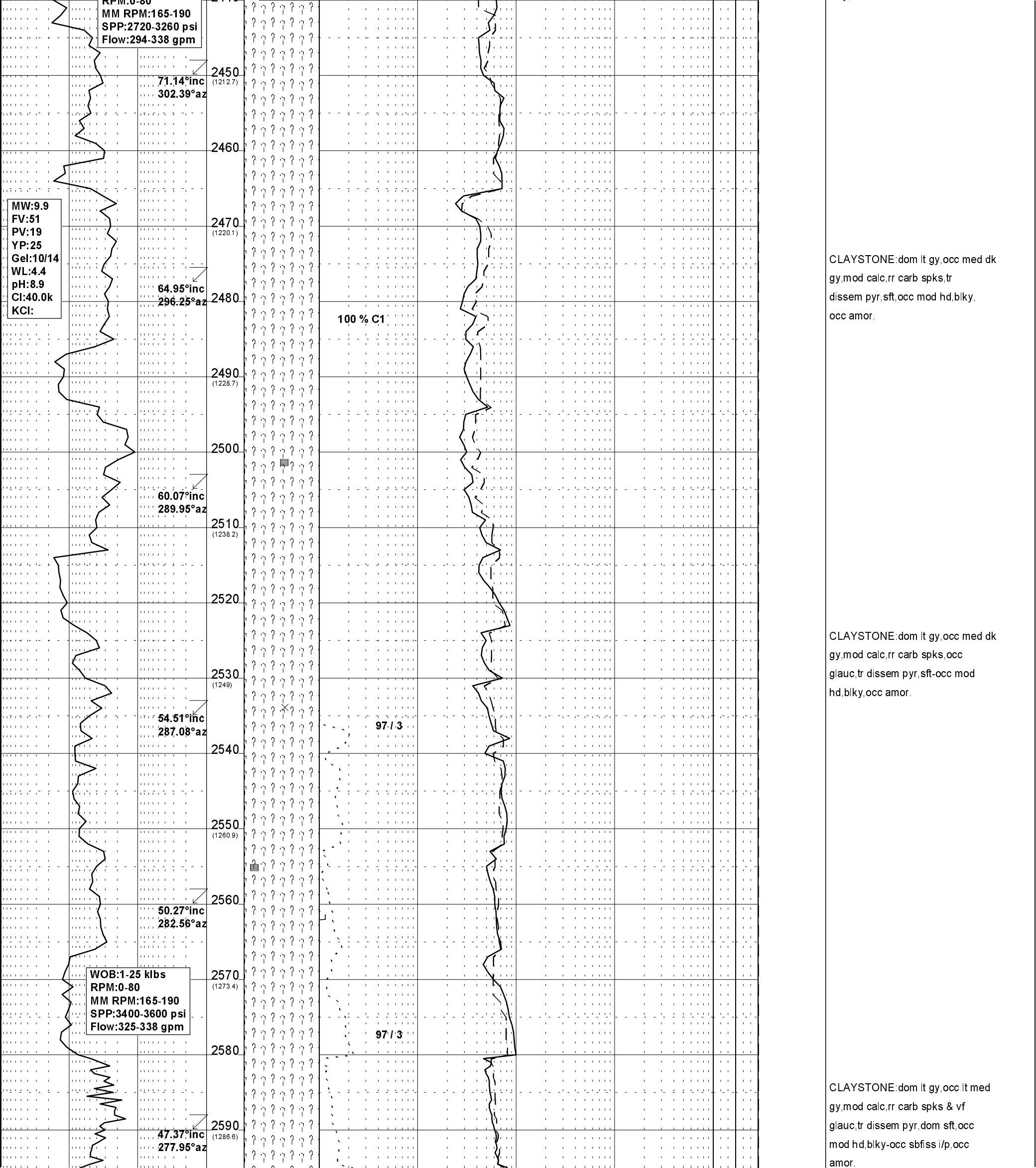
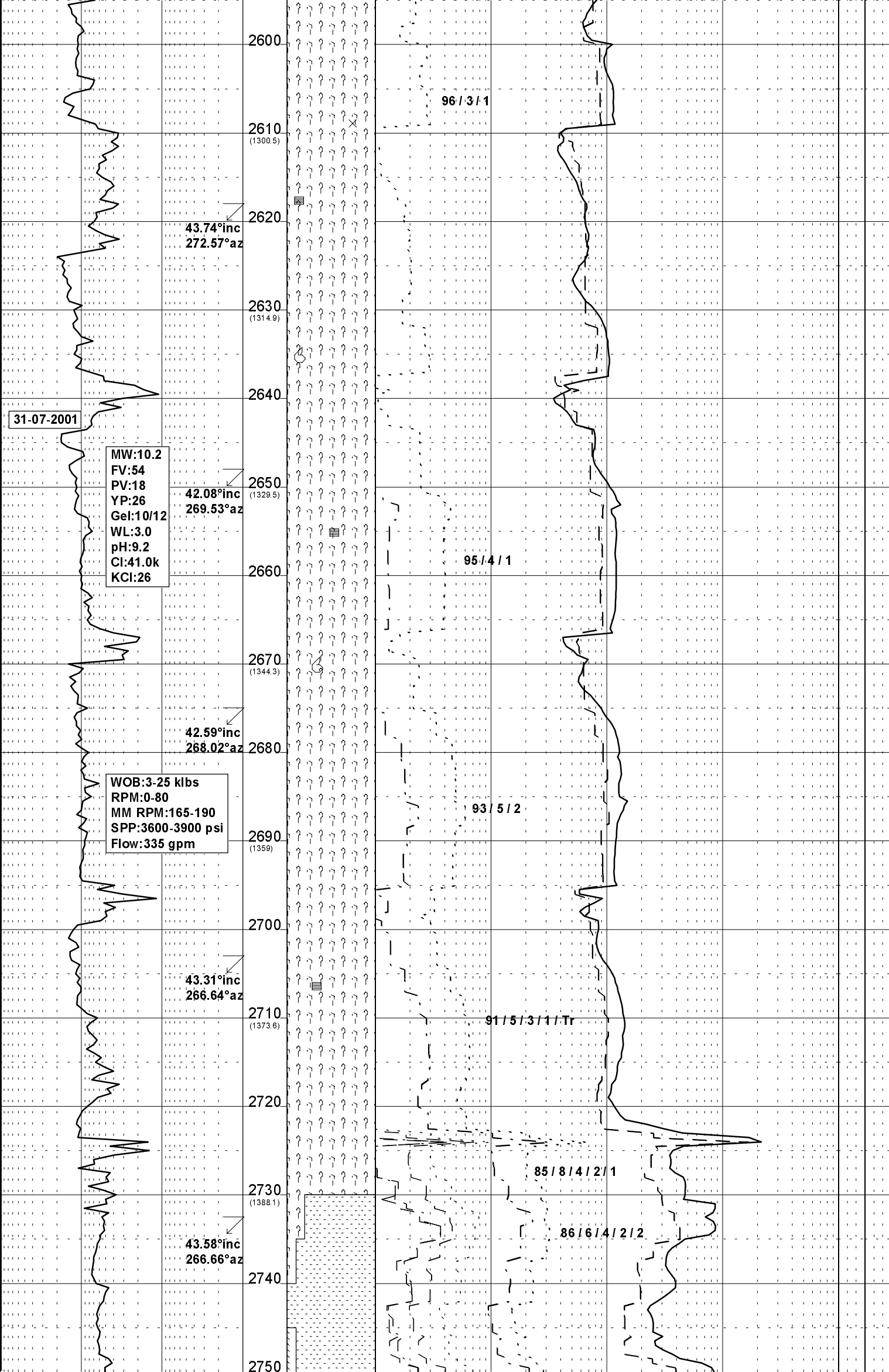




