

..... **FAX**

PARAMOUNT RESOURCES LTD.

4000, 350 - 7th Avenue S.W.
Calgary, Alberta
T2P 3W5

Main Fax Number: (403) 262-7994

Drilling Department Fax Number: (403) 266-6032

PLEASE DELIVER THE FOLLOWING PAGES TO:

NAME: ED REYVEN
FAX NO.: 292-5876
FIRM: NATIONAL ENERGY BOARD
DATE: MARCH 25, 1998
FROM: DAWN CARRICO

TOTAL NUMBER OF PAGES 19 INCLUDING COVER PAGE.

DESCRIPTION OF DATA:

Arrowhead O-15 Rig Released on:
Liard F-36 March 24, 06:00.

IF THERE ARE ANY PROBLEMS, PLEASE CALL (403) 266-2047.

.....

Feb. 14/98
- Mar. 24/98

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15						REPORT NO :	38	
						DATE :	03/24/98	
						DEPTH 24:00	903	
OPERATION AT 24:00 HRS :						RIG OUT TOP DRIVE	PROGRESS :	0
OPERATION AT 08:00 HRS :						RIG OUT WAITING ON MORE TRUCKS	DFS :	38
DRILLING FLUID IN USE :						MUD COMPANY :	AFE NO :	13577
DENSITY :		GRAD :		WATER		WELL LICENCE NO :	EL369	
VIS :		600 / 300		CA+		LAST BOP DRILL :	03/13/98	
W.L.		PV / YP		PH		RIG SAFETY DAYS :		
F.C.		GELS 1/10		SOLIDS		MUD ADDITIVES USED :		
DAILY MUD COSTS :						CUMM :		
DAILY WATER COSTS :						CUMM :		
BIT DATA :				DRILLING PARAMETERS :		FLUIDS CONTROL :		
BIT NO :				WOB :		HOLE VOLUME :		
SIZE MM :				RPM :		TANK VOLUME :		
TYPE :				STR. WT. :		BOTTOMS UP :		
SERIAL NO :				SPM 1 :		CIRC. TIME :		
JETS :				SPM 2 :		SHOE SET AT :		
DEPTH IN :				L / STRK :		FLUID LOSSES :		
DEPTH OUT :				M3 / MIN :		FORMATION :		
METERS :	0			PRESSURE :		SUMP VOLUME :		
HRS :				DC VEL :		SUMP FREE BOARD :		
ROP :				DP VEL :		LOADS TO LOC :		
CUM. HRS :				JET VEL :		VOL. HAULED OUT :		
CONDITION :				MACP :		MP 1 RRSP RATE :		
SOLIDS CONTROL :						SURVEYS :		
ITEM :	UNDER FLOW :	OVERFLOW :	L / MIN :	HRS :				
DESANDER :								
DESILTER :								
CENTRI : 1					ELEVATIONS :			
CENTRI : 2					GROUND :	387	KB ELEV : 393.22	
B.H.A.								
DAILY TIME BREAK DOWN :				BOILER :		WEATHER :	CLEAR -5	
MIRU		SLIP/CUT		CORING		CONTRACTOR :	PREC. 622E	
DRILLING		LEAK OFF.		WO WIRE L	8.00	RIG MANAGER :	DENNIS ROSS	
CIRC/DISP		LOST CIRC.		LOG		PHONE :		
TRIP		WELL CNTRL		CEMETING		FOREMAN :	HARVEY PARCELS	
SURVEY		LAY D DP		RUN PLUG	3.00	PHONE :	403-210-1894	
NIPPLE DN	8.00	RIG SVC		WELDING		DRILLING SUPT :	SHIRLEY MAASKANT	
TEAR OUT	5.00	HAND TOOLS		WOC		PREVIOUS COST :	\$3,160,692.00	
TOTAL P :	13.00	TOTAL R :	0.00	TOTAL E :	11.00	DAILY COST :	\$52,892.00	
TOTAL HRS	24.00	REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :	\$3,213,584.00	
24 HRS SUMMARY :		RUN DRILLABLE BRIDGE PLUG SET AT 903 M SET WITH PLAINS PERFORATING BRIDGE PLUG PRESSURE TESTED TO 20000 KPA FOR 15 MIN HELD OK						
REMARKS		CLEAN MUD TANKS WITH STEAM CLEANER , TEAR OUT BOP RIG OUT TOP DRIVE LOAD 15 MULLEN TRUCKS. WAIT ON DAYLIGHT TO LOWER DERRICK. <i>Rig Released March 24, 98.</i> NEXT 24 HRS RIG WILL BE ALL MOVED TO ROAD AND IN TRANSIT						
DIRECTIONS :								
PLANNED :								

130 DRILLING
135 PRODUCTION CSG / CMT.
140 WELLHEAD

AFE NO : 13577
DATE : 16/03/98
FOREMAN : HARVEY PARCELS

TO 22/03/98

RIG : PREC.622E

SPUD IN DATE :
RIG RELEASE DATE :
SPUD TO RIG RELEASE :
BOILER HOURS :

COST DESCRIPTION :		MON. 23	TUES. 24	WED. 25	THURS. 26	FRI. 27	SAT. 28	SUN. 29	TOTALS :
130 01	SITE / ACCESS SURFACE LEASE								0
2	SITE / ACCESS PREP. AND REST.								0
3	DRILLING RIG / CAMP - MOVE IN / OUT								0
4	FUEL								0
5	DRILLING - DAYWORK	10752	10752						21504
6	DRILLING BITS AND ACCESSORIES								0
7	WATER TRUCK	1000	1000						2000
8	VAC TRUCK	2800	3200						6000
9	MUD ADDITIVES								0
10	INTERMEDIATE CASING @ \$ 53.56 / M.								0
11	EQUIPMENT RENTALS	5115	5115						10230
12	DRILLING SUPERVISION	700	700						1400
13	COMMUNICATIONS	100	100						200
15	DIRECTIONAL DRILLING								0
16	CAMP / CREW SUBSISTENCE	2400	2400						4800
17	MEDIC AND SAFETY	525	525						1050
18	AIR DRILLING SERVICES -								0
19	INTERMEDIATE CASING AND ACC.								0
20	PRESSURE TEST								0
21	INTERMEDIATE CEMENTING								0
22	MISCELLANEOUS TRANSPORT	8600	28500						37100
23	CONTRACT SERVICES	7591							7591
24	WELL SITE / GEOLOGY SUPERVISION								0
25	WELL CONTROL INSURANCE	100	100						200
80	PROVINCIAL SALES TAX								0
86	CMT PLUG								0
90	MISCELLANEOUS EXPENSES								0
99	ADMINISTRATION OVERHEAD	500	500						1000
135 02	PRODUCTION CASING @ 28.03 / M.								0
135 19	PRODUCTION CEMENTING								0
140 01	WELL HEAD								0
DAILY TOTALS :		40,183	52,892	0	49,744	0	0	0	
CUMULATIVE TOTAL :		3,160,692	3,213,584	3,160,692	2,773,459	2,966,071	2,966,071	2,966,071	\$93,075.00

FINAL WELL COSTS :

DRILLED : \$93,075.00

CASED : \$93,075.00

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15						REPORT NO :		37		
						DATE :		03/23/98		
						DEPTH 24:00		996		
OPERATION AT 24:00 HRS :		WAIT ON WIRE LINE TRUCK				PROGRESS :		0		
OPERATION AT 08:00 HRS :		WAIT ON WIRELINE TRUCK				DFS :		37		
DRILLING FLUID IN USE :		CUTTER D		MUD COMPANY :		CONCORD		AFE NO :		13577
DENSITY :	1075	GRAD :	10.60	WATER	0.03	WELL LICENCE NO :		EL369		
VIS :	70	600 / 300	95/60	CA+		LAST BOP DRILL :		03/13/98		
W.L.		PV / YP	35/12	PH		RIG SAFETY DAYS :				
F.C.		GELS 1/10	4/6	SOLIDS	0.1	MUD ADDITIVES USED :				
DAILY MUD COSTS :				CUMM :	121245					
DAILY WATER COSTS :		1000		CUMM :	11271'3					
BIT DATA :			DRILLING PARAMETERS :			FLUIDS CONTROL :				
BIT NO :				WOB :				HOLE VOLUME :		21
SIZE MM :				RPM :				TANK VOLUME :		
TYPE :				STR. WT. :				BOTTOMS UP :		45
SERIAL NO :				SPM 1 :				CIRC. TIME :		96
JETS :				SPM 2 :				SHOE SET AT :		1186
DEPTH IN :				L / STRK :				FLUID LOSSES :		
DEPTH OUT :				M3 / MIN :				FORMATION :		0
METERS :		0		PRESSURE :				SUMP VOLUME :		0
HRS :				DC VEL :				SUMP FREE BOARD :		4M
ROP :				DP VEL :				LOADS TO LOC :		
CUM. HRS :				JET VEL :				VOL. HAULED OUT :		
CONDITION :				MACP :		22925		MP 1 RRSP RATE :		
SOLIDS CONTROL :					SURVEYS :					
ITEM :	UNDER FLOW :	OVERFLOW :	L / MIN :	HRS :						
DESANDER :										
DESILTER :										
CENTRI : 1										
CENTRI : 2					ELEVATIONS :					
					GROUND :	387	KB ELEV :	393.22		
B.H.A.										
DAILY TIME BREAK DOWN :				BOILER :		WEATHER :		CLEAR -5		
MIRU		SLIP/CUT		CORING		CONTRACTOR :		PREC. 622E		
DRILLING		LEAK OFF.		WO WIRE L		5.00	RIG MANAGER :		DENNIS ROSS	
CIRC/DISP		LOST CIRC.		LOG			PHONE :			
TRIP	6.00	WELL CNTRL		CEMETING			FOREMAN :		HARVEY PARCELS	
SURVEY		LAY D DP	4.00	DIR TOOLS			PHONE :		403-210-1894	
NIPPLE UP		RIG SVC		WELDING			DRILLING SUPT :		SHIRLEY MAASKANT	
TEAR OUT		HAND TOOLS		WOC		9.00	PREVIOUS COST :		\$3,120,509.00	
TOTAL P :	6.00	TOTAL R :	4.00	TOTAL E :		14.00	DAILY COST :		\$40,183.00	
TOTAL HRS	24.00	REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :		\$3,160,692.00		
24 HRS SUMMARY :		PLUG NO 2 NOT SET UP YET. RECEIVED APPROVAL TO RUN DRILLABLE BRIDGE PLUG WAIT ON WIRELINE TRUCK DUE TO ROAD BANS								
REMARKS		HAUL CUTTER D TO FT. LIARD LAY DOWN DRILL PIPE HAUL 12 LOADS RENTAL EQPT. TO EDM. VIA ENTERPRIZE . NEXT 24 HRS. RUN BRIDGE PLUG , LAY DOWN BOP REDO WELL HEAD LAY DOWN TOP DRIVE UNIT.								
DIRECTIONS :										
PLANNED :										

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15		REPORT NO :		36				
		DATE :		03/22/98				
		DEPTH 24:00		1455				
OPERATION AT 24:00 HRS :		W.O.C. PLUG NO TWO		PROGRESS :		0		
OPERATION AT 08:00 HRS :		W.O.C. PLUG NOT SET UP YET		DFS :		36		
DRILLING FLUID IN USE :		CUTTER D	MUD COMPANY :		CONCORD	AFE NO :		13577
DENSITY :	1075	GRAD :	10.60	WATER	0.03	WELL LICENCE NO :		EL369
VIS :	70	600 / 300	95/60	CA+		LAST BOP DRILL :		03/13/98
W.L.		PV / YP	35\12	PH		RIG SAFETY DAYS :		
F.C.		GELS 1/10	4\6	SOLIDS	0.1	MUD ADDITIVES USED :		
DAILY MUD COSTS :			CUMM :	121245				
DAILY WATER COSTS :		1000	CUMM :	11271'3				
BIT DATA :			DRILLING PARAMETERS :			FLUIDS CONTROL :		
BIT NO :			WOB :			HOLE VOLUME :		21
SIZE MM :			RPM :			TANK VOLUME :		
TYPE :			STR. WT. :	38		BOTTOMS UP :		45
SERIAL NO :			SPM 1 :			CIRC. TIME :		96
JETS :			SPM 2 :			SHOE SET AT :		1186
DEPTH IN :			L / STRK :	0.0128		FLUID LOSSES :		
DEPTH OUT :			M3 / MIN :	1.36		FORMATION :		0
METERS :	0		PRESSURE :	1800		SUMP VOLUME :		0
HRS :			DC VEL :			SUMP FREE BOARD :		4M
ROP :			DP VEL :			LOADS TO LOC :		
CUM. HRS :			JET VEL :			VOL. HAULED OUT :		
CONDITION :			MACP :	22925		MP 1 RRSP RATE :		
SOLIDS CONTROL :					SURVEYS :			
ITEM :	UNDER FLOW :	OVERFLOW :	L / MIN :	HRS :				
DESANDER :								
DESILTER :								
CENTRI : 1					ELEVATIONS :			
CENTRI : 2					GROUND :	387	KB ELEV :	393.22
B.H.A.	OPEN END DP							
DAILY TIME BREAK DOWN :				BOILER :		WEATHER :	CLEAR -5	
MIRU		SLIP/CUT		CORING		CONTRACTOR :	PREC. 622E	
DRILLING		LEAK OFF.		P. TEST		RIG MANAGER :	DENNIS ROSS	
CIRC/DISP		LOST CIRC.		LOG		PHONE :		
TRIP	10.25	WELL CNTRL		CEMETING	3.75	FOREMAN :	HARVEY PARCELS	
SURVEY		TIGHT HOLE		DIR TOOLS		PHONE :	403-210-1894	
NIPPLE UP		RIG SVC		WELDING		DRILLING SUPT :	SHIRLEY MAASKANT	
TEAR OUT		HAND TOOLS		WOC	10.00	PREVIOUS COST :	\$3,047,167.00	
TOTAL P :	10.25	TOTAL R :	0.00	TOTAL E :	13.75	DAILY COST :	\$73,342.00	
TOTAL HRS	24.00	REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :	\$3,120,509.00	
24 HRS SUMMARY :		MIX AND DISPLACE PLUG NO 2 LAY DOWN 40 STANDS DP LAY DOWN DCS WOC TRY TO FEEL PLUG AFTER 12 HRS NO SUCCESS FEEL PLUG AFTER 20 HRS. STILL TO SOFT WOC.						
REMARKS		AFTER DISPLACE PLUG NO 2 1.5 M3 DIESEL SPACER RETURNED PLUS .5 M3 CEMENT PLUG TOP AT 996 M NOT SET UP ENOUGH TO FEEL						
DIRECTIONS :								
PLANNED :								

130 DRILLING
135 PRODUCTION CSG / CMT.
140 WELLHEAD

AFE NO : 13577
DATE : 16/03/98 TO 22/03/98
FOREMAN : HARVEY PARCELS
RIG : PREC.622E

SPUD IN DATE :
RIG RELEASE DATE :
SPUD TO RIG RELEASE :
BOILER HOURS :

COST DESCRIPTION :		MON. 16	TUES. 17	WED. 18	THURS. 19	FRI. 20	SAT. 21	SUN. 22	TOTALS :
130 01	SITE / ACCESS SURFACE LEASE								0
2	SITE / ACCESS PREP. AND REST.	4912							4912
3	DRILLING RIG / CAMP - MOVE IN / OUT								0
4	FUEL								0
5	DRILLING - DAYWORK	10752	10752	10752	10752	10752	10752	10752	75264
6	DRILLING BITS AND ACCESSORIES					13005			13005
7	WATER TRUCK	1250	1600	900	900	1000	1100	1000	7750
8	VAC TRUCK	5533	6051					3500	15084
9	MUD ADDITIVES	1233			1476	1587			4296
10	INTERMEDIATE CASING @ \$ 53.56 / M.					91052			91052
11	EQUIPMENT RENTALS	5115	5115	5115	5115	5115	5115	5115	35805
12	DRILLING SUPERVISION	700	700	700	700	700	700	700	4900
13	COMMUNICATIONS	100	100	100	100	100	100	100	700
15	DIRECTIONAL DRILLING		16750	28340	8695	7100			60885
16	CAMP / CREW SUBSISTENCE	2400	2400	2400	2400	2400	2400	2400	16800
17	MEDIC AND SAFETY	525	525	525	525	525	525	525	3675
18	AIR DRILLING SERVICES -	13481	10007	10446	11281	49216	29704		124135
19	INTERMEDIATE CASING AND ACC.								0
20	PRESSURE TEST								0
21	INTERMEDIATE CEMENTING								0
22	MISCELLANEOUS TRANSPORT		7813		6500	8760	29400	27650	80123
23	CONTRACT SERVICES								0
24	WELL SITE / GEOLOGY SUPERVISION	700	700	700	700	700	700		4200
25	WELL CONTROL INSURANCE	100	100	100	100	100	100	100	700
80	PROVINCIAL SALES TAX								0
86	CMT PLUG							21000	21000
90	MISCELLANEOUS EXPENSES								0
99	ADMINISTRATION OVERHEAD	500	500	500	500	500	500	500	3500
135 02	PRODUCTION CASING @ 28.03 / M.								0
135 19	PRODUCTION CEMENTING								0
140 01	WELL HEAD								0
DAILY TOTALS :		47,301	63,113	60,578	49,744	192,612	81,096	73,342	
CUMULATIVE TOTAL :		2,600,024	2,663,137	2,723,715	2,773,459	2,966,071	3,047,167	3,120,509	\$567,786.00

FINAL WELL COSTS :

DRILLED : \$546,786.00

CASED : \$567,786.00

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15						REPORT NO :		35							
						DATE :		03/21/98							
						DEPTH 24:00		1455							
OPERATION AT 24:00 HRS :				WAIT ON CEMENTERS TO RUN PLUGS				PROGRESS :		0					
OPERATION AT 08:00 HRS :				MIX PLUG NO TWO				DFS :		35					
DRILLING FLUID IN USE :				CUTTER D		MUD COMPANY :		CONCORD		AFE NO :		13577			
DENSITY :		1075		GRAD :		10.60		WATER		0.03		WELL LICENCE NO :		EL369	
VIS :		70		600 / 300		95/60		CA+				LAST BOP DRILL :		03/13/98	
W.L.				PV / YP		35\12		PH				RIG SAFETY DAYS :			
F.C.				GELS 1/10		4\6		SOLIDS		0.1		MUD ADDITIVES USED :			
DAILY MUD COSTS :				1587		CUMM :		121245							
DAILY WATER COSTS :				1000		CUMM :		111713							
BIT DATA :				DRILLING PARAMETERS :				FLUIDS CONTROL :							
BIT NO :				WOB :				HOLE VOLUME :		43					
SIZE MM :				RPM :				TANK VOLUME :		43					
TYPE :				STR. WT. :		55		BOTTOMS UP :		45					
SERIAL NO :				SPM 1 :				CIRC. TIME :		96					
JETS :				SPM 2 :				SHOE SET AT :		1186					
DEPTH IN :				L / STRK :		0.0128		FLUID LOSSES :							
DEPTH OUT :				M3 / MIN :		1.36		FORMATION :		0					
METERS :		0		PRESSURE :		1800		SUMP VOLUME :		0					
HRS :				DC VEL :				SUMP FREE BOARD :		4M					
ROP :				DP VEL :				LOADS TO LOC :							
CUM. HRS :				JET VEL :				VOL. HAULED OUT :							
CONDITION :				MACP :		22925		MP 1 RRSP RATE :							
SOLIDS CONTROL :						SURVEYS :									
ITEM :		UNDER FLOW :		OVERFLOW :		L / MIN :		HRS :							
DESANDER :															
DESILTER :															
CENTRI : 1															
CENTRI : 2															
						GROUND :		387		KB ELEV :		393.22			
B.H.A.		OPEN END DP													
DAILY TIME BREAK DOWN :						BOILER :		WEATHER :		CLEAR -5					
MIRU		SLIP/CUT				CORING		CONTRACTOR :		PREC. 622E					
DRILLING		LEAK OFF.				P. TEST		RIG MANAGER :		DENNIS ROSS					
CIRC/DISP		18.00		LOST CIRC.		LOG		PHONE :							
TRIP		5.00		WELL CNTRL		CEMETING		FOREMAN :		HARVEY PARCELS					
SURVEY				TIGHT HOLE		DIR TOOLS		PHONE :		403-210-1894					
NIPPLE UP				RIG SVC		WELDING		DRILLING SUPT :		SHIRLEY MAASKANT					
TEAR OUT				HAND TOOLS		1.00		WOC		PREVIOUS COST :		\$2,966,071.00			
TOTAL P :		23.00		TOTAL R :		1.00		TOTAL E :		0.00		DAILY COST :		\$81,096.00	
TOTAL HRS		24.00		REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :		\$3,047,167.00					
24 HRS SUMMARY :		WAIT ON CEMENTERS, CIRC OPEN END . RIG UP CEMENTERSTO RUN PLUGS													
REMARKS		0800 PLUG NO 1 IN PLACE MIXING PLUG NO 2													
DIRECTIONS :															
PLANNED :															

130 DRILLING
135 PRODUCTION CSG / CMT.
140 WELLHEAD

AFE NO : 13577
DATE : 16/03/98
FOREMAN : HARVEY PARCELS

TO 22/03/98

RIG : PREC.622E

SPUD IN DATE :
RIG RELEASE DATE :
SPUD TO RIG RELEASE :
BOILER HOURS :

COST DESCRIPTION :		MON. 16	TUES. 17	WED. 18	THURS. 19	FRI. 20	SAT. 21	SUN. 22	TOTALS :
130 01	SITE / ACCESS SURFACE LEASE								0
2	SITE / ACCESS PREP. AND REST.	4912							4912
3	DRILLING RIG / CAMP - MOVE IN / OUT								0
4	FUEL								0
5	DRILLING - DAYWORK	10752	10752	10752	10752	10752	10752		64512
6	DRILLING BITS AND ACCESSORIES					13005			13005
7	WATER TRUCK	1250	1600	900	900	1000	1100		6750
8	VAC TRUCK	5533	6051						11584
9	MUD ADDITIVES	1233			1476	1587			4296
10	INTERMEDIATE CASING @ \$ 53.56 / M.					91052			91052
11	EQUIPMENT RENTALS	5115	5115	5115	5115	5115	5115		30690
12	DRILLING SUPERVISION	700	700	700	700	700	700		4200
13	COMMUNICATIONS	100	100	100	100	100	100		600
15	DIRECTIONAL DRILLING		16750	28340	8695	7100			60885
16	CAMP / CREW SUBSISTENCE	2400	2400	2400	2400	2400	2400		14400
17	MEDIC AND SAFETY	525	525	525	525	525	525		3150
18	AIR DRILLING SERVICES -	13481	10007	10446	11281	49216	29704		124135
19	INTERMEDIATE CASING AND ACC.								0
20	PRESSURE TEST								0
21	INTERMEDIATE CEMENTING								0
22	MISCELLANEOUS TRANSPORT		7813		6500	8760	29400		52473
23	CONTRACT SERVICES								0
24	WELL SITE / GEOLOGY SUPERVISION	700	700	700	700	700	700		4200
25	WELL CONTROL INSURANCE	100	100	100	100	100	100		600
80	PROVINCIAL SALES TAX								0
86	CMT PLUG								0
90	MISCELLANEOUS EXPENSES								0
99	ADMINISTRATION OVERHEAD	500	500	500	500	500	500		3000
135 02	PRODUCTION CASING @ 28.03 / M.								0
135 19	PRODUCTION CEMENTING								0
140 01	WELL HEAD								0
DAILY TOTALS :		47,301	63,113	60,578	49,744	192,612	81,096	0	
CUMULATIVE TOTAL :		2,600,024	2,663,137	2,723,715	2,773,459	2,966,071	3,047,167	3,047,167	\$494,444.00

