

PARAMOUNT RESOURCES LTD.

RUNNING AND CEMENTING

PRODUCTION CASING

O.D.: 114.3 MMWELL NAME: PARA ETAL BOVIELOC: C76ADATE: 99-01-09K.B. ELEVATION 433.15CSG. FLG: 434.05TOTAL DEPTH (DRILLER) 3464

HOLE SIZE	<u>152</u>	#REF!	
DEPTH M	<u>3464</u>	#REF!	

CSG IN HOLE		#REF!	
DEPTH SET		#REF!	

MUD TYPE: INVERTWT: 1080 KG/M3VISC: 69

WL: _____

BOP'S 11" 5000' - 279mm x 35 mPa

RUNNING

POWER TONGS 242 TORQUE: MAX: 3860 NM NOM 3690 NM MIN 2320TIME PIPE START: 2315 TIME ON BOTTOM 1415 TIME CIRCULATED 1445FILL UP POINTS: EVERY 140m BOTTOM BY CSG _____ UP FROM KB: _____

REMARKS:

RAN 25 STS 820 NRE 114.3mm CSG. OVERALL LENGTH 353.14m
 LANDED 87m OF ACP @ 2905m KB. IN LINE HANGAR
 DROPPED BALL PUMPED BALL. INFLATE PACKER W/ RIG PUMP. OPENED STAGE
 TOOL W/ NEWSCO (CARTER) FLUSHED W/ 3rd DRESS. 3rd NEWSCO FLUSH

CEMENTING

CEMENT CO: NEWSCO OPERATOR: CARL PRESET AR. TIME: 10:00TYPES & QUANTITY OF CEMENT: 5.4 TONNE THERMAL 40F + 38.26 + 42 DRY + .52 T16
+ 1% SEPIOLITEHEIGHT TO BE CEMENTED 353.14mFLUSH: 3m³ DIESEL 3m³ NEWSCO MIX TIME: START: 20:08 FIN: 20:08 WT: 1876CALCULATED DISP 11.58 MEASURED DISP. 11.58 START: 20:53 FIN: 21:08DISPLACING FLUID WATER MAX. PRESS 8000 BUMP W/ 13000CEMENT RETURNS TRACE FLOAT _____ WORKED CSG WHILE CMT _____

REMARKS:

DISPLACED plug w/ 11.58m³ WATER. CLOSED STAGE TOOL PRESSURED TO
 21000 KPa BLEED OFF PRESSURE CHECKED FOR PLUG. STAGE TOOL CLOSED
 AND HALLIDAY. PRESSURE UP TO 3500 KPa. ROTATE FREE OF HANGAR. HANGAR
 2m CIRC AND DISPLACE CSG ANNULUS TO WATER.

LANDING

TIME LANDED: _____ DATE: _____ WT. STRING (LESS BLOCKS) daN _____

WT. LANDED IN SLIPS: _____ daN BOWL: _____ SIZE: _____

SERIES _____ SLIP & SEAL ASS: _____

REMARK:

WELL IS FILLED W/ WATER TO 10m FROM TOP

AGENT OF OPERATOR: G.P. Sanders

RUN & CMT PROD