GENERAL			POSITION			HOLE / CASING INFO			DATE / DEPTH			ENGINEERS					
Country : AUSTRALIA Permit : VIC-L4 Field : WEST TUNA Basin : GIPPSLAND Well Type : Development Rig Name : ISDL-453			Local Co-ord X : 9.0 mE Local Co-ord Y : 0.0 mS AMG Co-ord X : 621489.42 mE AMG Co-ord Y : 5771796.88 mN RT to MSL : 34.69 m RT to Sea Bed : 95.69 m			6" Hole to 2833 m 4-1/2" Liner Shoe @ 2829 m			Spud Date : 30-07-2001 Total Depth Date : 31-07-2001 Total Depth : 2833 m True Vertical Depth : 1462.7 m Log Scale : 1/ 500 Depth From (m): 2390 To: 2840			Greg Fawns Gedeon Doczy					
ABBREVIATIONS						LITHOLOGY LEGEND						ENGINEERING LEGEND					
MW Mud Weight FV Funnel Viscosity PV Plastic Viscosity YP Yield Point Gel Gel Strength WL Water Loss KCl Potassium Chloride Cl Chlorides Incl Inclination Az Azimuth			WOB Weight on Bit (klbs) RPM Rotations Per Min FLW Flow Rate (gpm) SPP Pump Pressure (psi) RR Re-Run Bit TG Trip Gas CG Connection Gas BG Background Gas DGP Drilled Gas Peak MM Mud Motor			<div><div> CLAYSTONE</div><div> SILTSTONE</div><div> SST: F - V FINE</div><div> SST: MEDIUM</div><div> SST: COARSE</div><div> SHALE</div></div> <div><div> MARL</div><div> LIMESTONE</div><div> DOLOMITE</div><div> CHERT</div><div> CONGLOMERATE</div><div> COAL</div></div> <div><div> BRYOZOA</div><div> RADIOLARITES</div><div> ECHINOIDS</div><div> CORALS</div><div> FORAMINIFERA</div><div> LITHIC FRAGMENT</div></div> <div><div> CARB FRAGMENT</div><div> QUARTZITE</div><div> INTRUSIVES</div><div> GLAUCONITE</div><div> PYRITE</div><div> CEMENT</div></div>			<div><div> CASING SHOE</div><div> LINER HANGER</div><div> BIT CHANGE</div><div> DEVIA. SURVEY</div><div> SWC UNRECOV</div><div> SIDEWALL CORE</div><div> CORE</div></div> <div><div> WIRELINE LOGS</div><div>MDT POINTS:</div><div> PRESSURE ONLY</div><div> SAMPLE</div><div> SEAL FAILURE</div><div> TIGHT</div></div>								
RATE OF PENETRATION		DEPTH (m) (TVD)	CUTTINGS LITHOLOGY	TOTAL GAS & CHROMATOGRAPH DATA						CUT FLUOR	DIRECT FLUOR	CALCIMETRY % CALCITE DOLOMITE	LITHOLOGICAL DESCRIPTIONS and REMARKS				
metres/hour				C1 — — iC4 — — nC5 — —		C2 - - - - nC4 - - - -		C3 — - — iC5 — - — TG — — —									
500	50	5	.5	0	100	.5 .01	5 .1	50 1	500 10	5K 100	good good good fair poor	0	100				
				2390													
				2400													
				2410													
				2420													
				2430													
				2440													
30-07-2001				PRESSURE INTEGRITY TEST @ 2410m, 532psi, 12.5ppg EMW													
Bit #1: 6" Geodiamond S75PX Jets: 5x15 In: 2410m Out: 2833m Run: 423m Hrs: 15.35 Cond: 1-1-WT,BT -A,N-X4-CT-TD				WEST TUNA W-4a - REDRILL Drilled ahead from window @ 04:45 HRS ON 30-07-2001													
WOB:1-14 klbs RPM:0.00				Drill with downhole motor at 0.56 revolutions/gallon													
				No H2S or CO2 Detected													
				CLAYSTONE:lt gy-med dk gy,wkly calc,rr carb spks,sft,occ mod hd blk,occ amor.													