FINAL WELL COSTS :

DRILLED : \$494,444.00

CASED : \$494,444.00

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15						REPORT NO :		34							
						DATE :		03/20/98							
						DEPTH 24:00		1455							
OPERATION AT 24:00 HRS :				WAIT ON N2 UNIT TO BLOW HOLE DRY				PROGRESS :		0					
OPERATION AT 08:00 HRS :				WAIT ON CEMENTERS TO RUN PLUGS				DFS :		34					
DRILLING FLUID IN USE :				CUTTER D		MUD COMPANY :		CONCORD		AFE NO :		13577			
DENSITY :		1075		GRAD :		10.60		WATER		0.03		WELL LICENCE NO :		EL369	
VIS :		70		600 / 300		95/60		CA+				LAST BOP DRILL :		03/13/98	
W.L.				PV / YP		35\12		PH				RIG SAFETY DAYS :			
F.C.				GELS 1/10		4\6		SOLIDS		0.1		MUD ADDITIVES USED :			
DAILY MUD COSTS :				1587		CUMM :		121245		LIME 25 FLOORDRY 4 BARITE 30 SAWDUST 10					
DAILY WATER COSTS :				1000		CUMM :		111713							
BIT DATA :				DRILLING PARAMETERS :				FLUIDS CONTROL :							
BIT NO :		7		WOB :				HOLE VOLUME :		43					
SIZE MM :		216		RPM :				TANK VOLUME :		43					
TYPE :		F15G		STR. WT. :		65		BOTTOMS UP :		45					
SERIAL NO :		LN6278		SPM 1 :				CIRC. TIME :		96					
JETS :		3\12.7		SPM 2 :				SHOE SET AT :		1186					
DEPTH IN :		1455		L / STRK :		0.0128		FLUID LOSSES :							
DEPTH OUT :				M3 / MIN :		1.36		FORMATION :		0					
METERS :		0		PRESSURE :		4500		SUMP VOLUME :		0					
HRS :				DC VEL :				SUMP FREE BOARD :		4M					
ROP :				DP VEL :				LOADS TO LOC :		1					
CUM. HRS :		47.75		JET VEL :				VOL. HAULED OUT :		10M					
CONDITION :		IN		MACP :		22925		MP 1 RRSP RATE :							
SOLIDS CONTROL :						SURVEYS :									
ITEM :		UNDER FLOW :		OVERFLOW :		L / MIN :		HRS :							
DESANDER :															
DESILTER :															
CENTRI : 1															
CENTRI : 2															
						GROUND :		387		KB ELEV :		393.22			
B.H.A.		BIT, BIT SUB, 9 DC, 1 JARS, 4DC, 1 XO SUB, 6 HW DP,													
DAILY TIME BREAK DOWN :						BOILER :		WEATHER :		CLEAR -6					
MIRU		SLIP/CUT				CORING		CONTRACTOR :		PREC. 622E					
DRILLING		LEAK OFF.				P. TEST		RIG MANAGER :		DENNIS ROSS					
CIRC/DISP		17.00		LOST CIRC.		LOG		PHONE :							
TRIP		0.75		WELL CNTRL		CEMETING		FOREMAN :		HARVEY PARCELS					
SURVEY				TIGHT HOLE		DIR TOOLS		PHONE :		403-210-1894					
NIPPLE UP				RIG SVC		0.25		WELDING		DRILLING SUPT :		SHIRLEY MAASKANT			
TEAR OUT				WAIT ON N2		6.00		WOC		PREVIOUS COST :		\$2,773,459.00			
TOTAL P :		17.75		TOTAL R :		6.25		TOTAL E :		0.00		DAILY COST :		\$192,612.00	
TOTAL HRS		24.00		REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :		\$2,966,071.00					
24 HRS SUMMARY :		WAIT ON N2 UNIT , BLOW HOLE EMPTY CONTINUE DRYING HOLE STOP DRYING HOLE AND DISPLACE TO MUD TO RUN PLUGS.													
REMARKS		WAITING AND CONDITIONING MUD TO RETURN TO STORAGE CEMENTERS SENT TO NEIBORS 16 TO STOP WATER FLOOD THEY WILL COME HERE NEXT 7" CSG. SENT TO FT. LIARD TO STORE IN YARD 16 TRUCKS COMING TODAY TO HAUL OUT RENTALS.													
DIRECTIONS :															
PLANNED :															

130 DRILLING
135 PRODUCTION CSG / CMT.
140 WELLHEAD

AFE NO : 13577
DATE : 16/03/98
FOREMAN : HARVEY PARCELS

TO 22/03/98

RIG : PREC.622E

SPUD IN DATE :
RIG RELEASE DATE :
SPUD TO RIG RELEASE :
BOILER HOURS :

COST DESCRIPTION :		MON. 16	TUES. 17	WED. 18	THURS. 19	FRI. 20	SAT. 21	SUN. 22	TOTALS :
130 01	SITE / ACCESS SURFACE LEASE								0
2	SITE / ACCESS PREP. AND REST.	4912							4912
3	DRILLING RIG / CAMP - MOVE IN / OUT								0
4	FUEL								0
5	DRILLING - DAYWORK	10752	10752	10752	10752	10752			53760
6	DRILLING BITS AND ACCESSORIES					13005			13005
7	WATER TRUCK	1250	1600	900	900	1000			5650
8	VAC TRUCK	5533	6051						11584
9	MUD ADDITIVES	1233			1476	1587			4296
10	INTERMEDIATE CASING @ \$ 53.56 / M.					91052			91052
11	EQUIPMENT RENTALS	5115	5115	5115	5115	5115			25575
12	DRILLING SUPERVISION	700	700	700	700	700			3500
13	COMMUNICATIONS	100	100	100	100	100			500
15	DIRECTIONAL DRILLING		16750	28340	8695	7100			60885
16	CAMP / CREW SUBSISTENCE	2400	2400	2400	2400	2400			12000
17	MEDIC AND SAFETY	525	525	525	525	525			2625
18	AIR DRILLING SERVICES -	13481	10007	10446	11281	49216			94431
19	INTERMEDIATE CASING AND ACC.								0
20	PRESSURE TEST								0
21	INTERMEDIATE CEMENTING								0
22	MISCELLANEOUS TRANSPORT		7813		6500	8760			23073
23	CONTRACT SERVICES								0
24	WELL SITE / GEOLOGY SUPERVISION	700	700	700	700	700			3500
25	WELL CONTROL INSURANCE	100	100	100	100	100			500
80	PROVINCIAL SALES TAX								0
86	CMT PLUG								0
90	MISCELLANEOUS EXPENSES								0
99	ADMINISTRATION OVERHEAD	500	500	500	500	500			2500
135 02	PRODUCTION CASING @ 28.03 / M.								0
135 19	PRODUCTION CEMENTING								0
140 01	WELL HEAD								0
DAILY TOTALS :		47,301	63,113	60,578	49,744	192,612	0	0	
CUMULATIVE TOTAL :		2,600,024	2,663,137	2,723,715	2,773,459	2,966,071	2,966,071	2,966,071	\$413,348.00

FINAL WELL COSTS :

DRILLED : \$413,348.00

CASED : \$413,348.00

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15		REPORT NO : 33	
		DATE : 03/19/98	
		DEPTH 24:00 1455	
OPERATION AT 24:00 HRS :		RIH TO BLOW DRY WITH N2 DEPTH 1455	
OPERATION AT 08:00 HRS :		DISPLACE HOLE TO N2	
DRILLING FLUID IN USE :		DFS : 33	
CUTTER D		AFE NO : 13577	
MUD COMPANY :		CONCORD	
DENSITY : 1085	GRAD : 10.60	WATER 0.025	WELL LICENCE NO : EL369
VIS : 72	600 / 300 5518	CA+	LAST BOP DRILL : 03/13/98
W.L.	PV / YP 25115	PH	RIG SAFETY DAYS :
F.C.	GELS 1/10 416	SOLIDS 0.115	MUD ADDITIVES USED :
DAILY MUD COSTS : 1476		CUMM : 119658	
DAILY WATER COSTS : 1250		CUMM : 110713	
		lime 10 sawdust 20 barite 30 floor dry 12	
BIT DATA :		DRILLING PARAMETERS :	
FLUIDS CONTROL :			
BIT NO : 7	WOB : 10112	HOLE VOLUME : 43	
SIZE MM : 216	RPM : 35	TANK VOLUME : 43	
TYPE : F15G	STR. WT. : 61	BOTTOMS UP : 45	
SERIAL NO : LN6278	SPM 1 : 107	CIRC. TIME : 96	
JETS : 3112.7	SPM 2 :	SHOE SET AT : 1186	
DEPTH IN : 1215	L / STRK : 0.0128	FLUID LOSSES :	
DEPTH OUT :	M3 / MIN : 1.36	FORMATION : 0	
METERS : 237	PRESSURE : 9700	SUMP VOLUME : 0	
HRS : 47.75	DC VEL :	SUMP FREE BOARD : 4M	
ROP : 4.90	DP VEL :	LOADS TO LOC : 1	
CUM. HRS : 47.75	JET VEL :	VOL. HAULED OUT : 10M	
CONDITION : IN	MACP : 22925	MP 1 RRSP RATE :	
SOLIDS CONTROL :		SURVEYS :	
ITEM : UNDER FLOW :	OVERFLOW :	L / MIN :	HRS :
DESANDER :			
DESILTER :			
CENTRI : 1			
CENTRI : 2			
		GROUND : 387	KB ELEV : 393.22
B.H.A.	BIT M MOTOR FLT SUB XO SUB NM DC PUL SUB NM DC NM SUB XO SUB JARS		
DAILY TIME BREAK DOWN :		BOILER :	WEATHER : CLEAR -15
MIRU	SLIP/CUT 1.00	CORING	CONTRACTOR : PREC. 622E
DRILLING 9.50	LEAK OFF.	P. TEST	RIG MANAGER : RANDY BITZ
CIRC/DISP 2.25	LOST CIRC.	LOG	PHONE :
TRIP 9.50	WELL CNTRL	CEMETING	FOREMAN : HARVEY PARCELS
SURVEY 1.25	TIGHT HOLE	DIR TOOLS	PHONE : 403-210-1894
NIPPLE UP	RIG SVC 0.50	WELDING	DRILLING SUPT : SHIRLEY MAASKANT
TEAR OUT	OTHERS	WOC	PREVIOUS COST : \$2,724,340.00
TOTAL P : 22.50	TOTAL R : 1.50	TOTAL E : 0.00	DAILY COST : \$49,744.00
TOTAL HRS 24.00	REPORT TIME FROM 00:00 HRS TO 24:00 HRS :		CUMM. COST : \$2,773,459.00
24 HRS SUMMARY :		DRILL AHEAD TO 1455 CIRC HOLE CLEAN POOH LAY DOWN DIR TOOLS RIH TO BLOW HOLE DRY WAIT ON N2 UNIT RIG UP UNIT START DISPLACEING HOLE	
REMARKS ON TRIP HOLE SLOUGHING NINE METERS FILL ON BOTTOM AFTER TRIP			
DIRECTIONS :			
PLANNED :			

130 DRILLING
135 PRODUCTION CSG / CMT.
140 WELLHEAD

AFE NO : 13577
DATE : 16/03/98
FOREMAN : HARVEY PARCELS

0

TO 22/03/98

RIG : PREC.622E

SPUD IN DATE :
RIG RELEASE DATE :
SPUD TO RIG RELEASE :
BOILER HOURS :

COST DESCRIPTION :		MON. 16	TUES. 17	WED. 18	THURS. 19	FRI. 20	SAT. 21	SUN. 22	TOTALS :
130 01	SITE / ACCESS SURFACE LEASE								0
2	SITE / ACCESS PREP. AND REST.	4912							4912
3	DRILLING RIG / CAMP - MOVE IN / OUT								0
4	FUEL								0
5	DRILLING - DAYWORK	10752	10752	10752	10752				43008
6	DRILLING BITS AND ACCESSORIES								0
7	WATER TRUCK	1250	1600	900	900				4650
8	VAC TRUCK	5533	6051						11584
9	MUD ADDITIVES	1233			1476				2709
10	INTERMEDIATE CASING @ \$ 53.56 / M.								0
11	EQUIPMENT RENTALS	5115	5115	5115	5115				20460
12	DRILLING SUPERVISION	700	700	700	700				2800
13	COMMUNICATIONS	100	100	100	100				400
15	DIRECTIONAL DRILLING		16750	28340	8695				53785
16	CAMP / CREW SUBSISTENCE	2400	2400	2400	2400				9600
17	MEDIC AND SAFETY	525	525	525	525				2100
18	AIR DRILLING SERVICES -	13481	10007	10446	11281				45215
19	INTERMEDIATE CASING AND ACC.								0
20	PRESSURE TEST								0
21	INTERMEDIATE CEMENTING								0
22	MISCELLANEOUS TRANSPORT		7813		6500				14313
23	CONTRACT SERVICES								0
24	WELL SITE / GEOLOGY SUPERVISION	700	700	700	700				2800
25	WELL CONTROL INSURANCE	100	100	100	100				400
80	PROVINCIAL SALES TAX								0
86	CMT PLUG								0
90	MISCELLANEOUS EXPENSES								0
99	ADMINISTRATION OVERHEAD	500	500	500	500				2000
135 02	PRODUCTION CASING @ 28.03 / M.								0
135 19	PRODUCTION CEMENTING								0
140 01	WELL HEAD								0
DAILY TOTALS :		47,301	63,113	60,578	49,744	0	0	0	
CUMULATIVE TOTAL :		2,600,024	2,663,137	2,723,715	2,773,459		0	0	\$220,736.00

FINAL WELL COSTS :

DRILLED : \$220,736.00

CASED : \$220,736.00

DAILY DRILLING COST SHEET

PAGE 1 OF 1

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 19, 1998

UWI: 3000156030123000

Well Name: Para et al Arrowhead O-15

Location: 60° 30' 123° 00'

Hours Drilling: 4.0

Morning Depth: 1455m @ 0600

Progress: 24.00m

Formation: Banff

Operational Status: Switch to air.

Operational Summary: Drill directional 216mm hole, Trip, Rig for N2.

Remarks: Shale, no shows.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 33

AS-10-1998

*** D-N-S-C-R-E-E-N ***
SURVEY CALCULATION REPORT

PARAMOUNT RESOURCES LTD. FILE # 8726
DARR BERKLEY ET AL ARROWHEAD 0-15
W-10-AN 30-1-2-00

Section Calculated on 64.21

Calculation Method: Minimum Curvature

#	Depth (m)	Angle	Azimuth	TVD (m)	N/S (m)	E/W (m)	Section (m)	DogLeg (/30)
0	1113.00	4.10	61.14	1112.72	4.71	11.93	12.79	0.00
1	1203.00	4.76	55.63	1202.45	8.37	17.83	19.70	0.26
2	1213.00	4.25	53.28	1213.22	8.86	18.52	20.53	1.51
* DEVIATION CORRECTION @ 1218 meters M.D.								
3	1226.00	3.19	62.52	1225.39	9.29	19.18	21.32	2.99
4	1242.00	1.82	53.95	1241.38	9.65	19.78	22.01	2.66
5	1255.00	1.03	27.29	1254.37	9.87	20.01	22.31	2.33
6	1270.00	0.97	10.56	1269.37	10.12	20.09	22.49	0.59
7	1286.00	1.33	332.69	1285.37	10.41	20.03	22.57	1.54
8	1297.00	1.25	312.82	1297.16	10.62	19.87	22.51	1.15
9	1313.40	2.81	313.04	1312.75	11.00	19.47	22.31	3.00
10	1325.37	3.23	319.19	1324.71	11.45	19.03	22.12	1.33
11	1340.00	2.33	304.81	1339.32	11.94	18.52	21.87	2.32
12	1353.27	1.44	277.26	1352.58	12.11	18.13	21.60	2.82
13	1382.50	2.53	301.13	1381.80	12.49	17.22	20.94	1.38
14	1397.90	2.67	313.70	1397.18	12.91	16.67	20.63	1.14
15	1411.00	2.50	300.96	1410.27	13.27	16.20	20.36	1.37
16	1427.07	2.00	278.39	1426.32	13.49	15.62	19.94	1.88
17	1440.00	2.48	241.92	1439.25	13.40	15.15	19.47	3.42
* CORRECTION CONFIRMED @ 1455 meters M.D.								
Dit	1455.00	2.48	225.00	1454.23	13.01	14.64	18.84	1.46

Final Closure is 19.59 metres on an Azimuth of 48.37

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15						REPORT NO :		32	
						DATE :		03/18/98	
						DEPTH 24:00		1400	
OPERATION AT 24:00 HRS :		DRILLING AHEAD SLIDING WITH DIR. MOTOR AT 1.5				PROGRESS :		104	
OPERATION AT 08:00 HRS :		drilling at 1438				DFS :		32	
DRILLING FLUID IN USE :		CUTTER D		MUD COMPANY :		CONCORD		AFE NO :	
DENSITY :		1085		GRAD :		10.60		WATER	
VIS :		72		600 / 300		5518		CA+	
W.L.				PV / YP		2515		PH	
F.C.				GELS 1/10		416		SOLIDS	
						0.115		MUD ADDITIVES USED :	
DAILY MUD COSTS :		1233		CUMM :		2225		lime 22 sawdust 16 floordry 2 disperse 2	
DAILY WATER COSTS :		1250		CUMM :		110713			
BIT DATA :				DRILLING PARAMETERS :				FLUIDS CONTROL :	
BIT NO :		7		WOB :		10112		HOLE VOLUME :	
SIZE MM :		216		RPM :		35		TANK VOLUME :	
TYPE :		F15G		STR. WT. :		61		BOTTOMS UP :	
SERIAL NO :		LN6278		SPM 1 :		107		CIRC. TIME :	
JETS :		3112.7		SPM 2 :				SHOE SET AT :	
DEPTH IN :		1215		L / STRK :		0.0128		FLUID LOSSES :	
DEPTH OUT :				M3 / MIN :		1.36		FORMATION :	
METERS :		223		PRESSURE :		9700		SUMP VOLUME :	
HRS :		37.50		DC VEL :				SUMP FREE BOARD :	
ROP :		5.94		DP VEL :				LOADS TO LOC :	
CUM. HRS :		37.50		JET VEL :				VOL. HAULED OUT :	
CONDITION :		IN		MACP :		22925		MP 1 RRSP RATE :	
SOLIDS CONTROL :					SURVEYS :				
ITEM :		UNDER FLOW :		OVERFLOW :		L / MIN :		HRS :	
DESANDER :									
DESILTER :									
CENTRI : 1									
CENTRI : 2									
						GROUND :		387	
						KB ELEV :		393.22	
B.H.A.		BIT M MOTOR FLT SUB XO SUB NM DC PUL SUB NM DC NM SUB XO SUB JARS							
DAILY TIME BREAK DOWN :				BOILER :		WEATHER :		CLEAR -15	
MIRU				RIG REPAIR		CORING		CONTRACTOR :	
DRILLING		21.25		LEAK OFF.		P. TEST		RIG MANAGER :	
CIRC/DISP				LOST CIRC.		LOG		PHONE :	
TRIP				WELL CNTRL		CEMETING		FOREMAN :	
SURVEY		2.25		TIGHT HOLE		DIR TOOLS		PHONE :	
NIPPLE UP				RIG SVC		0.50		WELDING	
TEAR OUT				OTHERS				WOC	
TOTAL P :		23.50		TOTAL R :		0.50		TOTAL E :	
						0.00			
TOTAL HRS		24.00		REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :	
								\$2,724,340.00	
24 HRS SUMMARY :		DRILLING AHEAD SLIDING TO TRY TO MAINTAIN DEVIATION UNDER HOLE GOES OFF IMMEDIATELY WHEN WE ROTATE AND WE HAVE TO MAINTAIN SLIDE TO KEEP IT STRAIGHT							
REMARKS		WATER CONCENTRATION IN MUD UP 5% ADDED 22 CUBES OF MUD TO CONTROL IT DEVIATION A SEVERE PROBLEM WHEN ROTATING GEOLG. ADVISES THAT THERE IS A FAULT AT 1480 WE WILL CONTINUE WITH MUD MOTOR TO 1500 M THEN BLOWW HOLE DRY AND ATTEMPT TO DRILL WITH AIR							
DIRECTIONS :									
PLANNED :									

130 DRILLING
135 PRODUCTION CSG / CMT.
140 WELLHEAD

AFE NO : 13577
DATE : 16/03/98
FOREMAN : HARVEY PARCELS

TO 22/03/98

RIG : PREC.622E

SPUD IN DATE :
RIG RELEASE DATE :
SPUD TO RIG RELEASE :
BOILER HOURS :

COST DESCRIPTION :		MON. 16	TUES. 17	WED. 18	THURS. 19	FRI. 20	SAT. 21	SUN. 22	TOTALS :
130 01	SITE / ACCESS SURFACE LEASE								0
2	SITE / ACCESS PREP. AND REST.	4912							4912
3	DRILLING RIG / CAMP - MOVE IN / OUT								0
4	FUEL								0
5	DRILLING - DAYWORK	10752	10752	10752					32256
6	DRILLING BITS AND ACCESSORIES								0
7	WATER TRUCK	1250	1600	900					3750
8	VAC TRUCK	5533	6051						11584
9	MUD ADDITIVES	1233							1233
10	INTERMEDIATE CASING @ \$ 53.56 / M.								0
11	EQUIPMENT RENTALS	5115	5115	5115					15345
12	DRILLING SUPERVISION	700	700	700					2100
13	COMMUNICATIONS	100	100	100					300
15	DIRECTIONAL DRILLING		16750	28340					45090
16	CAMP / CREW SUBSISTENCE	2400	2400	2400					7200
17	MEDIC AND SAFETY	525	525	525					1575
18	AIR DRILLING SERVICES -	13481	10007	10446					33934
19	INTERMEDIATE CASING AND ACC.								0
20	PRESSURE TEST								0
21	INTERMEDIATE CEMENTING								0
22	MISCELLANEOUS TRANSPORT		7813						7813
23	CONTRACT SERVICES								0
24	WELL SITE / GEOLOGY SUPERVISION	700							700
25	WELL CONTROL INSURANCE	100							100
80	PROVINCIAL SALES TAX								0
86	CMT PLUG								0
90	MISCELLANEOUS EXPENSES								0
99	ADMINISTRATION OVERHEAD	500	500	500					1500
135 02	PRODUCTION CASING @ 28.03 / M.								0
135 19	PRODUCTION CEMENTING								0
140 01	WELL HEAD								0
DAILY TOTALS :		47,301	62,313	59,778		0	0	0	
CUMULATIVE TOTAL :		2,600,024	2,662,337	2,722,115			0	0	\$169,392.00

FINAL WELL COSTS :

DRILLED : \$169,392.00

CASED : \$169,392.00

DAILY DRILLING COST SHEET

PAGE 1 OF 1

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 18, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 1431m @ 0600
Formation: Banff

UWI: 3000156030123000

Hours Drilling: 21.0
Progress: 110.00m

Operational Status: Drilling

Operational Summary: Drill directional 216mm hole.

