.5	25	258	233	0	105.2	.0	2796	0	4126
	1145										
8150.0	5.0	2.5	25	258	233	0	105.4	.0	2796	0	4130
8155.0	5.0	2.6	24	258	234	0	105.1	.0	2795	0	4133
8160.0	5.0	2.7	24	258	234	0	105.5	.0	2795	0	4136
8165.0	5.0	2.8	25	258	233	0	105.1	.0	2795	0	4138
8170.0	5.0	2.9	28	259	231	0	102.9	.0	2731	0	4139
8175.0	5.0	3.0	26	259	233	0	103.5	.0	2811	0	4141
8180.0	5.0	3.1	27	259	232	0	103.7	.0	2819	0	4144

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1180											
8185.0	5.0	3.2	26	259	233	0	103.4	.0	2825	0	4147
8190.0	5.0	3.3	27	259	232	0	103.8	.0	2831	0	4150
8195.0	5.0	3.4	27	259	232	0	103.7	.0	2831	0	4153

D YOU WISH ADDITIONAL LISTINGS ? (Y OR N)

PE603169

This is an enclosure indicator page.
The enclosure PE603169 is enclosed within the container PE904820 at this location in this document.

The enclosure PE603169 has the following characteristics:

ITEM_BARCODE	= PE603169
CONTAINER_BARCODE	= PE904820
NAME	= Cobia 2 ES Drill Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Cobia 2 ES Drill Log
REMARKS	=
DATE_CREATED	= 14/05/77
DATE_RECEIVED	=
W_NO	= W689
WELL_NAME	= Cobia-2
CONTRACTOR	= Core Laboratories International Ltd.
CLIENT_OP_CO	= Esso Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603170

This is an enclosure indicator page.
The enclosure PE603170 is enclosed within the container PE904820 at this location in this document.

The enclosure PE603170 has the following characteristics:

ITEM_BARCODE	= PE603170
CONTAINER_BARCODE	= PE904820
NAME	= Cobia 2 ES Temperature Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Cobia 2 ES Temperature Log
REMARKS	=
DATE_CREATED	= 14/05/77
DATE_RECEIVED	=
W_NO	= W689
WELL_NAME	= Cobia-2
CONTRACTOR	= Core Laboratories International Ltd.
CLIENT_OP_CO	= Esso Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603171

This is an enclosure indicator page.
The enclosure PE603171 is enclosed within the container PE904820 at this location in this document.

The enclosure PE603171 has the following characteristics:

ITEM_BARCODE	= PE603171
CONTAINER_BARCODE	= PE904820
NAME	= Cobia 2 ESP Pressure Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Cobia 2 ESP Pressure Log
REMARKS	=
DATE_CREATED	= 14/05/77
DATE_RECEIVED	=
W_NO	= W689
WELL_NAME	= Cobia-2
CONTRACTOR	= Core Laboratories International Ltd.
CLIENT_OP_CO	= Esso Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603172

This is an enclosure indicator page.
The enclosure PE603172 is enclosed within the container PE904820 at this location in this document.

The enclosure PE603172 has the following characteristics:

ITEM_BARCODE	= PE603172
CONTAINER_BARCODE	= PE904820
NAME	= Cobia 2 ES Geoplot 1
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Cobia 2 ES Geoplot 1
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	=
W_NO	= W689
WELL_NAME	= Cobia-2
CONTRACTOR	= Core Laboratories International Ltd.
CLIENT_OP_CO	= Esso Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603173

This is an enclosure indicator page.
The enclosure PE603173 is enclosed within the container PE904820 at this location in this document.

The enclosure PE603173 has the following characteristics:

ITEM_BARCODE	= PE603173
CONTAINER_BARCODE	= PE904820
NAME	= Cobia 2 ES Geoplot 2
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Cobia 2 ES Geoplot 2
REMARKS	= Print of Logs is faint and hard to read.
DATE_CREATED	=
DATE_RECEIVED	=
W_NO	= W689
WELL_NAME	= Cobia-2
CONTRACTOR	= Core Laboratories International Ltd.
CLIENT_OP_CO	= Esso Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603174

This is an enclosure indicator page.
The enclosure PE603174 is enclosed within the container PE904820 at this location in this document.

The enclosure PE603174 has the following characteristics:

ITEM_BARCODE	= PE603174
CONTAINER_BARCODE	= PE904820
NAME	= Cobia 2 Grapholog
BASIN	= GIPPSLAND
PERMIT	= VIC/L5
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Cobia 2 Grapholog
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	=
W_NO	= W689
WELL_NAME	= Cobia-2
CONTRACTOR	= Core Laboratories International Ltd.
CLIENT_OP_CO	= Esso Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)