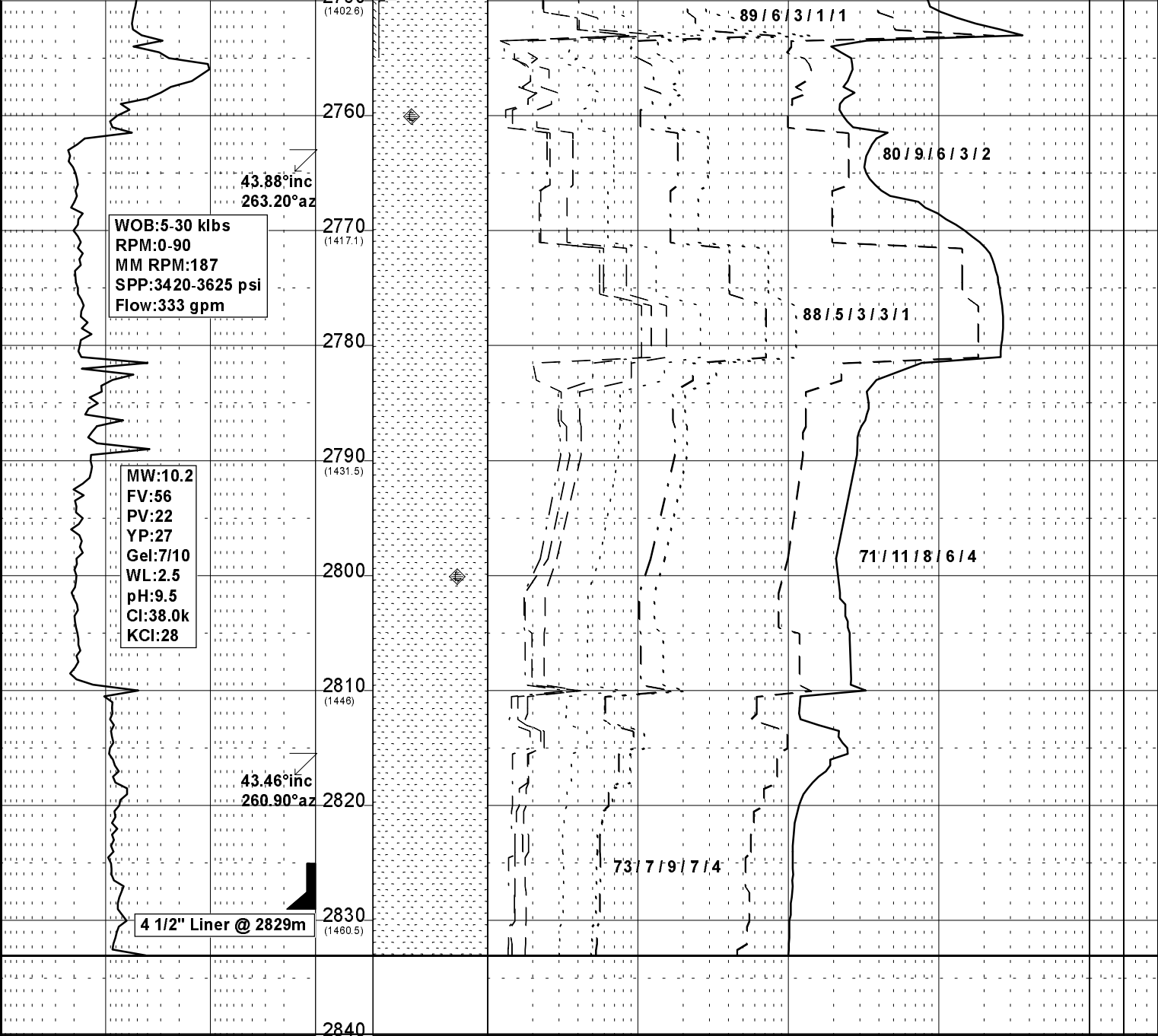
Abundant contamination with Baracarb weighting material.