Remarks: Shale, no shows.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 32

Para et al Arrowhead O-15
60° 30' 123° 00'

03-18-1998

*** O-N-S-C-R-E-E-N ***
SURVEY CALCULATION REPORT

PARAMOUNT RESOURCES LTD. FILE # 8726
PARA BERKLEY ET AL ARROWHEAD 0-15
0-15-60 30-123-00

Section Calculated on 64.21

Calculation Method: Minimum Curvature

#	Depth (m)	Angle	Azimuth	TVD (m)	N/S (m)	E/W (m)	Section (m)	DogLeg (/30)
0	1113.00	4.10	61.14	1112.72	4.71	11.93	12.79	0.00
1	1203.00	4.76	55.63	1202.45	8.37	17.83	19.70	0.26
2	1213.80	4.25	53.28	1213.22	8.86	18.52	20.53	1.51
3	1226.00	3.19	62.52	1225.39	9.29	19.18	21.32	2.99
4	1242.00	1.82	53.95	1241.38	9.65	19.78	22.01	2.66
5	1255.00	1.03	27.29	1254.37	9.87	20.01	22.31	2.33
6	1270.00	0.97	10.56	1269.37	10.12	20.09	22.49	0.59
7	1286.00	1.33	332.69	1285.37	10.41	20.03	22.57	1.54
8	1297.80	1.25	312.82	1297.16	10.62	19.87	22.51	1.15
9	1313.40	2.81	313.04	1312.75	11.00	19.47	22.31	3.00
10	1325.37	3.23	319.19	1324.71	11.45	19.03	22.12	1.33
11	1340.00	2.33	304.81	1339.32	11.94	18.52	21.87	2.32
12	1353.27	1.44	277.26	1352.58	12.11	18.13	21.60	2.82
13	1382.50	2.53	301.13	1381.80	12.49	17.22	20.94	1.38
14	1377.50	2.07	315.70	1377.10	12.71	16.07	20.65	1.14
15	1411.00	2.50	300.96	1410.27	13.27	16.20	20.36	1.37
Bit	1426.00	2.31	290.00	1425.25	13.54	15.64	19.97	0.99

Final Closure is 20.69 metres on an Azimuth of 49.12

33.71 meters From old Well Bore

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15						REPORT NO :		31			
						DATE :		03/17/98			
						DEPTH 24:00		1296			
OPERATION AT 24:00 HRS :				DRILLING AHEAD SLIDING WITH DIR. MOTOR AT 1.5				PROGRESS :		117	
OPERATION AT 08:00 HRS :				DRILL AHEAD AT 1332 M				DFS :		31	
DRILLING FLUID IN USE :		CUTTER D		MUD COMPANY :		CONCORD		AFE NO :		13577	
DENSITY :	1085	GRAD :	10.64	WATER	0.025	WELL LICENCE NO :		EL369			
VIS :	90	600 / 300	110V75	CA+		LAST BOP DRILL :		03/13/98			
W.L.		PV / YP	35V20	PH		RIG SAFETY DAYS :					
F.C.		GELS 1/10	4/6	SOLIDS	0.12	MUD ADDITIVES USED :					
DAILY MUD COSTS :		1233		CUMM :		BICARB 10 GEL 2 BARITE 30					
DAILY WATER COSTS :		1250		CUMM :							
BIT DATA :				DRILLING PARAMETERS :				FLUIDS CONTROL :			
BIT NO :	7			WOB :	10V12			HOLE VOLUME :	43		
SIZE MM :	216			RPM :	35			TANK VOLUME :	43		
TYPE :	F15G			STR. WT. :	61			BOTTOMS UP :	45		
SERIAL NO :	LN6278			SPM 1 :	107			CIRC. TIME :	96		
JETS :	3\12.7			SPM 2 :				SHOE SET AT :	1186		
DEPTH IN :	1215			L / STRK :	0.0128			FLUID LOSSES :			
DEPTH OUT :				M3 / MIN :	1.36			FORMATION :	0		
METERS :	81			PRESSURE :	9700			SUMP VOLUME :	0		
HRS :	16.25			DC VEL :				SUMP FREE BOARD :	4M		
ROP :	4.98			DP VEL :				LOADS TO LOC :	1		
CUM. HRS :	16.25			JET VEL :				VOL. HAULED OUT :	10M		
CONDITION :	IN			MACP :	22925			MP 1 RRSP RATE :			
SOLIDS CONTROL :						SURVEYS :					
ITEM :	UNDER FLOW :	OVERFLOW :	L / MIN :	HRS :	FAXED TO OFFICE						
DESANDER :											
DESILTER :											
CENTRI : 1					ELEVATIONS :						
CENTRI : 2					GROUND :	387	KB ELEV :	393.22			
B.H.A.	BIT M MOTOR FLT SUB XO SUB NM DC PUL SUB NM DC NM SUB XO SUB JARS										
DAILY TIME BREAK DOWN :				BOILER :		WEATHER :		CLEAR -15			
MIRU		RIG REPAIR		CORING		CONTRACTOR :		PREC. 622E			
DRILLING	16.25	LEAK OFF.		P. TEST		RIG MANAGER :		RANDY BITZ			
CIRC/DISP		LOST CIRC.		LOG		PHONE :					
TRIP	2.50	WELL CNTRL		CEMETING		FOREMAN :		HARVEY PARCELS			
SURVEY	1.00	TIGHT HOLE		DIR TOOLS	3.50	PHONE :		403-210-1894			
NIPPLE UP		RIG SVC	0.75	WELDING		DRILLING SUPT :		SHIRLEY MAASKANT			
TEAR OUT		OTHERS		WOC		PREVIOUS COST :		\$2,600,024.00			
TOTAL P :	19.75	TOTAL R :	0.75	TOTAL E :	3.50	DAILY COST :		\$62,313.00			
TOTAL HRS	24.00	REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :		\$2,662,337.00			
24 HRS SUMMARY :		DRILL AHEAD SLIDING AND ROTATEING DEVIATION BROUGHT BACK TO 1 DEG.									
REMARKS		POSITION OF NEW HOLE 9.6 METERS FROM OLD WELL BORE									
DIRECTIONS :											
PLANNED :											

130 DRILLING
135 PRODUCTION CSG / CMT.
140 WELLHEAD

AFE NO : 13577
DATE : 16/03/98
FOREMAN : HARVEY PARCELS

TO 22/03/98

RIG : PREC.622E

SPUD IN DATE :
RIG RELEASE DATE :
SPUD TO RIG RELEASE :
BOILER HOURS :

COST DESCRIPTION :		MON. 16	TUES. 17	WED. 18	THURS. 19	FRI. 20	SAT. 21	SUN. 22	TOTALS :
130 01	SITE / ACCESS SURFACE LEASE								0
2	SITE / ACCESS PREP. AND REST.	4912							4912
3	DRILLING RIG / CAMP - MOVE IN / OUT								0
4	FUEL								0
5	DRILLING - DAYWORK	10752	10752						21504
6	DRILLING BITS AND ACCESSORIES								0
7	WATER TRUCK	1250	1600						2850
8	VAC TRUCK	5533	6051						11584
9	MUD ADDITIVES	1233							1233
10	INTERMEDIATE CASING @ \$ 53.56 / M.								0
11	EQUIPMENT RENTALS	5115	5115						10230
12	DRILLING SUPERVISION	700	700						1400
13	COMMUNICATIONS	100	100						200
15	DIRECTIONAL DRILLING		16750						16750
16	CAMP / CREW SUBSISTENCE	2400	2400						4800
17	MEDIC AND SAFETY	525	525						1050
18	AIR DRILLING SERVICES -	13481	10007						23488
19	INTERMEDIATE CASING AND ACC.								0
20	PRESSURE TEST								0
21	INTERMEDIATE CEMENTING								0
22	MISCELLANEOUS TRANSPORT		7813						7813
23	CONTRACT SERVICES								0
24	WELL SITE / GEOLOGY SUPERVISION	700							700
25	WELL CONTROL INSURANCE	100							100
80	PROVINCIAL SALES TAX								0
86	CMT PLUG								0
90	MISCELLANEOUS EXPENSES								0
99	ADMINISTRATION OVERHEAD	500	500						1000
135 02	PRODUCTION CASING @ 28.03 / M.								0
135 19	PRODUCTION CEMENTING								0
140 01	WELL HEAD								0
DAILY TOTALS :		47,301	62,313	0		0	0	0	
CUMULATIVE TOTAL :		2,600,024	2,662,337				0	0	\$109,614.00

FINAL WELL COSTS :

DRILLED : \$109,614.00

CASED : \$109,614.00

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 17, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 1321m @ 0600
Formation: Banff

UWI: 3000156030123000

Hours Drilling: 22.0
Progress: 103.00m

Operational Status: Drilling

Operational Summary: Drill directional 216mm hole.

Remarks: Shale, no shows, looks like we got into new hole about 1227m. Dropped angle to 1° westerly.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 31

Para et al Arrowhead O-15
60° 30' 123° 00'

03-17-1998

*** O-N-S-C-R-E-E-N ***
SURVEY CALCULATION REPORT

PARAMOUNT RESOURCES LTD. FILE # PARASTR8
PARA BERKLEY ET AL ARROWHEAD 0-15
0-15-60 30-123-00

Section Calculated on 0.00

Calculation Method: Minimum Curvature

#	Depth (m)	Angle	Azimuth	TVD (m)	N/S (m)	E/W (m)	Section (m)	DogLeg (/30)
0	1113.00	4.10	61.14	1112.72	4.71	11.93	4.71	0.00
1	1203.00	4.76	55.63	1202.45	8.37	17.83	8.37	0.26
2	1213.80	4.25	53.28	1213.22	8.86	18.52	8.86	1.51
3	1226.00	3.19	62.52	1225.39	9.29	19.18	9.29	2.99
4	1242.00	1.82	53.95	1241.38	9.65	19.78	9.65	2.66
5	1255.00	1.03	27.29	1254.37	9.87	20.01	9.87	2.33
6	1270.00	0.97	10.56	1269.37	10.12	20.09	10.12	0.59
7	1286.00	1.33	332.69	1285.37	10.41	20.03	10.41	1.54
8	1297.80	1.25	312.82	1297.16	10.62	19.87	10.62	1.15

Final Closure is 22.53 metres on an Azimuth of 61.88

DISTANCE FROM OLD WELL BORE

9.6 METERS

03-17-1998

*** O-N-S-C-R-E-E-N ***
SURVEY CALCULATION REPORT

PARAMOUNT RESOURCES LTD. FILE # PARASTR8
PARA BERKLEY ET AL ARROWHEAD 0-15
0-15-60 30-123-00

Section Calculated on 0.00

Calculation Method: Minimum Curvature

#	Depth (m)	Angle	Azimuth	TVD (m)	N/S (m)	E/W (m)	Section (m)	DogLeg (/30)
0	1113.00	4.10	61.14	1112.72	4.71	11.93	4.71	0.00
1	1203.00	4.76	55.63	1202.45	8.37	17.83	8.37	0.26
2	1213.80	4.25	53.28	1213.22	8.86	18.52	8.86	1.51
3	1226.00	3.19	62.52	1225.39	9.29	19.18	9.29	2.99
4	1242.00	1.82	53.95	1241.38	9.65	19.78	9.65	2.66
5	1255.00	1.03	27.29	1254.37	9.87	20.01	9.87	2.33
6	1270.00	0.97	10.56	1269.37	10.12	20.09	10.12	0.59
7	1286.00	1.33	332.69	1285.37	10.41	20.03	10.41	1.54
8	1297.80	1.25	312.82	1297.16	10.62	19.87	10.62	1.15

Final Closure is 22.53 metres on an Azimuth of 61.88

DISTANCE FROM OLD WELL BORE

9.6 METERS

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15						REPORT NO :		30			
						DATE :		03/16/98			
						DEPTH 24:00		1215			
OPERATION AT 24:00 HRS :				WAIT ON DIRECTIONAL TOOLS				PROGRESS :		0	
OPERATION AT 08:00 HRS :				DRILLING AHEAD SLIDING WITH DIR. MOTOR AT 1.5				DFS :		29	
DRILLING FLUID IN USE :		CUTTER D		MUD COMPANY :		CONCORD		AFE NO :		13577	
DENSITY :	1085	GRAD :	10.64	WATER	0.025	WELL LICENCE NO :		EL369			
VIS :	90	600 / 300	110V75	CA+		LAST BOP DRILL :		03/13/98			
W.L.		PV / YP	35V20	PH		RIG SAFETY DAYS :					
F.C.		GELS 1/10	4V6	SOLIDS	0.12	MUD ADDITIVES USED :					
DAILY MUD COSTS :		1233		CUMM :		BICARB 10 GEL 2 BARITE 30					
DAILY WATER COSTS :		1250		CUMM :							
BIT DATA :				DRILLING PARAMETERS :				FLUIDS CONTROL :			
BIT NO :	7	WOB :		07-Jan		HOLE VOLUME :		43			
SIZE MM :	216	RPM :				TANK VOLUME :		43			
TYPE :	F15G	STR. WT. :		61		BOTTOMS UP :		45			
SERIAL NO :	LN6278	SPM 1 :		107		CIRC. TIME :		96			
JETS :	3V12.7	SPM 2 :				SHOE SET AT :		1186			
DEPTH IN :	1215	L / STRK :		0.0128		FLUID LOSSES :					
DEPTH OUT :		M3 / MIN :		1.36		FORMATION :		0			
METERS :	0	PRESSURE :		9700		SUMP VOLUME :		0			
HRS :		DC VEL :				SUMP FREE BOARD :		4M			
ROP :	4.50	DP VEL :				LOADS TO LOC :					
CUM. HRS :		JET VEL :				VOL. HAULED OUT :		10M			
CONDITION :	IN	MACP :		22925		MP 1 RRSP RATE :					
SOLIDS CONTROL :						SURVEYS :					
ITEM :	UNDER FLOW :	OVERFLOW :	L / MIN :	HRS :							
DESANDER :											
DESILTER :											
CENTRI : 1											
CENTRI : 2					GROUND :		387	KB ELEV :		393.22	
B.H.A.	BIT M MOTOR FLT SUB XO SUB NM DC PUL SUB NM DC NM SUB XO SUB JARS										
DAILY TIME BREAK DOWN :				BOILER :		WEATHER :		CLEAR -10			
MIRU		RIG REPAIR		CORING		CONTRACTOR :		PREC. 622E			
DRILLING	1.50	LEAK OFF.		P. TEST		RIG MANAGER :		RANDY BITZ			
CIRC/DISP	9.25	LOST CIRC.		LOG		PHONE :					
TRIP	5.50	WELL CNTRL		CEMETING		FOREMAN :		HARVEY PARCELS			
SURVEY		TIGHT HOLE		DRILL OUT		PHONE :		403-210-1894			
NIPPLE UP		RIG SVC	0.50	WELDING		DRILLING SUPT :		SHIRLEY MAASKANT			
TEAR OUT		OTHERS		WOC	7.25	PREVIOUS COST :		\$2,569,941.00			
TOTAL P :	16.25	TOTAL R :	0.50	TOTAL E :	7.25	DAILY COST :		\$47,301.00			
TOTAL HRS	24.00	REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :		\$2,617,242.00			
24 HRS SUMMARY :		POLISH PLUG TO 1218 RIG UP AIR COMPS. BLOW HOLE DRY CLEAN TANKS AND LINES DISPLACE HOLE TO CUTTER D CIRC BOTTOMS UP POOH WAIT ON DIRECTIONAL TOOLS.									
REMARKS		MAKE UP BOTTOM HOLE ASSEMBLY FOR DIR DRILLING RIH ORIENT TOOL SLIDE AHEAD									
DIRECTIONS :											
PLANNED :											

130 DRILLING
135 PRODUCTION CSG / CMT.
140 WELLHEAD

AFE NO : 13577
DATE : 16/03/98 TO 22/03/98
FOREMAN : HARVEY PARCELS RIG : PREC.622E

SPUD IN DATE :
RIG RELEASE DATE :
SPUD TO RIG RELEASE :
BOILER HOURS :

COST DESCRIPTION :		MON. 16	TUES. 17	WED. 18	THURS. 19	FRI. 20	SAT. 21	SUN. 22	TOTALS :
130 01	SITE / ACCESS SURFACE LEASE								0
2	SITE / ACCESS PREP. AND REST.	4912							4912
3	DRILLING RIG / CAMP - MOVE IN / OUT								0
4	FUEL								0
5	DRILLING - DAYWORK	10752							10752
6	DRILLING BITS AND ACCESSORIES								0
7	WATER TRUCK	1250							1250
8	VAC TRUCK	5533							5533
9	MUD ADDITIVES	1233							1233
10	INTERMEDIATE CASING @ \$ 53.56 / M.								0
11	EQUIPMENT RENTALS	5115							5115
12	DRILLING SUPERVISION	700							700
13	COMMUNICATIONS	100							100
15	DRILL STEM TESTING								0
16	CAMP / CREW SUBSISTENCE	2400							2400
17	MEDIC AND SAFETY	525							525
18	AIR DRILLING SERVICES -	13481							13481
19	INTERMEDIATE CASING AND ACC.								0
20	PRESSURE TEST								0
21	INTERMEDIATE CEMENTING								0
22	MISCELLANEOUS TRANSPORT								0
23	CONTRACT SERVICES								0
24	WELL SITE / GEOLOGY SUPERVISION	700							700
25	WELL CONTROL INSURANCE	100							100
80	PROVINCIAL SALES TAX								0
86	CMT PLUG								0
90	MISCELLANEOUS EXPENSES								0
99	ADMINISTRATION OVERHEAD	500							500
135 02	PRODUCTION CASING @ 28.03 / M.								0
135 19	PRODUCTION CEMENTING								0
140 01	WELL HEAD								0
DAILY TOTALS :		47,301	0	0		0	0	0	
CUMULATIVE TOTAL :		2,600,024	2,600,024	2,600,024	2,600,024		0	0	\$47,301.00

FINAL WELL COSTS :

DRILLED : \$47,301.00

CASED : \$47,301.00

DAILY DRILLING COST SHEET

PAGE 1 OF 1

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15				REPORT NO :		29					
				DATE :		03/15/98					
				DEPTH 24:00		1215					
OPERATION AT 24:00 HRS :		WOC				PROGRESS :		0			
OPERATION AT 08:00 HRS :		WOC				DFS :		29			
DRILLING FLUID IN USE :		WATER		MUD COMPANY :		CONCORD		AFE NO :		13577	
DENSITY :	1000	GRAD :		CL		WELL LICENCE NO :		EL369			
VIS :		600 / 300		CA+		LAST BOP DRILL :		03/13/98			
W.L.		PV / YP		PH		RIG SAFETY DAYS :					
F.C.		GELS 1/10		SAND %		MUD ADDITIVES USED :					
DAILY MUD COSTS :				CUMM :							
DAILY WATER COSTS :		1200		CUMM :							
BIT DATA :				DRILLING PARAMETERS :				FLUIDS CONTROL :			
BIT NO :	6			WOB :				HOLE VOLUME :	48.5		
SIZE MM :	216			RPM :				TANK VOLUME :	20		
TYPE :	FDT			STR. WT. :	53			BOTTOMS UP :	45		
SERIAL NO :	CH9961			SPM 1 :	45			CIRC. TIME :	96		
JETS :	3\12.7			SPM 2 :				SHOE SET AT :	1186		
DEPTH IN :	1215			L / STRK :	0.0128			FLUID LOSSES :			
DEPTH OUT :	1215			M3 / MIN :	1.15			FORMATION :	0		
METERS :	0			PRESSURE :	2850			SUMP VOLUME :	0		
HRS :	6.00			DC VEL :				SUMP FREE BOARD :			
ROP :	10.50			DP VEL :				LOADS TO LOC :			
CUM. HRS :	6.00			JET VEL :				VOL. SPREAD / PITS :			
CONDITION :	IN			MACP :	22925			MP 1 RRSP RATE :			
SOLIDS CONTROL :					SURVEYS :						
ITEM :	UNDER FLOW :	OVERFLOW :	L / MIN :	HRS :							
DESANDER :											
DESILTER :											
CENTRI : 1											
ELEVATIONS :											
CENTRI : 2					GROUND :	387	KB ELEV :	393.22			
B.H.A.	7 171 MM DC 1 XO SUB BIT SUB 6 HW DP BHA LGTH 122.18										
DAILY TIME BREAK DOWN :				BOILER :		WEATHER :		CLEAR -10			
MIRU		RIG REPAIR		CORING		CONTRACTOR :		PREC. 622E			
DRILLING		LEAK OFF.		P. TEST		RIG MANAGER :		RANDY BITZ			
CIRCULATE		LOST CIRC.		LOG		PHONE :					
TRIP	2.00	WELL CNTRL		CEMETING	2.50	FOREMAN :		HARVEY PARCELS			
SURVEY		TIGHT HOLE		DRILL OUT		PHONE :		403-210-1894			
NIPPLE UP		RIG SVC		WELDING		DRILLING SUPT :		SHIRLEY MAASKANT			
TEAR OUT		OTHERS		WOC	19.50	PREVIOUS COST :		\$2,508,013.00			
TOTAL P :	2.00	TOTAL R :	0.00	TOTAL E :	22.00	DAILY COST :		\$46,599.00			
TOTAL HRS	24.00	REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :		\$2,554,612.00			
24 HRS SUMMARY :		RAN PLUG FROM 1250M TO 1100M 7 TONNES 0-1-0 PLUS 1%CFR + .6%LTR DESITY 2100 PLUG DOWN 1045 HRS. PIPE PULLED TIGHT OUT OF PLUG PULLED 130000 TO GET FREE 1.75 HRS.									
REMARKS WOC. RUN IN HOLE TO FEEL PLUG PLUG AT 1215 POOH PICK UP BIT AND COLLARS RIH WOC WILL POLISH TOP OF PLUG TO 1218 READY FOR DIRECTIONAL TOOLS DIRECTIONS : PLANNED :											

130 DRILLING
135 PRODUCTION CSG / CMT.
140 WELLHEAD

0

AFE NO : 13577
DATE : 03/14/98 TO 03/15/98
FOREMAN : HARVEY PARCELS RIG : PREC.622E

SPUD IN DATE :
RIG RELEASE DATE :
SPUD TO RIG RELEASE :
BOILER HOURS :

COST DESCRIPTION :	MON.	TUES.	WED.	THURS.	FRI. 13	SAT. 14	SUN. 15	TOTALS :
130 01 SITE / ACCESS SURFACE LEASE								0
2 SITE / ACCESS PREP. AND REST.								0
3 DRILLING RIG / CAMP - MOVE IN / OUT								0
4 FUEL						10135		10135
5 DRILLING - DAYWORK						10752	10752	21504
6 DRILLING BITS AND ACCESSORIES							3500	3500
7 WATER TRUCK						1710	2822	4532
8 VAC TRUCK						5600		5600
9 MUD ADDITIVES								0
10 INTERMEDIATE CASING @ \$ 53.56 / M.					63522			63522
11 EQUIPMENT RENTALS						5115	5115	10230
12 DRILLING SUPERVISION						700	700	1400
13 COMMUNICATIONS						200	200	400
15 DRILL STEM TESTING								0
16 CAMP / CREW SUBSISTENCE						2400	2400	4800
17 MEDIC AND SAFETY						525	525	1050
18 AIR DRILLING SERVICES -						42878		42878
19 INTERMEDIATE CASING AND ACC.								0
20 PRESSURE TEST						5194		5194
21 INTERMEDIATE CEMENTING								0
22 MISCELLANEOUS TRANSPORT							4930	4930
23 CONTRACT SERVICES								0
24 WELL SITE / GEOLOGY SUPERVISION						700	700	1400
25 WELL CONTROL INSURANCE						100	100	200
80 PROVINCIAL SALES TAX								0
86 CMT PLUG							14855	14855
90 MISCELLANEOUS EXPENSES								0
99 ADMINISTRATION OVERHEAD								0
135 02 PRODUCTION CASING @ 28.03 / M.								0
135 19 PRODUCTION CEMENTING								0
140 01 WELL HEAD								0
DAILY TOTALS :	0	0	0	0	63,522	86,009	46,599	
CUMULATIVE TOTAL :	0	0	0	0	2,437,333	2,523,342	2,569,941	\$196,130.00

FINAL WELL COSTS :

DRILLED : \$181,275.00

CASED : \$196,130.00

DAILY DRILLING COST SHEET

PAGE 1 OF 1

PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15						REPORT NO :		28							
						DATE :		03/14/98							
						DEPTH 24:00		1250							
OPERATION AT 24:00 HRS :				CIRC HOLE CLEAN CONT. CEMENT				PROGRESS :		64					
OPERATION AT 08:00 HRS :				RIG UP TO RUN PLUG				DFS :		28					
DRILLING FLUID IN USE :				WATER		MUD COMPANY :		CONCORD		AFE NO :		13577			
DENSITY :		1000		GRAD :		CL		WELL LICENCE NO :		EL369					
VIS :		600 / 300		CA+				LAST BOP DRILL :		03/13/98					
W.L. :		PV / YP		PH				RIG SAFETY DAYS :							
F.C. :		GELS 1/10		SAND %				MUD ADDITIVES USED :							
DAILY MUD COSTS :				CUMM :											
DAILY WATER COSTS :				1710		CUMM :									
BIT DATA :				DRILLING PARAMETERS :				FLUIDS CONTROL :							
BIT NO :		6		WOB :		213		HOLE VOLUME :		48.5					
SIZE MM :		216		RPM :		30		TANK VOLUME :		20					
TYPE :		FDT		STR. WT. :		56		BOTTOMS UP :		45					
SERIAL NO :		CH9961		SPM 1 :		90		CIRC. TIME :		96					
JETS :		3/12.7		SPM 2 :				SHOE SET AT :		1186					
DEPTH IN :		1187		L / STRK :		0.0128		FLUID LOSSES :							
DEPTH OUT :		1250		M3 / MIN :		1.15		FORMATION :		0					
METERS :		63		PRESSURE :		4500		SUMP VOLUME :		0					
HRS :		6.00		DC VEL :				SUMP FREE BOARD :							
ROP :		10.50		DP VEL :				LOADS TO LOC :							
CUM. HRS :		6.00		JET VEL :				VOL. SPREAD / PITS :							
CONDITION :		2-2-I		MACP :		22925		MP 1 RRSP RATE :							
SOLIDS CONTROL :						SURVEYS :									
ITEM :		UNDER FLOW :		OVERFLOW :		L / MIN :		HRS :							
DESANDER :															
DESILTER :															
CENTRI : 1															
CENTRI : 2															
								GROUND :		387		KB ELEV :		393.22	
B.H.A.		7 171 MM DC 1 XO SUB BIT SUB 6 HW DP BHA LGTH 122.18													
DAILY TIME BREAK DOWN :						BOILER :		WEATHER :		CLEAR -15 C					
MIRU				RIG REPAIR		CORING		CONTRACTOR :		PREC. 622E					
DRILLING		6.00		LEAK OFF.		1.00		P. TEST		7.00		RIG MANAGER :		RANDY BITZ	
CIRCULATE				LOST CIRC.				LOG				PHONE :			
TRIP		4.00		WELL CNTRL				CSG /CUT		2.00		FOREMAN :		HARVEY PARCELS	
SURVEY				TIGHT HOLE				DRILL OUT				PHONE :		403-210-1894	
NIPPLE UP		3.50		RIG SVC				WELDING				DRILLING SUPT :		SHIRLEY MAASKANT	
TEAR OUT				OTHERS		0.50		WOC				PREVIOUS COST :		\$2,437,333.00	
TOTAL P :		13.50		TOTAL R :		1.50		TOTAL E :		9.00		DAILY COST :		\$70,680.00	
TOTAL HRS		24.00		REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :				\$2,508,013.00			
24 HRS SUMMARY :				FINISH PRESSURE TESTSWEEP LINE AND MANIFOLD, RIH DRILL OUT CEMENT AND SHOE DRILL AHEAD TEN METERS , NO CEMENT WITH ANY STRENGHT DUE TO CONTAMINATION.											
REMARKS NEXT 24 HRS.				CIRC HOLE CLEAN RUN LEAK OFF TEST 10 METERS BELOW SHOE GRADIANT ESTABLISHED AT 19.5											
				POH BROP COLLARS AND BIT RUN IN OPEN END TO PLUG BACK WAIT ON CEMENTERS											
DIRECTIONS :															
PLANNED :															

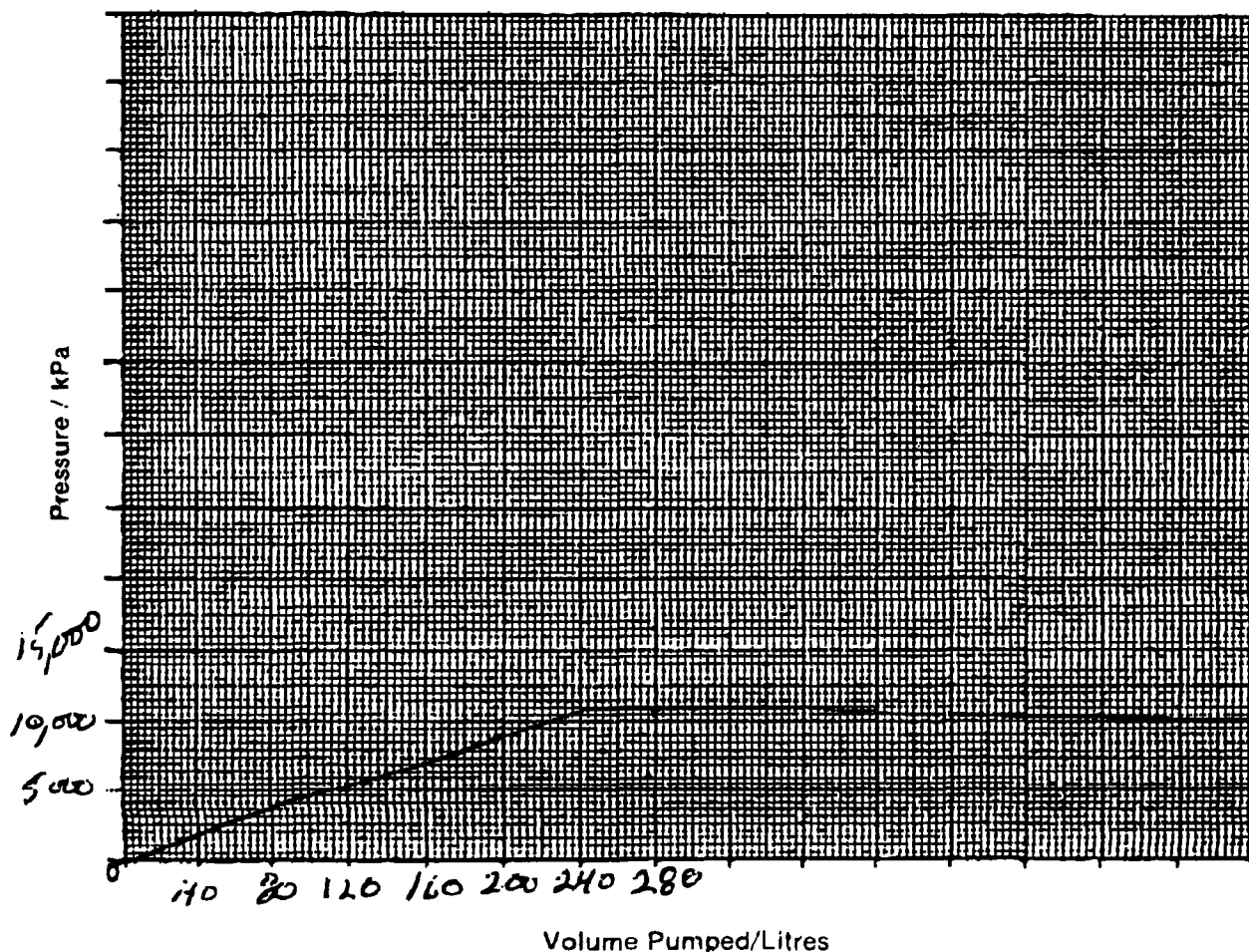
PARAMOUNT RESOURCES

DAILY DRILLING REPORT :

WELL NAME :Paramount Berkley Arrowhead 0-15				REPORT NO :		28					
				DATE :		03/14/98					
				DEPTH 24:00		1250					
OPERATION AT 24:00 HRS :		CIRC HOLE CLEAN CONT. CEMENT				PROGRESS :		64			
OPERATION AT 08:00 HRS :		RIG UP CEMENTERS TO RUN K. O. PLUG				DFS :		28			
DRILLING FLUID IN USE :		WATER		MUD COMPANY :		CONCORD		AFE NO :		13577	
DENSITY :		1000		GRAD :		CL		WELL LICENCE NO :		EL369	
VIS :		600 / 300		CA+				LAST BOP DRILL :		03/13/98	
W.L.		PV / YP		PH				RIG SAFETY DAYS :			
F.C.		GELS 1/10		SAND %				MUD ADDITIVES USED :			
DAILY MUD COSTS :				CUMM :		10490					
DAILY WATER COSTS :		1710		CUMM :							
BIT DATA :				DRILLING PARAMETERS :				FLUIDS CONTROL :			
BIT NO :				WOB :		03-Feb		HOLE VOLUME :			
SIZE MM :				RPM :		35		TANK VOLUME :			
TYPE :				STR. WT. :				BOTTOMS UP :			
SERIAL NO :				SPM 1 :		95		CIRC. TIME :			
JETS :				SPM 2 :				SHOE SET AT :			
DEPTH IN :				L / STRK :		0.0128		FLUID LOSSES :			
DEPTH OUT :				M3 / MIN :				FORMATION :			
METERS :				PRESSURE :		3500		SUMP VOLUME :			
HRS :				DC VEL :				SUMP FREE BOARD :			
ROP :				DP VEL :				LOADS TO LOC :			
CUM. HRS :				JET VEL :				VOL. SPREAD / PITS :			
CONDITION :				MACP :		22925		MP 1 RRSP RATE :			
SOLIDS CONTROL :						SURVEYS :					
ITEM :		UNDER FLOW :		OVERFLOW :		L / MIN :		HRS :			
DESANDER :											
DESILTER :											
CENTRI : 1										ELEVATIONS :	
CENTRI : 2								GROUND :		KB ELEV :	
B.H.A.											
DAILY TIME BREAK DOWN :						BOILER :		WEATHER :			
MIRU		RIG REPAIR				CORING		CONTRACTOR :			
DRILLING		HOLE PROB.				P. TEST		RIG MANAGER :			
CIRCULATE		LOST CIRC.				LOG		PHONE :			
TRIP		WELL CNTRL				CSG / CMT		FOREMAN :			
SURVEY		TIGHT HOLE				DRILL OUT		PHONE :			
NIPPLE UP		RIG SVC				WELDING		DRILLING SUPT :			
TEAR OUT		OTHERS				WOC		PREVIOUS COST :		\$2,437,333.00	
TOTAL P :		0.00		TOTAL R :		0.00		TOTAL E :		0.00	
TOTAL HRS		0.00		REPORT TIME FROM 00:00 HRS TO 24:00 HRS :				CUMM. COST :		\$2,523,342.00	
24 HRS SUMMARY :											
REMARKS :											
DIRECTIONS :											
PLANNED :											

**FALCON
PRESSURE TESTERS LTD.**

8704 - 107th Street, Fort St. John, B.C. V1J 5R6 TELEPHONE (604) 785-4540

FORMATION PRESSURE TESTOil Company Paramount Res LTD.Date 98-3-13Location 05 60° 30' 123° 00Contractor Precision #622Piston Size 25 mmStroke Length 79 mmDepth of Casing 1186Depth Drilled Out 1196Gradient of Fluid in Hole 1.000Hydrostatic Pressure 11,634Leak-Off Pressure 11,500Total Pressure at Shoe 23,134Formation Gradient 19.5



FALCON

PRESSURE TESTERS LTD.

Box 6820, Fort St. John, B.C. V1J 4J3

Telephone (250) 785-4540

Fax: (250) 787-0712.

TEST DETAIL SHEET

OIL COMPANY

LOCATION

WELL NAME

CASING DEPTH

Paramount Res LTD. 015 60 30 123 00

DATE

CONTRACTOR

MUD WEIGHT

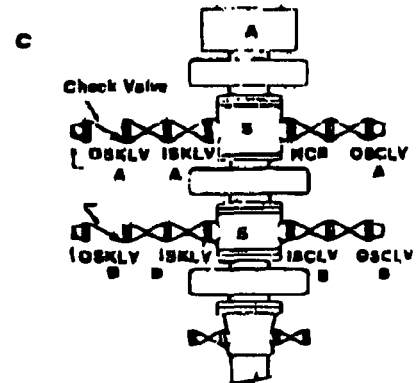
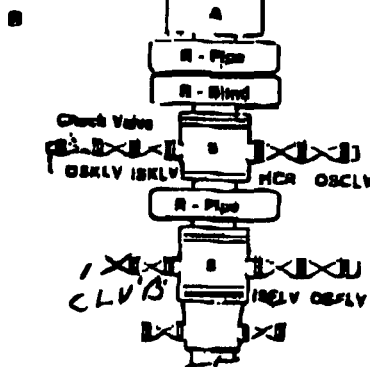
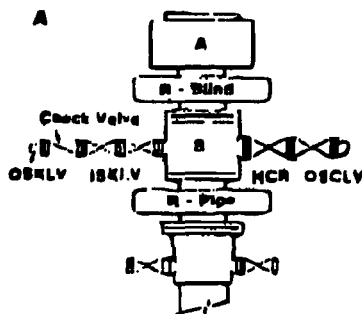
CASING SIZE

WEIGHT

GRAD

98-3-13 Precision #622 1000 Kg/m³ 24415 64.74 L80

STACK TYPE

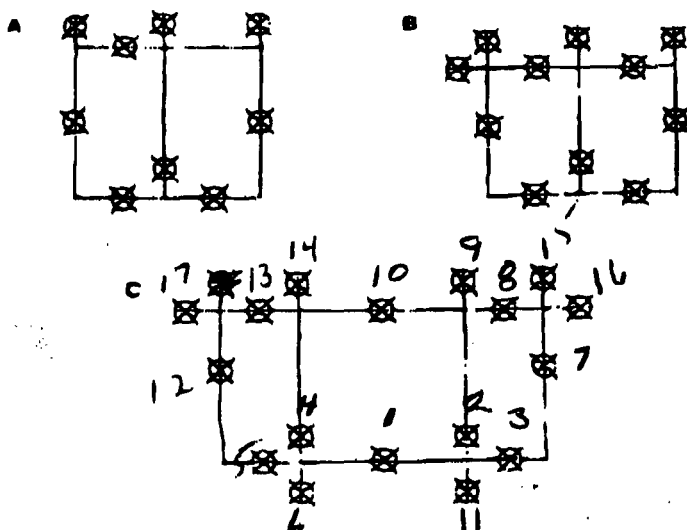


LOW PRESSURE TEST 1500 kPa FOR 10 MINUTES HIGH 21000 kPa FOR 10 MINUTES

TEST	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	TEST #	LOW	HIGH
BLIND RAMS	X																1	0	0
UPPER PIPE RAMS										X	X						2	0	0
LOWER PIPE RAMS										X							3	0	0
HYDRIL B.O.P												X	X				4	0	600
HCR				X									X				5	Choke's	Choke's
OSCLV											X						6	0	0
ISKLV											X	X					7	0	0
OSKLV											X						8	0	0
ISKLV B		X															9	0	0
OSCLV B			X														10	0	0
CHECK VALVE A+B	X																11	0	1400
UPPER KELLY COCK									X	X							12	0	200
LOWER KELLY COCK								X									13	0	0
STABBING VALVE						X											14		
I.S.B.O.P.							X										15		
MANIFOLD V 1,2,3	X																		
MANIFOLD V 4,5,6,7,8,9,10		X																	
MANIFOLD V 11,12,13,14,15,16			X																
MANIFOLD V 17,18				X															
MANIFOLD V																			
CHOKES A & B					X														
CASING																			

COMMENTS Test # 4 Choke's A, Plug, Leak, tight, 100,

Test # 10 Leak off of 1400 kPa with 10% oil, leak 12, on low pressure ram's



PARAMOUNT RESOURCES LTD.**DAILY DRILLING REPORT**

Well Name Paramount Berkley Arrowhead O-15					Date	08/03/12	Day	28
Depth	1195	Progress	0	AFE	13577	Operation Running CSG		
Elevations	Grd -	380.5	KB	6.22	Formation	BANFF		
Drilling Fluid Type		Cutter D	Volume		Fluid Vol.		Soap	
Wgt	1100	Visc	112	W.L.		PH		FC
Temp	38° C	PV 50	YP 25	600/180	150/100	Oil	85.5	
Tank Vol	97	Hole Vol	98	Total Vol	195	Gradient	10.8	Circ. Time

MUD ADDITIVES

Gel		Lime		SAPP		Soap		Shrinks	
Caustic		Vis-Plus		Lignite		Detergent		Cutter D	
Benex		Sawdust		Gypsum		Disperse			
Soda ash		Kwikseal		Berite	30	Floordry			
Mud cost - Daily		726	Cum	102590	Water cost - Daily		600	Cum	28820

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water			
Desilter					Oil			
Centrifuge	Sharpell	1770	1085		Losses			
Shaker	Swaco	Mesh	84/140	84/84	Dumped			

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m	
4	311	HP51H	DJ4132	3/15.9	1205	1425	220	
5	311	GS84F	634849	3/17.5	1425	1459	34	
5RR	311	GS84F	634849	2/15.9,17.5	1459	1500	135	
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque	
42	21.5	1.95	72.5	8/7/02mm				
12	6.75	1.70	22.6	3/3/1				
68	8.5	3.9	47	4/5/08				TOTAL

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	BP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM
1	152							5700	105
2	140								

SURVEYS

1364	5°	1421	7°	1450	7+°	GeoCom	Sheet		
1075	2°	1137m	2 1/2°	1194m	3 1/2°	1252	4°	1308	4°

Drilling		NU BOP's		Rig up		Log		WOC	10
Tripping	3.5	P. test		Run Csg	5.75	Core		W.O. SUB	
Reaming		Slip & cut		Circulate		DST		BOP drill	
Survey		CTB		Cement		Lost. Circ		Hdt Tools	2.6
Rig Serv.		Repair	2	safety/M	0.25	D.O.F&S		TOTAL	24

REMARKS

WOC, Trip in to Feel Cement Plug, POOH to Run CSG, Rig in Power Tongs & Lay Down Machine
 Held Safety Meeting with Tong & Lay Down Machine Hands, Adj. Annular Preventer to Open & Close
 Properly, Run CSG

Next 24hrs. - Run CSG, Cement CSG, Lift BOP Stack, Set CSG Slips & Seal, WOC, Nipple up BOP

PARAMOUNT RESOURCES LTD.
DAILY DRILLING REPORT

Well Name Paramount Berkley Arrowhead O-15					Date	98/03/11	Day	25
Depth	1195	Progress	0	AFE	13577	Operation WOC		
Elevations	Grd -	380.5	KB	6.22	Formation BANFF			
Drilling Fluid Type		Cutter D	Volume		Fluid Vol.		Soap	
Wgt	1100	Visc	112	W.L.		PH		FC
Temp	38° C	PV 50	YP 25	600/180	150/100	Oil	85.5	
Tank Vol	97	Hole Vol	98	Total Vol	195	Gradient	10.8	Circ. Time

MUD ADDITIVES

Gel		Lime		SAPP		Soap		Shrinks	
Caustic		Via-Plus		Lignite		Detergent		Cutter D	22m3
Benex		Sawdust		Gypsum		Disperse			
Soda ash		Kwikool		Barite	30	Floordry			
Mud cost - Daily		9526	Cum	101964	Water cost - Daily		1390	Cum	28220

SOLIDS CONTROL

Item	Make	UF	OF	Umin	Fluid Volumes		Drilling Assembly	
Dosander					Water		Open End	
Dositer					Oil			
Centrifuge	Sharpell	1770	1085		Losses	22		
Shaker	Sweco	Mesh	84/140	84/84	Dumped			

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m		
4	311	HP51H	DJ4132	3/15.9	1205	1425	220		
5	311	GS84F	634949	3/17.5	1425	1459	34		
SRR	311	GS84F	634949	2/15.9,17.5	1459	1580	135		
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque		
42	21.5	1.95	72.5	6/7/02mm					
12	6.75	1.70	22.5	3/3/1					
66	6.5	3.9	47	4/5/06				TOTAL	

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM
1	152							5700	105
2	140								

SURVEYS

1384	5°	1421	7°	1450	7+°	GeoCom	Sheet		
1075	2°	1137m	2 1/2°	1194m	3 1/2°	1252	4°	1308	4°

Drilling		NU BOP's		Rig up		Log		woc	3
Tripping	13	P. test		Run Cag		Core		W.O. SUB	
Reaming		Slip & cut		Circulate	6	DST		BOPdril	
Survey		CTB		Cement	0.5	Lost. Circ		Hdt Tools	0.5
Rig Serv.	0.25	Repair	0.5	safety/M	0.25	D.O.F&S		TOTAL	24