CLAYSTONE:lt-med gy,lt gy gn, mod calc,tr micmic,tr dissem pyr tr carb spks & flks,occ foss (Forams),sft frm,pred blkysbbkly,occ amor.

CLAYSTONE: 1)90% lt gy-med lt gy,mnr med dk gy,tr gn gy,wk calc,rr slt,tr dissem pyr,loc tr carb spks,tr micmic,sft-occ frm, tr frm-mod hd,amor-sbbkly. 2) 10% pl yel org-dk yel org,lim stng,mod calc,tr glauc,v sft, disp,amor.

SANDSTONE:clr,trnsl,occ mlky,vf-med,mod srt,sa-sr,tr pyr,tr glauc,lse,v gd inf por,no fluor

SILTSTONE:lt gy,lt gnsh gy,med



gn gy,arg,wk calc,rr carb spks,
sft-mod hd,sbbiky-blky,occ amor

SANDSTONE:clr,trnsl,occ mlky,vf-
med,occ crs,sr-sa,occ ang,occ
wh-lt gy arg mtx,dom lse,tr pyr,
v gd inf por,no fluor.

SANDSTONE:dom mlky,clr,trnsl,vf-
med,rr crs,mod srt,ang-sr,tr pyr
nod,lse,v gd inf por,no fluor.

WEST TUNA W-4a - REDRILL
TOTAL DEPTH 2833m MDRT
1462.7m TVD REACHED
@ 11:50 HRS ON 31-07-2001