REMARKS

RIH, Circ., POOH, Lay Down 225mm DC& Directional Tools, RIH to 1335m, Circ., Held Safety Meeting
with Sanjel Cementers, Pump Cement Plug, Pull 5stds. to 1185m, Reverse Circ., Pull 5stds. to 1055m
Rig Service, Trip Service Top Drive, Pick up 80sgls. DP, WOC

Next 24hrs.-WOC,RIH & Feel Plug,POOH,Run CSG,Cement CSG

Weather	Snowing	Temp.	-15c	Spud	92/02/14	Daily Cost	\$110,179	CUM	\$2,123,457
Rig Mgr.	Dennis Ross			Phone	774-0472	Drig Spvr. Dave Garstad			Phone 210-1894

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

PAGE TWO

[illegible]

WELL	Wheel O15	Field	APE	Funds	Percent	Date	Feb 6/98	Feb 7/98	Feb 8/98	Feb 9/98	Feb 11	Feb 11/98
Code	Location	Estimate	Cost	Remaining	Remaining	Day 5						
100	Logistics											
101	Surveying	20000	20000	0	0%		20000					
102	Legal and License	18000	18000	0	0%		18000					
103	Access Preparation	30000	25000	-14000	-46%		30000					
104	Wellbore Preparation	116253	85000	-69253	-110%		100000					
106	Conductor, Rathole	14000	14000	0	0%		14000					
108	Wellbore Restoration	1800	38000	33400	85%							
109	Access Restoration	0		0	#DIV/0!							
116	Maintenance	0	18000	18000	100%							
117	Testing	0		0	#DIV/0!							
119	Supervision	10000	23000	18000	80%		10000					
	Total	217823	202000	-15858	-8%							
200	Drilling Costs											
201	Move in - Rig up	105775	270000	-165225	-38%			165775				
203	Drilling Rig Daywork	323148	810000	-486852	-60%		7200	7200	7200	7200	7200	7200
205	Boiler	38185	68000	-33815	-43%		720	720	720	1440	1440	1440
206	Test out - Rig out	0	260000	-260000	-100%							
210	Camp and Catering	78200	285000	-176800	-68%		2400	2400	2400	2400	2400	2400
211	Crew Substitution	6830	80000	-30570	-48%		185	185	185	185	185	185
212	Aviation Support	3800	64000	-60200	-94%							
214	Fuel	80860	300000	-219140	-73%			6384	12279			
216	Communications	4768	30000	-25232	-84%						185	185
218	Water	31241	44000	-12759	-29%		480	1300	1200	580	600	600
219	Vacuum Truck	2844	10000	-7156	-71%							
220	Drilling Fluids	102187	200000	-102813	-51%							
222	Air Drilling	167191	280000	-112809	-33%							
223	Underbalanced Drilling	0	68000	-68000	-100%							
224	Technical Support	6800	25000	-18400	-74%		200	200	200	200	200	200
228	Drilling Supervision	23480	60000	-36520	-71%		1380	1040	855	678	670	670
228	Directional Drilling & Surveys	30638		30638	#DIV/0!							
230	Medical & Safety Services	17328	80000	-62672	-71%		525	525	525	525	525	525
232	Fishing	0		0	#DIV/0!							
234	Contract Services	134472	120000	14472	12%		6764	3812	1632	1632	1632	1532
236	Transportation	130787	210000	-79213	-38%							
240	Equipment Rentals	121688	250000	-128312	-51%		1835	1805	1805	1805	2000	2100
242	Drilling Bits	128485	270000	-141515	-52%							
244	Abandonment & Plugback	33188		33188	#DIV/0!							
248	Lost Equipment	0	8000	-8000	-100%							
250	Miscellaneous Materials	2887		2887	#DIV/0!							2172
252	Surface Casing	62520	64000	-1480	-2%							
253	Surface Casing Accessories	0	3000	-3000	-100%							
254	Cement Surface Casing	109344	38000	71344	204%							
256	Surface Casing Services	0	8000	-8000	-100%							
258	Intermediate Casing	0	161000	-161000	-100%							
257	Intermediate Casing Access.	0	8000	-8000	-100%							
258	Cement Intermediate Casing	0	85000	-85000	-100%							
260	Intermediate Casing Services	0	8000	-8000	-100%							
262	Wireline - Sticking	0	8000	-8000	-100%							
	Total	160681	400000	-227459	-49%							
300	Evaluations											
301	Coring	0		0	#DIV/0!							
302	Logging	82184	100000	-17816	-18%							
303	Formation Testing	0		0	#DIV/0!							
304	Geological Supervision	27600	70000	-42400	-61%						1500	600
305	Analysis	0	20000	-20000	-100%							
310	Production/ACF Testing	0		0	#DIV/0!							
	Total	79754	190000	-115246	-68%							
400	Production Casing											
401	Casing Accessories	0	20000	-20000	-100%							
402	Production Casing	0	50000	-50000	-100%							
403	Cement Production Casing	0	28000	-28000	-100%							
404	Production Casing Services	0	8000	-8000	-100%							
	Total	0	106000	-106000	-100%							
500	Well Equipment											
501	Drilling Wellhead Parts	0	10000	-10000	-100%							
502	Completion Wellhead Parts	0	35000	-35000	-100%							
503	Tubing	0		0	#DIV/0!							
505	Tubing Accessories	0		0	#DIV/0!							
	Total	0	45000	-45000	-100%	Subtotal	221889	18857	188561	28081	16387	
	Cum Total	216716	4831000	-256838	-5%	Cum.	221889	240558	427417	456498	474885	484924

WELL	Arrowhead O15	Feb 12/98	Feb 13/98	Feb 14/98	Feb 15/98	Feb 16/98	Feb 17/98	Feb 18/98	Feb 19/98	Feb 20/98	Feb 21/98	Feb 22/98
100	Logistics											
101	Surveying											
102	Legal and Licence											
103	Access Preparation											
104	Wellsite Preparation				8379							
108	Conductor, Rathole											
108	Wellsite Restoration							1600				
109	Access Restoration											
116	Maintenance											
117	Towing											
118	Supervision											
	Total											
200	Drilling Costs											
201	Move In - Rig up							3000				
203	Unlting Rig Daywork	7200	7200	7500	10752	10752	10752	10752	10752	10752	10752	10752
205	Boiler	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080
206	Tear out - Rig out											
210	Camp and Catering	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
211	Crew Subsistence	185	185	185	185	185	185	185	185	185	185	185
212	Aviation Support	3500										
214	Fuel		12257				8837		5646			
216	Communications	185	185	185	185	185	185	185	185	185	185	185
218	Water	1200	600	1000	600	1000	600	1000	600	1000	600	600
218	Vacuum Truck											
220	Drilling Fluids				1388	3504	1583	1033	1033			
222	Air Drilling	30802	10797	10278	18058	7845	16201					
223	Underbalanced Drilling											
224	Technical Support	200	200	200	200	200	200	200	200	200	200	200
225	Drilling Supervision	670	670	670	670	670	670	670	670	670	670	670
228	Directional Drilling & Surveys											
230	Medical & Safety Services	525	525	525	525	525	525	525	525	525	525	525
232	Fishing											
234	Contract Services	1532	3050	3050	13050	12768	3300		5053	3384		
236	Transportation	21258	3675		15258	2072			5805			
240	Equipment Rentals	3275	5160	2710	2710	3730	2885	3325	3325	3325	2725	2725
242	Drilling Bits			58080			28500					
244	Abandonment & Plugback											
246	Lost Equipment											
250	Miscellaneous Materials		825									
252	Surface Casing								62500			
253	Surface Casing Accessories								17289			
254	Cement Surface Casing								108344			
255	Surface Casing Services											
256	Intermediate Casing											
257	Intermediate Casing Access.											
258	Cement Intermediate Casing											
259	Intermediate Casing Services											
262	Wireline - Slickline											
	Total											
300	Evaluations											
301	Coring											
302	Logging							16805				
303	Formation Testing											
304	Geological Supervision	700	700	700	700	700	700	700				
305	Analyses											
310	Production/AOF Testing											
	Total											
400	Production Casing											
401	Casing Accessories											
402	Production Casing											
403	Cement Production Casing											
404	Production Casing Services											
	Total											
800	Well Equipment											
801	Drilling Wellhead Parts											
802	Completion Wellhead Parts											
803	Tubing											
806	Tubing Accessories											
	Total	74672	49489	88533	76070	47676	79853	26815	43368	217273	22868	18282
	Cum Total	568636	619105	707838	783708	831384	911037	937852	981018	1198291	1220867	1240239

WELL	Arrowhead O15	Feb 23/98	Feb 24/98	Feb 25/98	Feb 26/98	Feb 27/98	Feb 28/98	Mar 1/98	Mar 2/98	Mar 3/98	Mar 4/98	Mar 5/98
Code	Description											
100	Logistics											
101	Surveying											
102	Legal and License											
103	Access Preparation											
104	Wellbore Preparation		2520						1810		2048	
105	Conductor, Rethole											
106	Wellbore Restoration											
107	Access Restoration											
110	Maintenance											
117	Testing											
118	Supervision											
	Total											
	Drilling Costs											
201	Move in - Rig up											
203	Drilling Rig Daywork	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782
205	Boiler	1080	2180	1080	1080	1080	1308	1308	1308	1308	1308	1308
208	Tear out - Rig out											
210	Camp and Catering	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
211	Crew Subsistence	185	185	185	185	185	780	750	780	750	750	750
212	Aviation Support											
214	Fuel					10781			8825			8182
216	Communications	185	185	185	185	185	185	185	185	185	185	185
218	Water	1000	800	1000	1000	800	1000	800	3880	800	1381	800
219	Vacuum Truck											
220	Drilling Fluids				3158	8283	8485	8237	2578	7511	7581	4888
222	Air Drilling	28235	13885	18385	8888	5823						
223	Underbalanced Drilling											
224	Technical Support	200	200	200	200	200	200	200	200	200	200	200
225	Drilling Supervision	870	870	870	870	870	870	870	870	870	870	870
228	Directional Drilling & Surveys											
230	Medical & Safety Services	525	525	525	525	525	525	525	525	525	525	525
232	Flaring											
234	Contract Services	8785	28185			2880				32163		
236	Transportation	5072		4820	38880	380	880	4175	2240			10880
240	Equipment Rentals	2725	2725	2725	2840	2840	2840	12540	4885	4745	4745	4745
242	Drilling Site		2809									18385
244	Abandonment & Plugging											
248	Lost Equipment											
250	Miscellaneous Materials											
252	Surface Casing											
253	Surface Casing Accessories											
254	Cement Surface Casing											
255	Surface Casing Services											
256	Intermediate Casing											
257	Intermediate Casing Access.											
258	Cement Intermediate Casing											
259	Intermediate Casing Services											
262	Wireline - (Shooting)											
	Total											
	Evaluations											
301	Coring											
302	Logging											
303	Formation Testing											
304	Geological Supervision		10800	700	700	700	700	700	700	700	700	700
308	Analysis											
310	Production/ACF Testing											
	Total											
	Production Casing											
401	Casing Accessories											
402	Production Casing											
403	Cement Production Casing											
404	Production Casing Services											
	Total											
800	Well Equipment											
801	Drilling Wellhead Pans											
802	Completion Wellhead Pans											
803	Tubing											
805	Tubing Accessories											
	Total	88742	75762	40887	71601	48524	31822	44018	38144	82278	33285	73341
	Cum Total	1300881	1378753	1417420	1488824	1535445	1588887	1610888	1650130	1712408	1748835	1820888

WELL	Arrowhead O15	Mar 6/98	Mar 7/98	Mar 8/98	Mar 9/98	Mar 10/98
Code	Description					
100	Logistics					
101	Surveying					
102	Legal and Licence					
103	Access Preparation					
104	Wellsite Preparation			395		
106	Conductor, Rathole					
108	Wellsite Restoration					
109	Access Restoration					
116	Maintenance					
117	Towing					
119	Supervision					
	Total					
200	Drilling Costs					
201	Move in - Rig up					
203	Drilling Rig Daywork	1752	10752	10752	10752	10752
205	Boiler	1305	1305	1305	1305	1305
208	Tear out - Rig out					
210	Camp and Catering	2400	2400	2400	2400	2400
211	Crew Subsistence	750	750			
212	Aviation Support					
214	Fuel		1917	8182		
216	Communications	165	165	165	165	165
218	Water	1390	600	1390	600	1390
219	Vacuum Truck					2644
220	Drilling Fluids	14140	8301	3252	7774	8526
222	Air Drilling					
223	Underbalanced Drilling					
224	Technical Support	200	200	200	200	200
225	Drilling Supervision	670	670	670	670	670
228	Directional Drilling & Surveys			16849	10865	3225
230	Medical & Safety Services	525	525	525	525	525
232	Fishing					
234	Contract Services	3850	388	2880		
236	Transportation		6775	3870	1800	3105
240	Equipment Rentals	4823	4823	4385	6335	5035
242	Drilling Bits	18000				
244	Abandonment & Plugback					33188
246	Lost Equipment					
250	Miscellaneous Materials					
252	Surface Casing					
253	Surface Casing Accessories					
254	Cement Surface Casing					
255	Surface Casing Services					
256	Intermediate Casing					
257	Intermediate Casing Access.					
258	Cement Intermediate Casing					
259	Intermediate Casing Services					
262	Wireline - Stickline					
	Total					
300	Evaluations					
301	Coring					
302	Logging					35348
303	Formation Testing					
304	Geological Supervision	700	700	700	700	700
306	Analyses					
310	Production/AOF Testing					
	Total					
400	Production Casing					
401	Casing Accessories					
402	Production Casing					
403	Cement Production Casing					
404	Production Casing Services					
	Total					
800	Well Equipment					
801	Drilling Wellhead Parts					
802	Completion Wellhead Parts					
803	Tubing					
805	Tubing Accessories					
	Total	50270	40081	58140	43891	110179
	Cum Total	1671165	1911247	1869387	2013278	2123457

Weather	Cloudy	Temp.	-22d	Spud	92/02/14	Daily Cost	\$43,891	CUM	\$2,013,278
Rig Mgr.	Dennis Ross	Phone	774-0472	Drig Spvr.	Dave Garstad	Phone	210-1894		

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

PAGE TWO

[illegible]

March 9, 1998
6:03 pm

PathTracker 4.0
Survey Calculation Program

Page 1 of 1

Customer: PARAMOUNT RESOURCES LIMITED
WellName: PARAMOUNT et al ARROWHEAD
Location: 60°30' 123°00'
GEOCOM DRILLING SERVICES

Vertical Section Calculated on: 64.2100
Survey Calculation Method: Minimum Curvature
FileName: C:\PATHTRK\PAR.SR3

#	Depth Meters	Inc Degrees	Azimuth Degrees	TVD Meters	North Meters	East Meters	Section Meters	Dogleg /30m
0	500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00
1	550.00	0.32	78.80	550.00	0.03	0.14	0.14	0.19
2	660.32	0.35	91.07	660.32	0.08	0.78	0.73	0.02
3	774.00	0.46	104.70	774.00	-0.04	1.56	1.39	0.04
4	886.00	0.81	55.62	885.99	0.29	2.65	2.52	0.17
5	1001.00	2.77	68.29	1000.93	1.78	5.91	6.09	0.52
6	1113.00	4.10	61.14	1112.72	4.71	11.93	12.79	0.37
7	1227.00	5.09	56.73	1226.36	9.45	19.72	21.87	0.28
8	1341.00	11.56	63.17	1339.10	17.39	34.16	38.33	1.72
9	1442.00	14.55	65.50	1437.48	27.22	54.74	61.13	0.90
10	1458.15	13.79	65.09	1453.14	28.87	58.33	65.09	1.42
11	1479.00	12.90	65.09	1473.42	30.90	62.70	69.90	1.28
12	1486.99	13.08	64.33	1481.21	31.67	64.32	71.69	0.93
13	1515.87	13.17	62.64	1509.33	34.60	70.19	78.25	0.41
14	1534.76	12.48	61.22	1527.75	36.57	73.89	82.44	1.20

Closure is 82.4429 Meters on an azimuth of 63.6687

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 10, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 1557m @ 0600
Formation: Kotcho

UWI: 3000156030123000

Hours Drilling: 10.5

Progress: 38.00m

Operational Status: Logging

Operational Summary: Drill directional 311mm hole. Circulate, Hoist to log. Log Platform Express, resistivity / neutron density / microlog / sonic.

Remarks: Shalc, probable fracture at 1554.8m DD, small gas response. Will be finished logging by 7:30, logs should be in town by 9:00. Sonic not dipole, its all they had available on short notice.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 24

Para et al Arrowhead O-15
60° 30' 123° 00'

Attn: Paul Collens.

Name: Para et al Arrowhead O-15

****TIGHT HOLE****

Grid Area: 60° 30' 123° 00'

Coordinates: Latitude 60° 24' 53.694" Longitude 123° 02' 31.174"

UWI: 3000156030123000

Area: Fort Liard, N.W.T

Permit: EL 369

Elevation: Ground 380.5m KB 387.0m

Deviated Hole: maximum 14.55°

Hole Size: 311mm

Mud: Cutter 'D'

Surface Casing: 339mm 81.1 kg/m landed @ 500m KB

Intermediate (1) casing: 244.5mm 64.74 kg/m

Intermediate (2) casing:

TD driller: 1557m

Field Prints: 4

Final Prints: 8 MD, 8 TVD

Logs: Stack tools

1. Resistivity

1:600, 1:240

From TD to Surface Casing

2. Density / Neutron / GR / DAC / ML

1:600, 1:240

(0-150) - (45 to -15)

Limestone matrix from TD to Surface Casing

Dolomite Repeat from TD to Surface Casing

Pull GRN through casing to 430m to tie into surface hole logs

3. BHC Sonic

1:600, 1:240

(0-150) - (100 - 300)

Run in mode applicable to separating shear and compression waves in town.

TD to Surface Casing

4. Cement Volume

on scratch for 244.5mm casing

Hole Volume

on scratch for plug back

Lognet: to Paul Collens @ Paramount Resources 266-2047
full logging suite

***** mark first readings on all curves*****

No shop copies. All scratches, scraps and garbage to be left at the lease.

Thanks,

COLIN

USER DEFINED LOG
Interval : 1505.00 to 1565.00 m

Para et al Arrowhead O-15
60 30' 123 00'

DATE	DRILLING RATE [min/m]	DEPTH	POROSITY TYPE	POROSITY	INTERPRETED	LITHOLOGY	GRAIN SIZE	OIL SHOWS	SORTING	ROUNDING	Hydrocarbon Gas %					GEOLOGICAL COMMENTS
											TGP	TG	C1	C2	C3	
03/10/1998		1510.0														SH m - dk gy, dk gy brn, predly plty, com CVG
																SH aa, abnt CVG
	DS 13.170° N62.640°E TVD 1509.33M															SH aa, abnt CVG
		1520.0														SH aa, abnt CVG
																SH m - dk gy, dk gy brn, m gy, silly calcs ip, plty - blky, abnt CVG
	Slide	1530.0														SH aa, abnt CVG
	DS 12.480° N61.220°E TVD 1527.75M									Survey, Rig Service						SH m - dk gy brn, m - dk gy, plty - blky, abnt CVG
		1540.0														SH m - dk gy, plty - blky, abnt CVG
																SH aa, abnt CVG
		1550.0														SH dk gy brn, m - dk gy, plty - blky, sils ip, abnt CVG
	Slide									Connection						
	Rotate									Liberated Gas						
	Trip to Log	1560.0														Point to log, plug back and case

REMARKS

Weather	Cloudy	Temp.-29c	Spud	92/02/14	Daily Cost	\$40,081	Cum Cost	\$1,911,247
Rig Mgr.	Dennis Ross		Phone	774-0472	Drig Spvr.	Dave Garstad		Phone 210-1884

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

PAGE TWO

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 09, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 1519m @ 0600
Formation: Kotcho

UWI: 3000156030123000

Hours Drilling: 14.0
Progress: 60.00m

Operational Status: Drilling

Operational Summary: Run in with motor and MWD. Drill and survey 311m hole.

Remarks: Shale. No shows. Ran in hole with no problems. 1442m (TVD 1437.5m) survey was 14.5° bearing North East. Slight increase in background from 1485m. Guestimate Exshaw 1488m, Kotcho 1503m.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 23

Para et al Arrowhead O-15
60° 30' 123° 00'

PARAMOUNT RESOURCES LTD.
DAILY DRILLING REPORT

Well Name Paramount Berkley Arrowhead O-15						Date	08/03/07	Day	21
Depth		1447	Progress	22	AFE	13577	Operation Drilling 311mm hole		
Elevations	Grd -	380.5	KB	6.22	Formation Banff				
Drilling Fluid Type		Cutter D	Volume		Fluid Vol.		Soap		
Wgt	1110	Visc	64	W.L.			PH		FC
Temp	48° C	PV 35	YP 20	600/180	110/ 75	Oil 82.5	Solids - %	13	
Tank Vol	97	Hole Vol	105	Total Vol	202	Gradient	10.9	Circ. Time	84

MUD ADDITIVES

Gel		Lime	37	SAPP		Soap		Shrinks	
Caustic		Vis-Plus		Lignite		Detergent		Cutter D	25m3
Benex		Sawdust	40	Gypsum		Disperse	6		
Soda ash		Kwikseal		Barite	30	Floordry	4		
Mud cost - Daily		14170	Cum	72841	Water cost - Daily		1390	Cum	24240

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water		BK	0.35
Deslitter					Oil	34	8x Sub	1.55
Centrifuge	Sharpell	1770	1065		Losses	1	Shock/Sub	3.83
Shaker	Swaco	Mesh	84/140	84/84	Dumped	10	2(zs) DC	18.92

BIT DATA

[illegible]

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM
1	152	105	12800	2.4	38	45	55	5700	105
2	140	105							

SURVEYS

1364	5°	1421	7°						
1075	2°	1137m	2 1/2°	1194m	3 1/2°	1252	4°	1308	4°

Drilling	21.6	NU BOP's	Rig up	Log	woc	
Tripping	1	P. test	Run Csg	Core	WOwelder	
Reaming		Slip & cut	Circulate	DST	BOPdntl	0.25
Survey	1	CTB	Cement	Lost. Circ	Hdl Tools	
Rig Serv.	0.5	Repair	safety/M	D.O.F&S	TOTAL	24

REMARKS

Drill 311mm hole, Rig Service, Survey Circ. BTMs Up, POOH
Remove Double Diamond Combination Stabilizer Reamer, PICK up Bit #5 & RIH
No Fill on BTM

Next 24hrs.-Drill 311mm hole, Spot Premix Tank, Rig in 2nd Centrifuge, Spot 89mm Pipe,
Rig In United Geocom with MWD

Weather	Cloudy	Temp.	-27c	Spud	92/02/14	Daily Cost	\$50,270	Cum Cost	\$1,871,166
Rig Mgr.	Dennis Ross		Phone	774-0472		Orig Spvr. Dave Garstad		Phone	210-1894

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

PAGE TWO

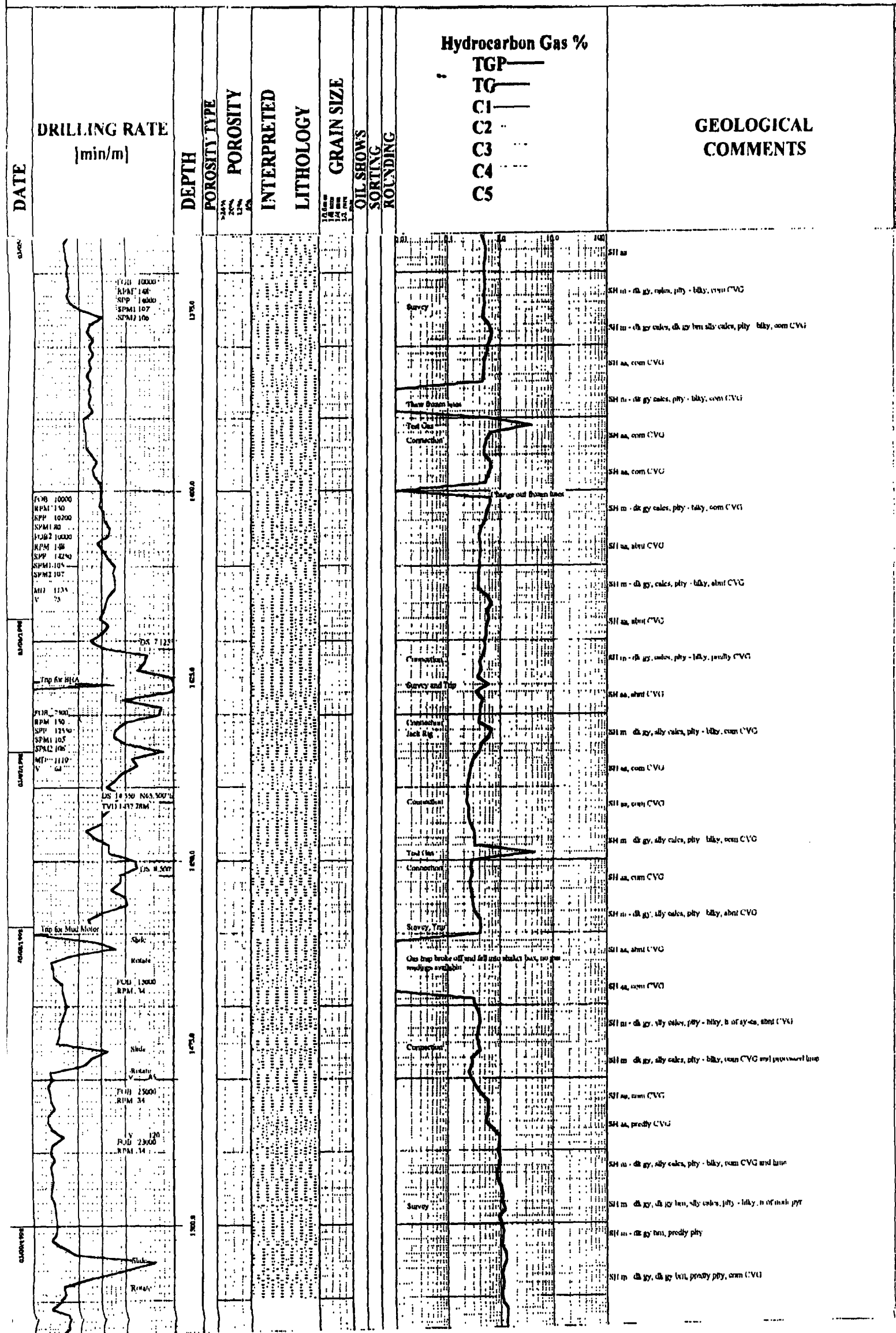
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USER DEFINED LOG

Interval : 1365.00 to 1515.00 m

Para et al Arrowhead O-15

60 30' 123 00'



Interval : 1410.00 to 1520.00 m

60 30' 123 00'

[illegible]

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

Well Name Paramount Berkley Arrowhead O-15						Date	98/03/06	Day	20
Depth	1425	Progress	42	AFE	13577	Operation POOH with Bit #4			
Elevations	Grd -	380.5	KB	6.22	Formation Banff				
Drilling Fluid Type		Cutter D	Volume		Fluid Vol.		Soap		
Wgt	1135	Visc	75	W.L.		PH		FC	
Temp	58° C	PV 40	YP 17.5	ANN/180	115/75	Oil 78	Solids - %		14
Tank Vol	70	Hole Vol	101	Total Vol	171	Gradient	11.18	Circ. Time	

MUD ADDITIVES

Gel		Lime		SAPP		Soap		Shrinks	
Caustic		Vis-Plus		Lignite		Detergent			
Benex		Sawdust	35	Gypsum		Disperse	12		
Soda ash		Kwikseal		Barite		Floordry	4		
Mud cost - Daily		4989	Cum	58671	Water cost - Daily		600	Cum	22850

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water		Bit	0.35
Desilter					Oil	8.5	Sab/Reamer	1.82
Centrifuge	Sharpell	1720	1115		Losses	1.5	Shock/Sub	3.83
Shaker	Swaco	Mesh	84/140	84/84	Dumped	3	2(228) DC	18.92
							Bit Sub	0.53

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m		
4	311	HP51H	DJ4132	3/15.9	1205	1425	220	10(171)DC	93.32
								Jars+x/o,s	5.8
								6(171) DC	55.88
3RR	311	HP43A	LB8283	2/14.3/12.7	867	1205	338	X/O	0.9
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque	5HWDP	55.17
42	21.5	1.05	72.5						
74	13.25	5.4	62.75	5/6/ o2				TOTAL	236.52

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPD	SPM
1	152							5700	105
2	140								

SURVEYS

1364	5"	1421	7"						
1075	2"	1137m	2 1/2"	1194m	3 1/2"	1252	4"	1308	4"

Drilling	21.5	NU BOP's		Rig up		Log		woc	
Tripping	1	P. test		Run Csg		Core		WOwelder	
Reaming		Slip & cut		Circulate		DST		BOPdrill	0.25
Survey	1	CTB		Cement		Lost. Circ		Hdl Tools	
Rig Serv.	0.5	Repair		safety/M		D.O.F&S		TOTAL	24

REMARKS

Drill 311mm hole, Rig Service, Survey Circ. BTMs Up, POOH									
Total Cutter D Losses to hole 24m3									
Next 24 hrs.- Spot Premix Tank,Rig In 2nd Centrifuge, Trip for Bit #4, Drill 311mm hole, Survey									

Weather	Cloudy	Temp.-16c	Spud	92/02/14	Daily Cost	\$75,241	Cum Cost	\$1,620,996
Rlg Mgr.	Dennis Ross		Phone	774-0472	Drig Spvr. Dave Garstad		Phone	210-1694

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

PAGE TWO

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 06, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 1425m @ 0600
Formation: Banff

UWI: 3000156030123000

Hours Drilling: 21.0
Progress: 46.00m

Operational Status: Drilling

Operational Summary: Drill and survey 311mm hole.

Remarks: Shalc. No shows. Will be tripping for a bit shortly. High water content in invert continues to make sampling a challenge and is causing lots of freeze up problems to the gas detector.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 20

Para et al Arrowhead O-15
60° 30' 123° 00'

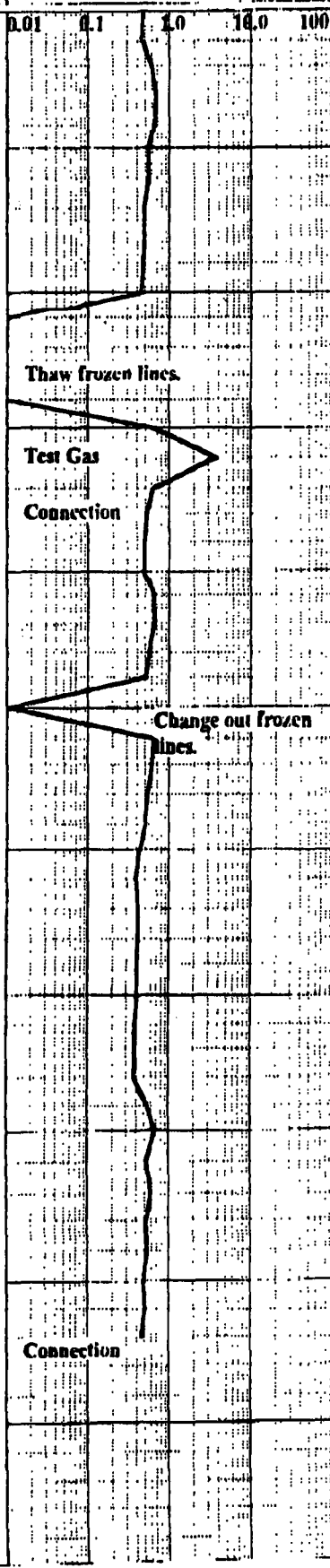
USER DEFINED LOG
Interval : 1375.00 to 1430.00 m

Para ct al Arrowhead O-15
60 30' 123 00'

DATE	DRILLING RATE [min/m]	DEPTH	POROSITY TYPE	POROSITY	INTERPRETED	LITHOLOGY	GRAIN SIZE	OIL SHOWS	SORTING	ROUNDING	Hydrocarbon Gas % TGP TG C1 C2 C3 C4 C5	GEOLOGICAL COMMENTS
03/06/1998		1380.0										SH m - dk gy calcs, dk gy brn silty calcs, pty - blk, com CVG
												SH aa, com CVG
		1390.0										SH m - dk gy calcs, pty - blk, com CVG
												SH aa, com CVG
		1400.0										SH aa, com CVG
												SH m - dk gy calcs, pty - blk, com CVG
		1410.0										SH aa, ahnt CVG
												SH m - dk gy, calcs, pty - blk, ahnt CVG
		1420.0										SH aa, ahnt CVG
		0.0										

FOR 10000
RPM 140
SPP 10200
SPM1 80
SPM2 85

FOR 10000
RPM 148
SPP 14250
SPM1 105
SPM2 107



PARAMOUNT RESOURCES LTD.
DAILY DRILLING REPORT

Well Name Paramount Berkley Arrowhead O-15					Date	98/03/05	Day	18
Depth 1383		Progress 78	AFE	13577	Operation Dr'g. 311mm hole			
Elevations	Grd -	380.5	KB	6.22	Formation Banff			
Drilling Fluid Type		Cutter D	Volume	Fluid Vol.	Soap			
Wgt	1140	Visc	98	W.L.	PH		FC	
Temp	54° C	PV 50	YP 25	800/180	150/100	Oil 78	Solids - %	14
Tank Vol	85	Hole Vol	100	Total Vol	165	Gradient	11.18	Circ. Time 69

MUD ADDITIVES

Gel		Lime	200	SAPP		Soap		Shrinks	
Caustic		Vls-Plus		Lignite		Detergent			
Benex		Sawdust	25	Gypsum		Disperse	7		
Soda ash		Kwikseal		Barite		Floordry	5		
Mud cost - Daily		7591	Cum	53682	Water cost - Daily	1390	Cum		22250

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desitter					Oil	10	Sab/Rubber	1.82
Centrifuge	Sharpell	1720	1115		Losses		Shack/Sub	3.83
Shaker	Swaco	Mesh	84/140	84/84	Dumped	8	2(22) DC	18.92
BIT DATA							Roll Sub	0.53

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m	10(171)DC	93.32
4	311	HP51H	DJ4132	3/15.9	1205		178	Jare-x/o,s	5.8
								2(171) DC	56.88
3RR	311	HP43A	LB8283	2/14.3/12.7	887	1205	338	x/o	0.9
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque	CHWBP	55.17
78	21	3.70	51		10	150			
74	13.25	5.4	62.75	5/8/ o2				TOTAL	238.82

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM
1	152	105	14380	2.4	38	45	87	5700	105
2	140	105							

SURVEYS

1384	5"								
1075	2"	1137m	2 1/2"	1194m	3 1/2"	1252	4"	1308	4"

Drilling	21	NU BOPs		Rig up		Log		woc	
Tripping		P. test		Run Csg		Core		WOwelder	
Reaming		Slip & cut		Circulate		DST		BOPdrill	0.25
Survey	1.75	CTB		Cement		Lost. Circ		Hdl Tools	
Rig Serv.	0.75	Repair	0.25	safety/M		D.O.F&S		TOTAL	24

REMARKS

[illegible]

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 05, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 1379m @ 0600
Formation: Banff

UWI: 3000156030123000

Hours Drilling: 21.0
Progress: 81.00m

Operational Status: Drilling

Operational Summary: Drill and survey 311mm hole.

Remarks: Shale. No shows. Hole built to 5° so went back to fanning. Slower ROP. Really dehydrated shales, tough to recover a competent sample. Tried washing with solvents, diesel, air, etc. but with high water content in mud the shale still breaks down and disperses. Any water contact and it blows up like popcorn. Only thing that seems to work is volume ie. process a lot of cuttings.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 19

Para et al Arrowhead O-15
60° 30' 123° 00'

USER DEFINED LOG

Interval : 1285.00 to 1385.00 m

Para et al Arrowhead O-15

60 30' 123 00'

DATE	DRILLING RATE (min/m)	DEPTH	POROSITY TYPE	POROSITY	INTERPRETED	LITHOLOGY	GRAIN SIZE	OIL SHOWS	SORTING	ROUNDING	Hydrocarbon Gas %					GEOLOGICAL COMMENTS
											TGP	TG	C1	C2	C3	
		1290.0									0.01	0.1	1.0	10.0	100	SH m gy, m - dk gy, silty calcs, plty, tr sks, abnt CVG
																SH aa, abnt CVG
		1300.0														SH aa, abnt CVG
																SH m gy, m - dk gy, calcs, plty - blk, com CVG
																SH m - dk gy, m - dk gy brn, calcs, plty, com CVG
	DS 4.000	1310.0														SH m - dk gy, m - dk gy brn, calcs, plty, com CVG
											Connection					SH m - dk gy, m - dk gy brn, calcs, plty, com CVG
																SH m gy, m - dk gy, calcs, plty, com CVG
		1320.0									Survey					SH m gy, m - dk gy, calcs, plty, com CVG
	FOU 20000 RPM 80 SPP 11400 SPM1 106 SPM2 107															SH m gy, m - dk gy, calcs, plty, com CVG
																SH m - dk gy, m - dk gy brn, calcs, plty - blk, com

03/05/1998

Depth 1375.50
FOB 10000
RPM 148
SPP 14250
SPM1 106
SPM2 107

DS 5,000'

1330.0

1340.0

1350.0

1360.0

1370.0

1380.0

Connection

0.01 0.1 1.0 10.0 100

Connection

Survey

CVG

SH aa

SH m - dk gy, m - dk gy hrm, calcs, plty, shat CVG

SH m - dk gy, calcs, plty - blk, com CVG

SH aa, com CVG

SH aa, com CVG

SH m - dk gy, calcs, plty - blk, com CVG

SH aa

SH aa

SH m - dk gy, calcs, plty - blk, com CVG

PARAMOUNT RESOURCES LTD.
DAILY DRILLING REPORT

Well Name Paramount Berkley Arrowhead Q-15						Date	05/03/04	Day	18
Depth	1305	Progress	78	AFE	13577	Operation Dr/g. 311mm hole			
Elevations	Grd -	380.5	KB	6.22	Formation Banff				
Drilling Fluid Type		Cutter D	Volume		Fluid Vol.		Soap		
Wpl	1120	Visc	62	W.L.		PH		FC	
Temp	55° C	PV 34	YP 21	800/180	110/78	Oil 77	Solids - %	12	
Tank Vol	67	Hole Vol	94	Total Vol	181	Gradient	10.99	Circ. Time	67

MUD ADDITIVES

Gel		Lime	184	SAPP		Soap		Shrinks	
Caustic		Vis-Plus		Lignite		Detergent			
Benex		Sawdust	38	Gypsum		Disperse	7		
Soda ash		Kwikseal		Barite		Floordry	5		
Mud cost - Daily		7311 Cum		48091	Water cost - Daily		600 Cum		20860

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water		84	0.35
Desilter					Oil	20	Sub/Reamer	1.82
Centrifuge	Sharpell	1720	1110		Losses		Shoot/Sub	3.83
Shaker	Swaco	Mesh	84/140	84/84	Dumped	9	2(228) DC	18.92
BIT DATA							Ball Sub	0.53

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m	19(171)DC	83.32
4	311	HP51H	DJ4132	3/15.9	1205		100	Jars-o/s	5.8
								8(171) DC	55.88
3RR	311	HP43A	LB5263	2/14.3/12.7	867	1205	338	X/O	0.9
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque	GWDP	55.17
78	22.75	3.40	30		18	80			
74	13.25	5.4	62.75	5/6/ o2				TOTAL	236.52

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM
1	152	105	13700	2.4	38	45	67	5700	105
2	140	105							

SURVEYS

576m	1°	690m	1/8°	804m	1/4°	908m	1°	973m	3/4°
1075	2°	1137m	2 1/2°	1194m	3 1/2°	1252	4°		

Drilling	22.75	NU BOP's	Rig up	Log	woc
Tripping		P. test	Run Gag	Core	WOwelder
Reaming		Slip & cut	Circulate	DST	BOPdrill
Survey	0.75	CTB	Cement	Lost. Circ	Hdl Tools
Rig Serv.	0.5	Repair	safety/M	p.O.F&S	TOTAL
					24

REMARKS

Drill 311mm hole, Rig Service, Survey

Next 24hrs.- Drill 311mm hole, Rig Service, Survey, Work on straightening hot Fence Sumps

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 04, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 1298m @ 0600
Formation: Banff

UWI: 3000156030123000

Hours Drilling: 22.0
Progress: 76.00m

Operational Status: Drilling

Operational Summary: Drill 311mm hole.

Remarks: Predominantly shale. No shows.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 18

Para et al Arrowhead O-15
60° 30' 123° 00'

03/04/1998

FOB 17000
 RPM 80
 SPP 13750
 SPM1 105
 SPM2 106

1260.0

1270.0

1280.0

1290.0

1300.0

0.01 0.1 1.0 10.0 100

Survey

Connection

SH m gy, m - dk gy, silty calcs, abnt CVG

SH aa, abnt CVG

SH aa, abnt CVG

SH m gy, m - dk gy, silty calcs, plty, abnt CVG and processed line

SH aa, abnt CVG

SH aa, abnt CVG

SH m gy, m - dk gy, silty calcs, plty, tr sks, abnt CVG

SH aa, abnt CVG

WELL	Wellhead O15	Feb 23/98	Feb 24/98	Feb 25/98	Feb 26/98	Feb 27/98	Feb 28/98	Mar 1/98	Mar 2/98	Mar 3/98	Mar 4/98
Code	Description										
100	Logistics										
101	Surveying										
102	Legal and Licence										
103	Access Preparation										
104	Wellsite Preparation		2520						1810		
106	Conductor, Rathole										
108	Wellsite Restoration										
109	Access Restoration										
116	Maintenance										
117	Towing										
119	Supervision										
	Total										
200	Drilling Costs										
201	Move in - Rig up										
203	Drilling Rig Daywork	10732	10752	10752	10752	10752	10752	10752	10752	10752	
205	Boiler	1080	2180	1080	1080	1080	1305	1305	1305	1305	
206	Tear out - Rig out										
210	Camp and Catering	2400	2400	2400	2400	2400	2400	2400	2400	2400	
211	Crew Subsistence	185	185	185	185	185	750	750	750	750	
212	Aviation Support										
214	Fuel					10781			6525		
216	Communications	185	185	185	185	185	185	185	185	185	
218	Water	1000	800	1000	1000	800	1000	800	3660	800	
219	Vacuum Truck										
220	Drilling Fluids				3138	6583	9485	9237	2379	7311	
222	Air Drilling	28233	13685	15365	8886	5923					
223	Underbalanced Drilling										
224	Technical Support	200	200	200	200	200	200	200	200	200	
225	Drilling Supervision	670	670	670	670	670	670	670	670	670	
228	Directional Drilling & Surveys										
230	Medical & Safety Services	525	525	525	525	525	525	525	525	525	
232	Fishing										
234	Contract Services	6755	25185			2650				32153	
236	Transportation	5072		4820	38860	390	650	4175	2240		
240	Equipment Rentals	2725	2725	2725	2940	2940	2940	12540	4863	4748	
242	Drilling Bits		3500								
244	Abandonment & Plugback										
246	Lost Equipment										
250	Miscellaneous Materials										
252	Surface Casing										
253	Surface Casing Accessories										
254	Cement Surface Casing										
255	Surface Casing Services										
256	Intermediate Casing										
257	Intermediate Casing Access.										
258	Cement Intermediate Casing										
259	Intermediate Casing Services										
262	Wireline - Slickline										
	Total										
300	Evaluations										
301	Coring										
302	Logging										
303	Formation Testing										
304	Geological Supervision		10500	700	700	700	700	700	700	700	
305	Analyses										
310	Production/AOF Testing										
	Total										
400	Production Casing										
401	Casing Accessories										
402	Production Casing										
403	Cement Production Casing										
404	Production Casing Services										
	Total										
800	Well Equipment										
801	Drilling Wellhead Parts										
802	Completion Wellhead Parts										
803	Tubing										
805	Tubing Accessories										
	Total	60742	73752	40687	71501	66524	31522	44019	39144	62279	0
	Cum Total	1300961	1378733	1417420	1488821	1535445	1568987	1610986	1650130	1712409	1712409

WELL	Head O15	Feb 12/98	Feb 13/98	Feb 14/98	Feb 15/98	Feb 16/98	Feb 17/98	Feb 18/98	Feb 19/98	Feb 20/98	Feb 21/98	Feb 22/98
Code	Option											
1	Logistics											
101	Surveying											
102	Legal and License											
103	Access Preparation											
104	Wellbore Preparation				8379							
106	Conductor, Retrials											
108	Wellbore Restoration							1600				
109	Access Restoration											
118	Maintenance											
117	Towing											
119	Supervision											
	Total											
200	Drilling Costs											
201	Move In - Rig up							3000				
203	Drilling Rig Daywork	7200	7200	7300	10732	10752	10752	10752	10752	10752	10752	10752
205	Boiler	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080
208	Tear out - Rig out											
210	Camp and Catering	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
211	Crew Subsistence	185	185	185	185	185	185	185	185	185	185	185
212	Airport Support	2800										
214	Fuel		12287				8837		8848			
216	Communications	185	185	185	185	185	185	185	185	185	185	185
218	Water	1200	800	1000	800	1000	800	1000	800	1000	800	800
219	Vacuum Truck											
220	Drilling Fluids				1388	3804	1883	1083	1083			
222	Air Drilling	30802	10787	10278	18088	7845	18201					
223	Underbalanced Drilling											
224	Technical Support	200	200	200	200	200	200	200	200	200	200	200
225	Drilling Supervision	670	670	670	670	670	670	670	670	670	670	670
228	Directional Drilling & Surveys											
230	Medical & Safety Services	525	525	525	525	525	525	525	525	525	525	525
232	Flaring											
234	Contract Services	1532	3080	3050	13080	12788	5300		8253	3384		
236	Transportation	21288	3875		15280	2072			5828			
240	Equipment Rentals	3275	5180	2710	2710	3730	2883	3328	3328	2328	2725	2725
242	Drilling Bits			58080			28500					
244	Abandonment & Plugback											
246	Lost Equipment											
250	Miscellaneous Materials		826									
252	Surface Casing								83800			
253	Surface Casing Accessories								17289			
254	Cement Surface Casing								108344			
255	Surface Casing Services											
256	Intermediate Casing											
257	Intermediate Casing Access.											
258	Cement Intermediate Casing											
259	Intermediate Casing Services											
262	Wireline - Motors											
	Total											
	Evaluations											
301	Coring											
302	Logging								18908			
303	Formation Testing											
304	Geological Supervision	700	700	700	700	700	700	700				
305	Analysis											
310	Production/ACF Testing											
	Total											
400	Production Casing											
401	Casing Accessories											
402	Production Casing											
403	Cement Production Casing											
404	Production Casing Services											
	Total											
	Well Equipment											
801	Drilling Wellhead Parts											
802	Completion Wellhead Parts											
803	Tubing											
805	Tubing Accessories											
	Total	74872	48488	88533	78070	47678	79833	28815	43388	217273	22888	18282
	Cum Total	588338	618105	707838	783708	831384	911037	937882	981018	1188281	1220867	1240239

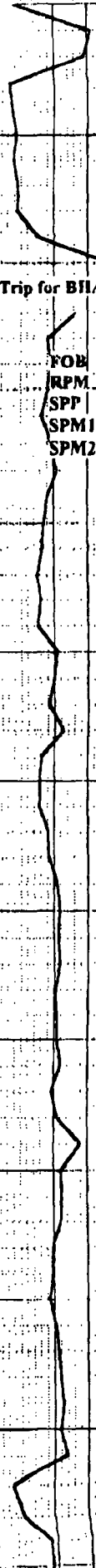
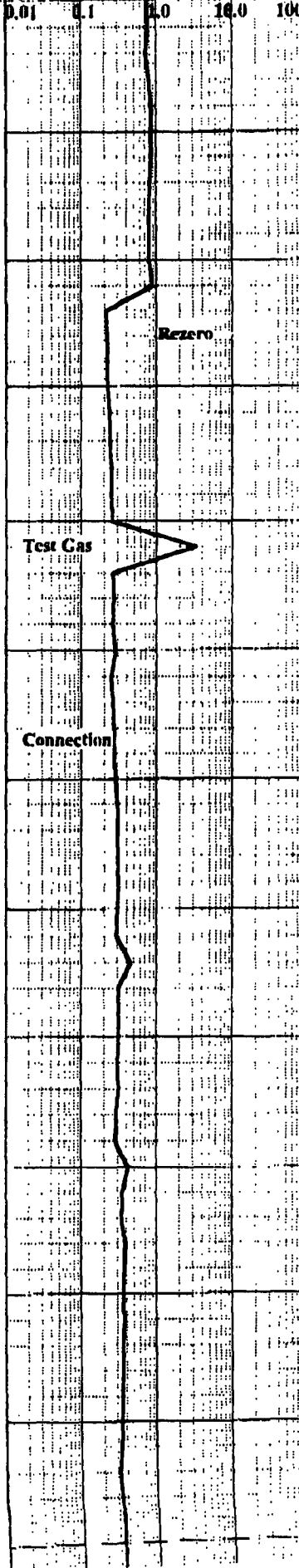
WELL Code	Assigned Q15 Description	Field Estimate	APE Cost	Funds Remaining	Percent Remaining	Date Day S	Feb 6/98	Feb 7/98	Feb 8/98	Feb 9/98	Feb 10/98	Feb 11/98
100	Logistics											
101	Surveying	20000	20000	0	0%		20000					
102	Legal and License	18000	18000	0	0%		18000					
103	Access Preparation	30000	29000	-14000	-50%		30000					
104	Wellbore Preparation	112800	55000	-57800	-105%		100000					
105	Conductor, Rathole	14000	14000	0	0%		14000					
106	Wellbore Restoration	1800	35000	33400	85%							
108	Access Restoration	0	0	0	#DIV/0!							
118	Maintenance	0	10000	10000	100%							
117	Towing	0	0	0	#DIV/0!							
119	Supervision	10000	28000	18000	65%		10000					
	Total	215400	202000	-13400	-7%							
	Drilling Costs											
201	Move in - Rig up	105775	270000	-103225	-38%			103775				
203	Drilling Rig Daywork	247804	810000	-562196	-69%		7200	7200	7200	7200	7200	7200
205	Soiler	30000	88000	-30040	-65%		720	720	720	1440	1440	1440
206	Tear out - Rig out	0	250000	-250000	-100%							
210	Camp and Catering	82400	250000	-167600	-75%		2400	2400	2400	2400	2400	2400
211	Crew Subsistence	6830	30000	-23170	-76%		165	165	165	165	165	165
212	Aviation Support	3000	84000	-80800	-96%							
214	Fuel	62889	300000	-237111	-79%				6384	12278		
216	Communications	3000	30000	-26370	-88%						165	165
218	Water	23880	44000	-20120	-46%		450	1500	1200	880	800	600
219	Vacuum Truck	0	10000	-10000	-100%							
220	Drilling Fluids	48024	208000	-161976	-78%							
222	Air Drilling	167181	280000	-62800	-33%							
223	Underbalanced Drilling	0	88000	-88000	-100%							
224	Technical Support	8200	28000	-19800	-71%		200	200	200	200	200	200
225	Drilling Supervision	18770	80000	-61230	-77%		1350	1040	885	678	670	670
228	Directional Drilling & Surveys	0	0	0	#DIV/0!							
230	Medical & Safety Services	13800	60000	-46200	-77%		525	525	525	525	525	525
232	Fishing	0	0	0	#DIV/0!							
234	Contract Services	127434	120000	7434	6%		5754	5812	1532	1532	1532	1532
236	Transportation	104387	210000	-105613	-50%							
240	Equipment Rentals	68671	280000	-211329	-75%		1805	1805	1805	1805	2000	2100
242	Drilling Bits	81000	270000	-178910	-66%							
244	Abandonment & Plugback	0	0	0	#DIV/0!							
246	Lost Equipment	0	5000	-5000	-100%							
250	Miscellaneous Materials	2887	0	2887	#DIV/0!							2172
252	Surface Casing	62000	64000	-1500	-2%							
253	Surface Casing Accessories	0	3000	-3000	-100%							
254	Cement Surface Casing	108344	38000	71344	24%							
256	Surface Casing Services	0	8000	-8000	-100%							
258	Intermediate Casing	0	181000	-181000	-100%							
257	Intermediate Casing Access.	0	5000	-5000	-100%							
259	Cement Intermediate Casing	0	85000	-85000	-100%							
258	Intermediate Casing Services	0	8000	-8000	-100%							
262	Wireline - Blanking	0	8000	-8000	-100%							
	Total	1440206	4080000	-2639794	-65%							
	Evaluations											
301	Coring	0	0	0	#DIV/0!							
302	Logging	18806	108000	-89194	-84%							
303	Formation Testing	0	0	0	#DIV/0!							
304	Geological Supervision	22700	70000	-47300	-68%						1500	800
305	Analysis	0	20000	-20000	-100%							
310	Production/AOF Testing	0	0	0	#DIV/0!							
	Total	38506	128000	-158494	-80%							
	Production Casing											
401	Casing Accessories	0	20000	-20000	-100%							
402	Production Casing	0	58000	-58000	-100%							
403	Cement Production Casing	0	28000	-28000	-100%							
404	Production Casing Services	0	5000	-5000	-100%							
	Total	0	108000	-108000	-100%							
	Well Equipment											
801	Drilling Wellhead Parts	0	10000	-10000	-100%							
802	Completion Wellhead Parts	0	38000	-38000	-100%							
803	Tubing	0	0	0	#DIV/0!							
805	Tubing Accessories	0	0	0	#DIV/0!							
	Total	0	48000	-48000	-100%	Subtotal	221509	18867	188881	29051	18367	2
	Cum Total	1698120	4831000	-2932880	-64%	Cum.	221509	240866	427417	458466	474885	494884

USER DEFINED LOG

Interval : 1195.00 to 1305.00 m

Para et al Arrowhead O-15

60 30' 123 00'

DATE	DRILLING RATE [min/m]	DEPTH	POROSITY TYPE	POROSITY	INTERPRETED LITHOLOGY	GRAIN SIZE	OIL SHOWS SORTING ROUNDING	Hydrocarbon Gas % TGP TG C1 C2 C3 C4 C5	GEOLOGICAL COMMENTS
03/03/1998	 DS 3.500" Trip for BHA FOB 9000 RPM 150 SPP 13800 SPM1 107 SPM2 105 DS 4.125"	1200.0 1210.0 1220.0 1230.0 1240.0 1250.0						 Test Gas Connection Rezero	SH aa, abnt CVG SH m - dk gy, plty, calcs, abnt CVG and mud additives SH m gy, m - dk gy, silty calcs, fls, plty, abnt CVG SH m gy, m - dk gy, silty calcs, plty, abnt CVG SH aa, predly CVG SH m gy, m - dk gy, silty calcs, plty, abnt CVG SH aa, abnt CVG SH m gy, m - dk gy, silty calcs, abnt CVG SH aa, abnt CVG SH m gy, m - dk gy, silty calcs, plty, abnt CVG SH m gy, m - dk gy, silty calcs, plty, skip, abnt CVG SH aa, abnt CVG

Interval : 1190,00 to 1305.00 m

60 30' 123 00'

[illegible]

PARAMOUNT RESOURCES LTD.
DAILY DRILLING REPORT

Well Name Paramount Berkley Arrowhead O-15					Date	98/03/03	Day	17
Depth	1227	Progress	22	AFE	13577	Operation Dr'l'g. 311mm hole		
Elevations	Grd -	380.5	KB	6.22	Formation Banff			
Drilling Fluid Type		Cutter D	Volume		Fluid Vol.		Soap	
Wgt	1105	Visc	89	W.L.		PH	FC	
Temp	47°C	PV 45	YP 25	600/180	140/95	Oil 76	Solids - %	11
Tank Vol	58	Hole Vol	89	Total Vol	147	Gradient	10.8	Circ. Time
								61

MUD ADDITIVES

Gel		Lime	64	SAPP		Soap		Shrinks	8
Caustic		Vis-Plus		Lignite		Detergent			
Benex		Sawdust	10	Gypsum		Disperse			
Soda ash		Kwikseal		Barite	20	Floordry	3		
Mud cost - Daily		2379	Cum	38780	Water cost - Daily		3660	Cum	20260

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water		Bit	0.35
Desilter					Oil	20	Sub/Reamer	1.82
Centrifuge	Sharpell				Losses		Shock/Sub	3.83
Shaker	Swaco	Mesh	84/140	84/84	Dumped	6	2(228) DC	18.92
BIT DATA							Ball Sub	0.53

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m	10(171)DC	93.32
4	311	HP51H	DJ4132	3/15.9	1205		22	Jara+x/o,s	5.8
								8(171) DC	55.88
3RR	311	HP43A	LB8263	2/14.3/12.7	867	1205	338	x/o	0.9
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque	5HWDP	55.17
22	7.25	3.00	7.25		10	150			
74	13.25	5.4	62.75	5/8/ o2				TOTAL	236.52

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM
1	152	105	13700	2.4	38	45	67	5700	105
2	140	105							

SURVEYS

576m	1°	690m	1/8°	804m	1/4°	908m	1°	973m	3/4°
1075	2°	1137m	2 1/2°	1194m	3 1/2°				

Drilling	7.25	NU BOP's		Rig up		Log		woc	
Tripping	1	P. test		Run Csg		Core		WOwelder	
Reaming	15.5	Slip & cut		Circulate		DST		BOPdrill	
Survey		CTB		Cement		Lost. Circ		Hdl Tools	
Rig Serv.	0.25	Repair		safety/M		D.O.F&S		TOTAL	24

REMARKS

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 03, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 1222m @ 0600
Formation: Banff

UWI: 3000156030123000

Hours Drilling: 5.0
Progress: 17.00m

Operational Status: Drilling

Operational Summary: Trip for BHA, Ream to bottom, Drill 311mm hole.

Remarks: Predominantly shale. No shows. Will increase ROP after the hole starts to drop angle.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 17

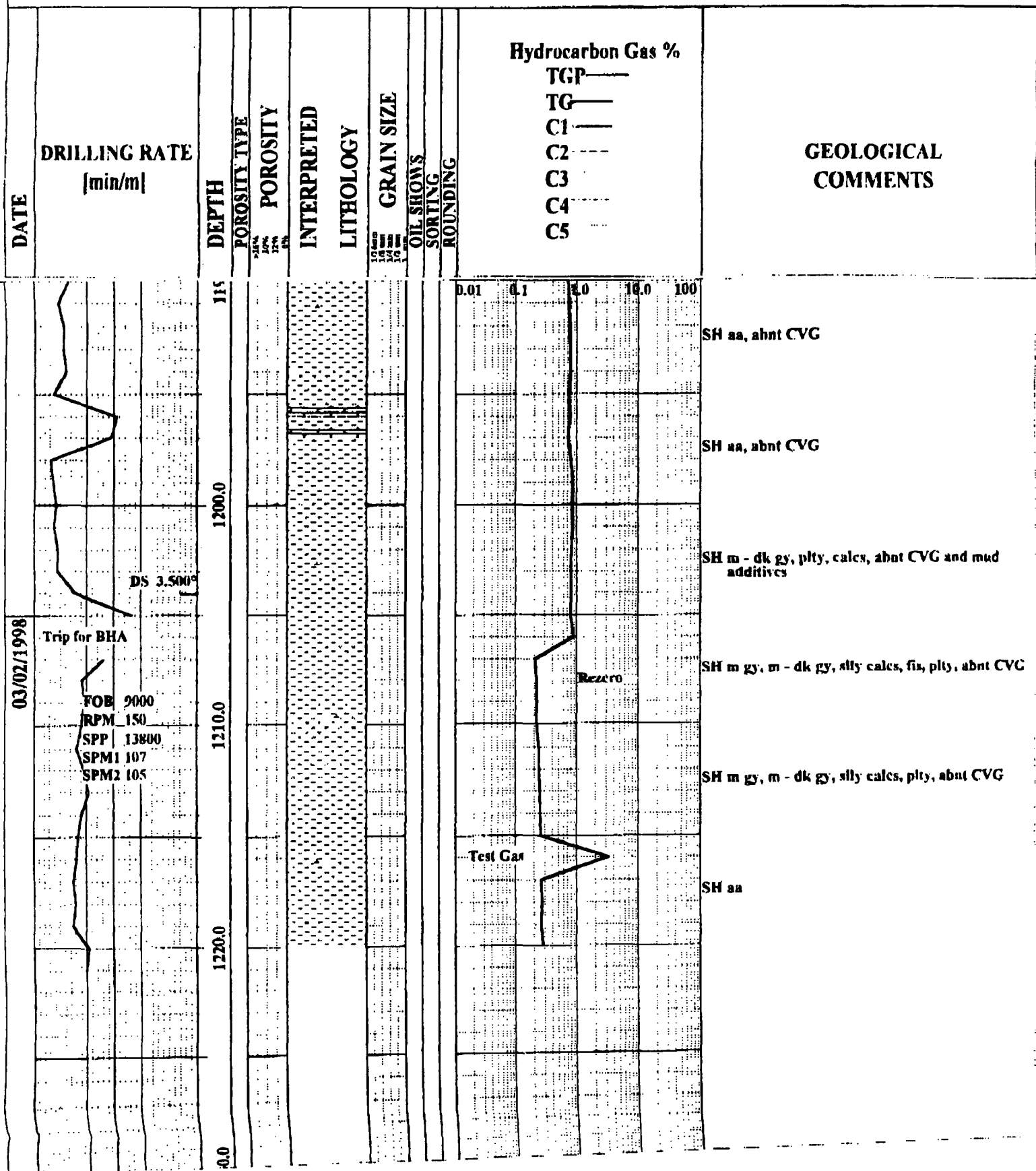
Para et al Arrowhead O-15
60° 30' 123° 00'

USER DEFINED LOG

Interval : 1190.00 to 1230.00 m

Para et al Arrowhead O-15

60 30' 123 00'



Weather	cloudy	Temp.	-8°C	Spud	02/02/14	Daily Cost	\$44,019	Cum Cost	\$1,610,965
Rig Mgr.	Dennis Ross	Phone	774-0472	Drig Spvr.	Dave Garstad	Phone	210-1894		

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

PAGE TWO

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Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 02, 1998

UWI: 3000156030123000

Well Name: Para et al Arrowhead O-15

Location: 60° 30' 123° 00'

Hours Drilling: 14.0

Morning Depth: 1205m @ 0600

Progress: 83.00m

Formation: Banff

Operational Status: Tripping

Operational Summary: Drill and survey as required, Trip for BH A

Remarks: Predominantly shale, abundant cavings and lime, No shows, Hole building angle, trip for stiffer assembly.

KB. 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS.** 16

Para et al Arrowhead O-15
60° 30' 123° 00'

DAILY DRILLING REPORT

MUD ADDITIVES

SOLIDS CONTROL

BIT DATA

PUMP DATA

SURVEYS

REMARKS

Drill 311mm hole, Rig Service, Survey
Next 24hrs.- Drill 311mm hole, Cond. Cutter D while Dr'g, Survey, Rig Service, Adj. Pitt for Cuttings

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: March 01, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 1122m @ 0600
Formation: Banff

UWI: 3000156030123000

Hours Drilling: 21.0
Progress: 146.00m

Operational Status: Drilling

Operational Summary: Drill and survey as required

Remarks: Picked Banff on prognosis @ 979m. Looks quite rubbly in the upper part, minor shale gas sniffs from probable fractures @ 995, 1007 and 1021m. Occasionally shipping diesel contaminated mud from shale sloop through shaker box which appears to account for small anomalous gas readings.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 15

Para et al Arrowhead O-15
60° 30' 123° 00'

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 16

PARAMOUNT RESOURCES LTD.
DAILY DRILLING REPORT

Well Name Paramount Berkley Arrowhead O-15					Date	98/02/28	Day	14
Depth	980	Progress	105	AFE	13577	Operation Dr'g. Ahead 311mm Hole		
Elevations	Grd -	380.5	KB	6.22	Formation Flett - limestone			
Drilling Fluid Type		Cutter D	Volume		Fluid Vol.		Soap	
Wgt	1080	Visc	86	W.L.		PH		FC
Temp	40°C	PV 55	YP 25	600/180	180/105	Oil	Solids - %	77
Tank Vol	65	Hole Vol	71	Total Vol	136	Gradient	10.4	Circ. Time
								57

MUD ADDITIVES

Gal		Lime	175	BAPP		Soap			
Caustic		Vis-Plus		Lignite		Detergent			
Benex		Sawdust	20	Gypsum		Disperse	6		
Soda ash		Kwikseal		Barte		Floordry	5		
Mud cost - Daily		6593	Cum	17699	Water cost - Daily		600	Cum	15000

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water		BIT	0.35
Desilter					Oil	22	BIT SUB	1.06
Centrifuge	Sharpell				Losses		2225DC	18.92
Shaker	Swaco	Mesh	84/140	84/84	Dumped		Ball Sub	0.51
BIT DATA							Shock Sub	3.84

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m	x/o	0.45
1	311	FDS	LC8522	4x14.3	500	510	10	10(171)DC	93.32
2RR	311	H4252R3	KJ7805	5/8choke	510	867	357	X/O	0.36
3RR	311	HP43A	LB8263	2/14.3/12.7	867		113	Jars	5.03
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque	x/o	0.41
	8.75	1.10	8.75	3/3/1				6(171)DC	55.88
32	20.5	17.00	21					X/O	0.9
8	22	4.8	26.75		13000+	110		TOTAL	236.00

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM
1	152	104	14500	2.4	39	45	89	7000	100
	140	105							

SURVEYS

578m	1°	690m	1/8°	804m	1/4°	908m	1°	973m	3/4°
------	----	------	------	------	------	------	----	------	------

TIME BREAKDOWN

Drilling	22	NU BOP's	Rig up	Log	WOC
Tripping		P. test	Run Csg	Core	WOWelder
Reaming		Slip & cut	Circulate	DST	BOPPart
Survey	1.5	CTB	Cement	Lost. Circ	Hdl Tools
Rig Serv.	0.5	Repair	safety/M	D.O.F&S	TOTAL
					24

REMARKS

Drill 311mm hole.Rig Service,Survey
Next 24hrs.- Drill 311mm hole,Cond. Cutter D while Drfg, Survey, Rig Service

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: February 28, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 976m @ 0600
Formation: Flett

UWI: 3000156030123000

Hours Drilling: 22.0
Progress: 104.00m

Operational Status: Drilling

Operational Summary: Drill and survey as required

Remarks: Getting a lot of cavings and mud additives (lime for dewatering cutter 'D').
Probable Pekisko 952 - 979m, no shows.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 14

Para et al Arrowhead O-15
60° 30' 123° 00'

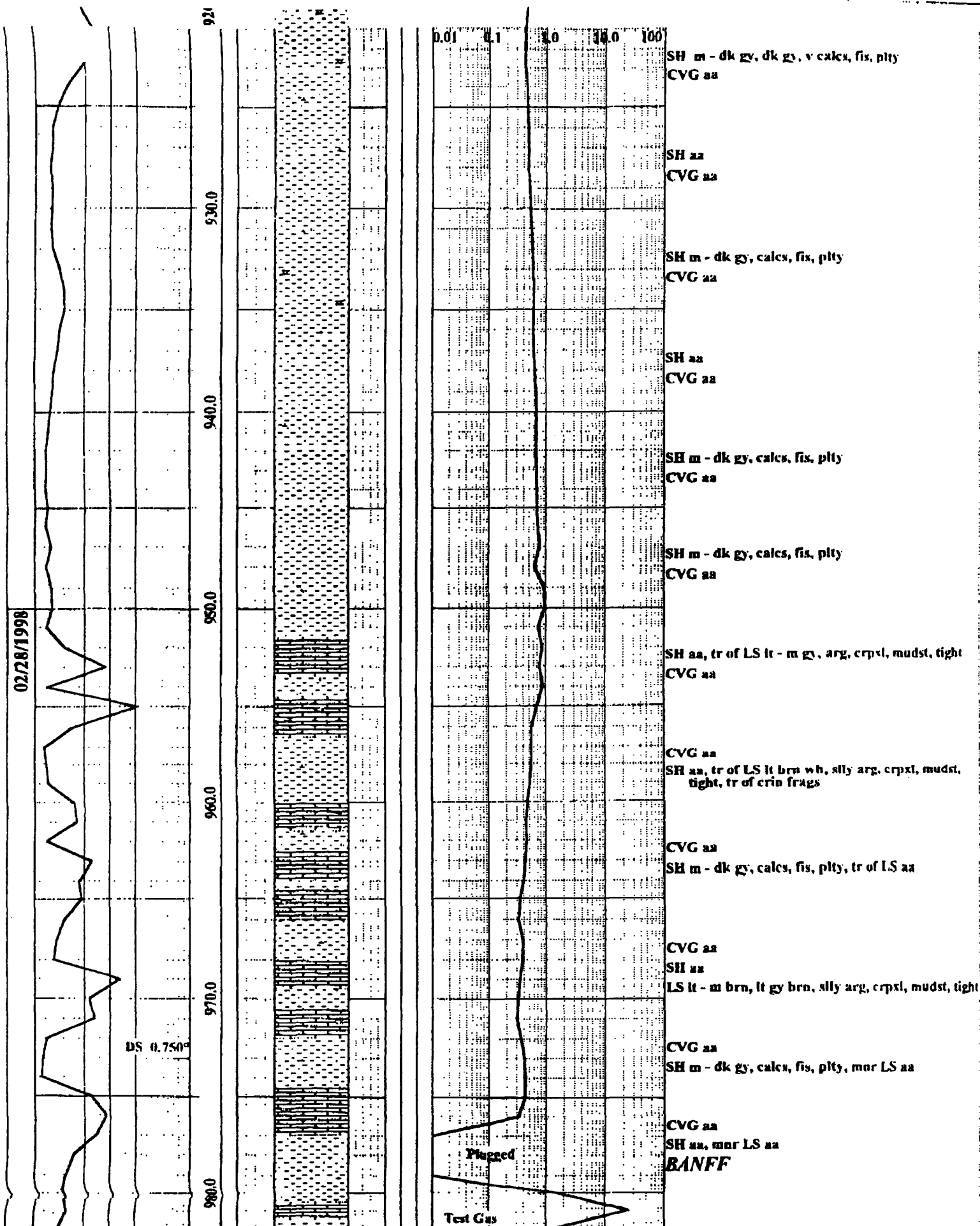
USER DEFINED LOG

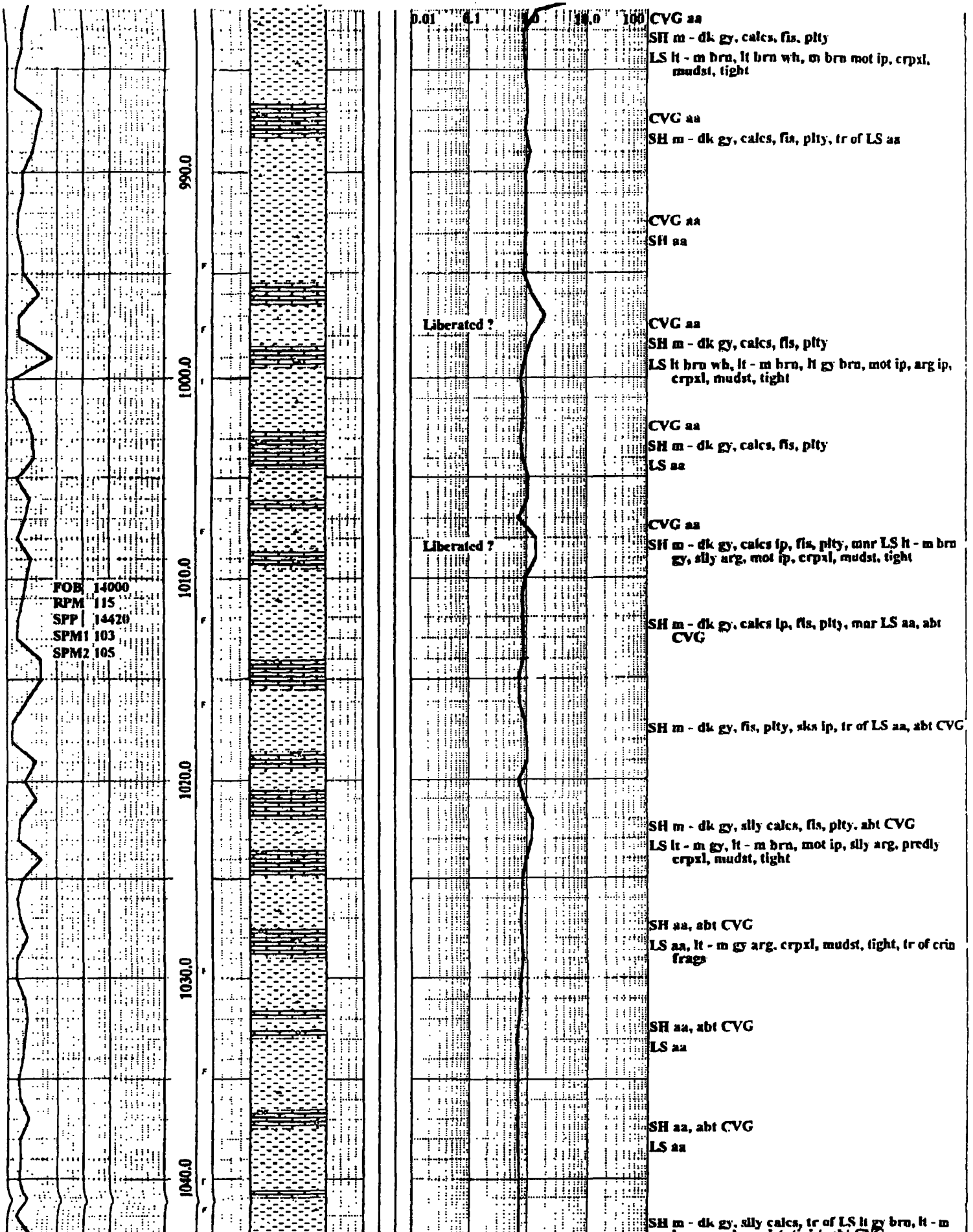
Interval : 860.00 to 1215.00 m

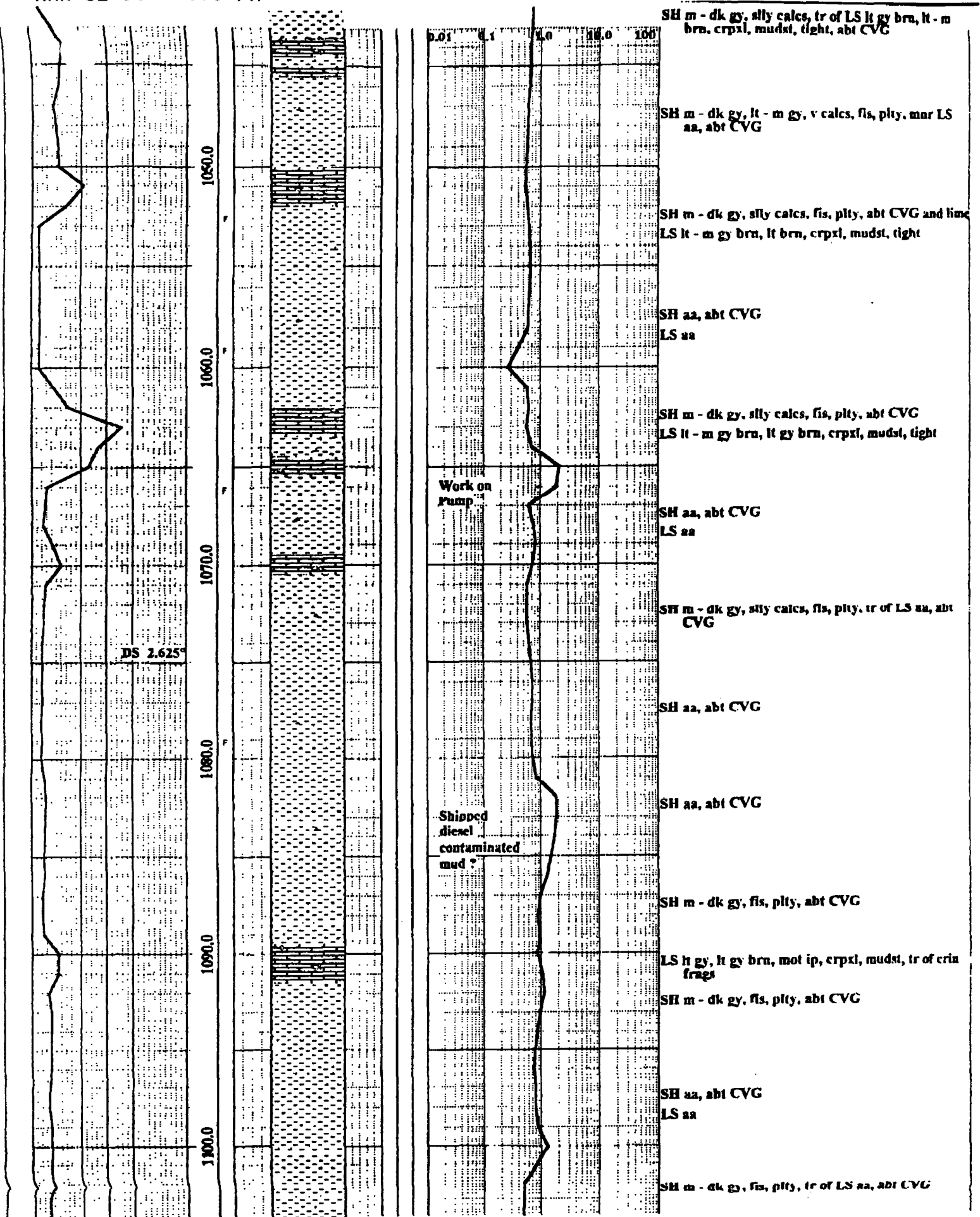
Para et al Arrowhead O-15

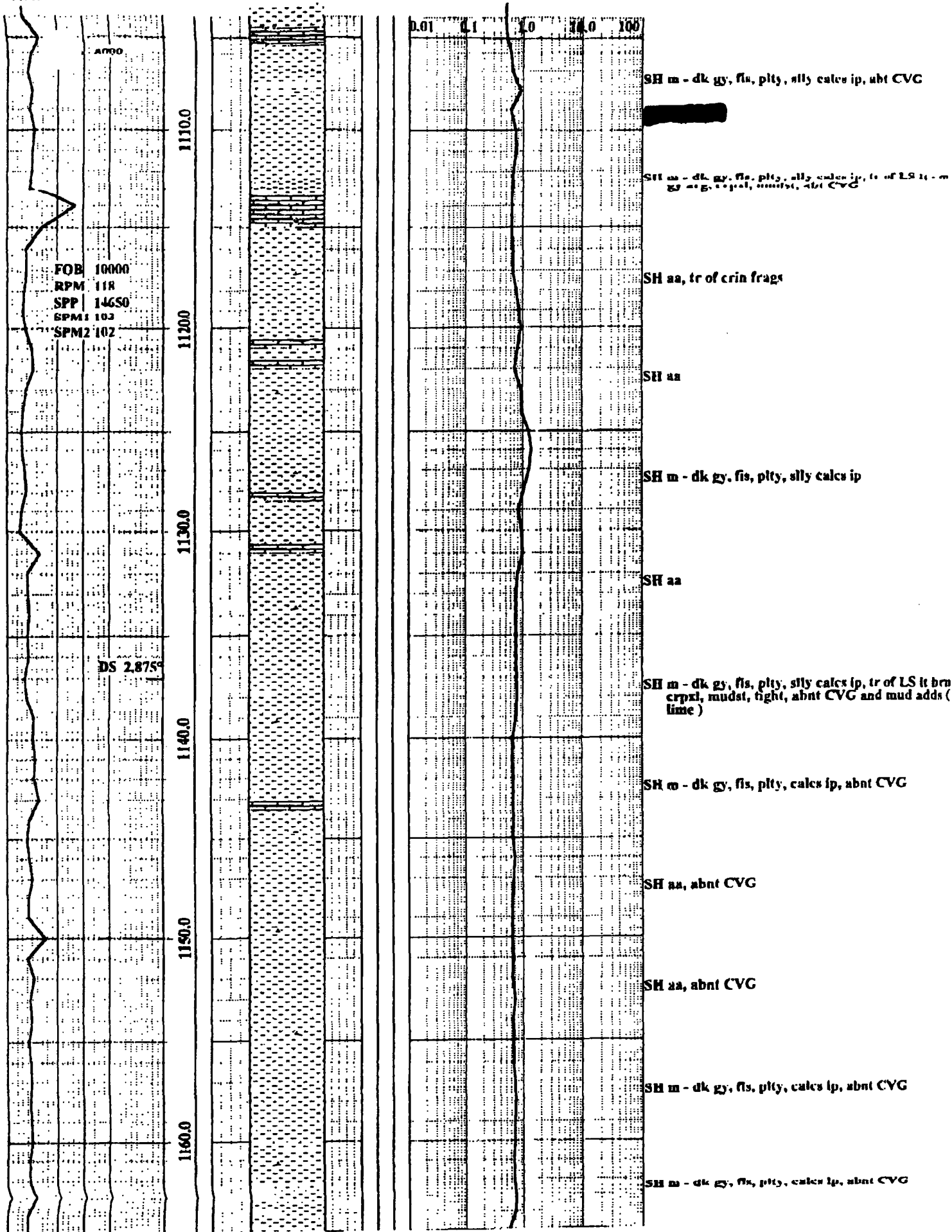
60 30' 123 00'

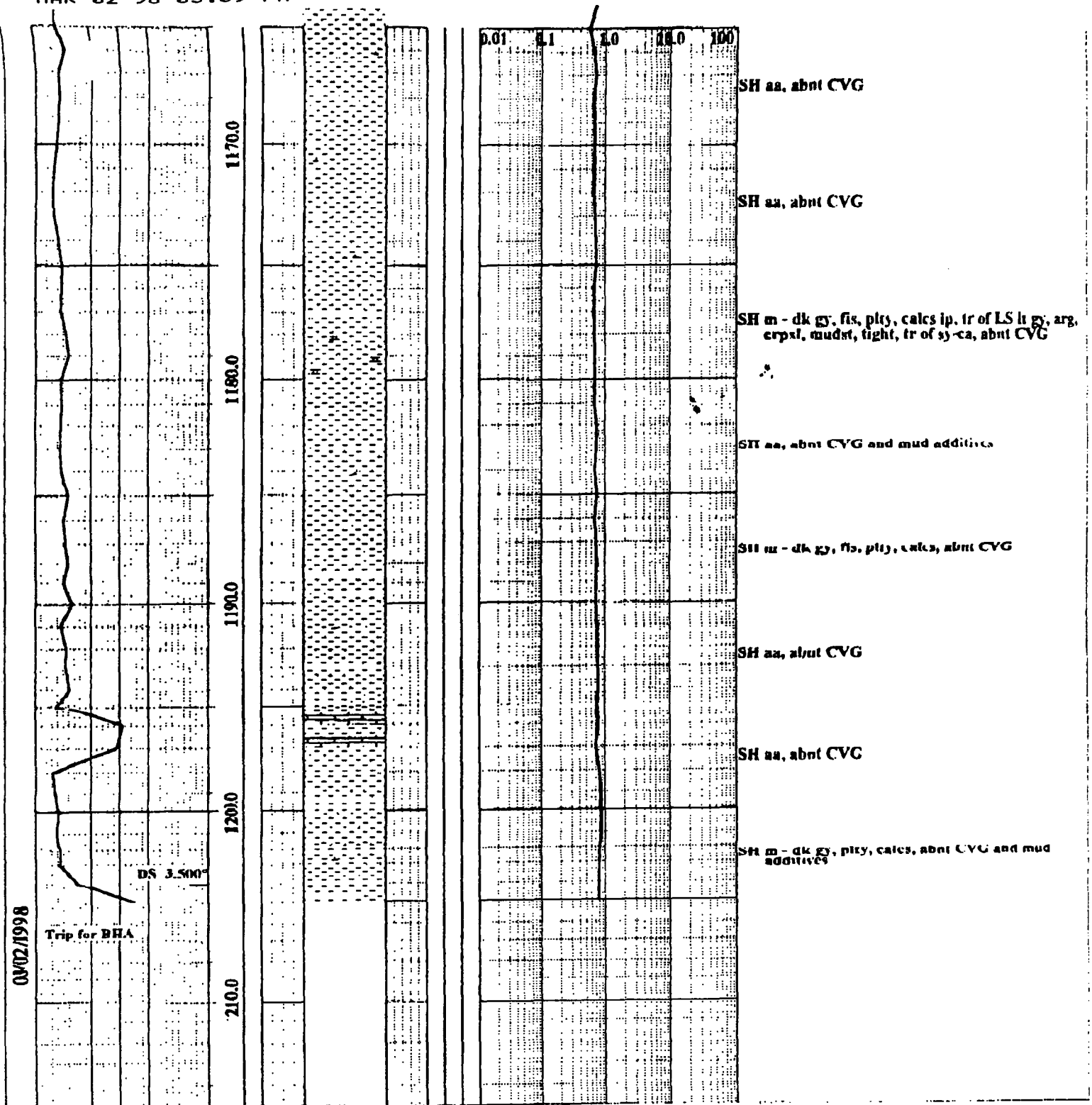
DATE	DRILLING RATE [min/m]	DEPTH	POROSITY TYPE	POROSITY	INTERPRETED LITHOLOGY	GRAIN SIZE	OIL SHOWS SORTING	ROUNDING	Hydrocarbon Gas % TGP TG C1 C2 C3 C4 C5	GEOLOGICAL COMMENTS
02/26/1998	DS 0.125° TD Min DS 1.000°	860.0							0.01 0.1 1.0 10.0 100	SH lt gy, m gy, calcs, plty LS lt - m brn, crpxl mudst, occ fos frags, m'brn, dk brn, m - dk gy brn arg, crpxl, mudst, tight
		870.0								DISPLACE HOLE WITH CUTTER 'D' AIR HAMMER MALFUNCTION, DISPLACE TO CUTTER 'D' CVG sh and mud additives (lime)
	FOB 10000 RPM 85 SPP 11250 SPM1 87 SPM2 89	880.0								CVG tr of SH and LS aa CVC sh, ls, lime SH dk gy, m gy, calcs, fis, plty LS m gy, lt - m gy brn, arg, crpxl, mudst, tight
		890.0								CVG aa SH aa LS aa, tr of crin frags
		900.0								CVG aa SH m gy, dk gy, v calcs, fis, plty, tr of LS aa
		910.0								CVG aa SH m gy, m - dk gy, calcs, plty, tr of LS lt - m gy, crpxl, mudst, tight LS lt gy, lt gy brn, arg, mnf mot, crpxl, mudst, tight
		920.0								SH aa CVG aa SH m - dk gy, dk gy brn, calcs, fis, plty CVG aa SH aa CVG aa SH m - dk gy, dk gy, calcs, fis, plty CVG aa











DAILY DRILLING REPORT

Circ. & Cond. Mud, Rig Service, R/H to 856m, Circ. & clean to BTM, Drill 311mm hole.

Next 24hrs. - Drill 311mm hole, Cond. Cutter D, Survey, Clean Flare Pitt.

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: February 27, 1998

UWI: 3000156030123000

Well Name: Para et al Arrowhead O-15

Location: 60° 30' 123° 00'

Hours Drilling: 2.0

Morning Depth: 872m @ 0600

Progress: 5.00m

Formation: Flett

Operational Status: Drilling

Operational Summary: Rig for invert drilling, Drill 311mm hole.

Remarks:

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 13

Para et al Arrowhead O-15
60° 30' 123° 00'

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

Well Name Paramount Berkley Arrowhead O-15						Date	98/02/26	Day	12
Depth	867	Progress	32	AFE	13577	Operation			
Elevations	Grd -	380.5	KB	6.22	Formation Flett - limestone				
Drilling Fluid Type		Cutter D	Volume		Fluid Vol.		Soap		
Wgt		Visc		W.L.		PH		FC	
Temp		PV	YP	800	300	Oil	Solids - %		
Tank Vol		10	Hole Vol	60	Total Vol	70	Gradient		Circ. Time

MUD ADDITIVES

Gel		Lime		SAPP		Soap		
Caustic		Vis-Plus		Lignite		Detergent		
Benex		Sawdust		Gypsum				
Soda ash		Kwikseal		Barite				
Mud cost - Daily		1033	Cum	7968	Water cost - Daily		1000	Cum 13400

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water		BIT	0.35
Desiller					Oil		BIT SUB	1.08
Centrifuge					Losses		2(228)DC	18.92
Shaker	Swaco	Mesh	84/140	84/84	Dumped		Ball Sub	0.51
							Shook Sub	3.64

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m	x/o	
1	311	FDS	LC8522	4x14.3	500	510	10	10(171)DC	93.32
2RR	311	H4252R3	KJ7805	5/8choke	510	867	357	X/O	0.36
3RR	311	HP43A	LB8263	2/14.3/12.7	867			Jars	5.03
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque	x/o	0.41
	8 75	1.10	8.75	3/3/1				6(171)DC	55.88
32	20.5	17.00	21					X/O	0.9
								TOTAL	238.00

PUMP DATA

6 HWDP 55.17

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM

SURVEYS

576m	1"	690m	1/8"	804m	1/4"				

TIME BREAKDOWN

Drilling	3	NU BOP's		Rig up		Log		woc	
Tripping	4	P. test		Run Csg		Core		WOwelder	
Reaming		Slip & cut	0.75	Circulate	4	DST		BOPdrill	
Survey		CTB		Cement		Lost. Circ		Hdl Tools	12.25
Rig Serv.		Repair		safety/M		D.O.F&S		TOTAL	24

REMARKS

Drill 311mm hole with Air, Blow hole dry, POOH & Displace hole to Cutter D , Handle tools,
Slip & Cut line, circ.

Next 24hrs.- Install Ketex Vacuum System, Centrifuge ,adj. lease for equipment.

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: February 26, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 30' 123° 00'
Morning Depth: 867m @ 0600
Formation: Flett

UWI: 3000156030123000

Hours Drilling: 4.50
Progress: 61.00m

Operational Status: Rig for invert

Operational Summary: Drill to 867m, Air hammer died, Displace to invert and hoist,
Rig for conventional drilling

Remarks: #@\$%&#

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 12

Para et al Arrowhead O-15
60° 30' 123° 00'

USER DEFINED LOG
Interval : 775.00 to 875.00 m

Para et al Arrowhead O-15
60 30' 123 00'

DATE	DRILLING RATE [min/m]	DEPTH	FORMATION	DST & WLT POROSITY TYPE	POROSITY	INTERPRETED LITHOLOGY	GRAIN SIZE	OIL SHOWS	SORTING	ROUNDING	GEOLOGICAL COMMENTS
		780.0									SH aa LS aa, m gy arg, crpxl, mudst, tr of vgt CHT
		790.0									SH m gy, calcs, plty LS m gy, dk gy, dk gy brn, arg, m - dk brn mot, crpxl, mudst, tight, tr of crie frags, tr of CHT
		800.0									LS aa, com vgt CHT SH aa
		810.0									LS aa, mot lt, m, dk brn, crpxl - micxl, mudst, com CHT SH aa
		820.0									LS aa SH m gy, m - dk gy, calcs, plty
		830.0									SH m gy calcs, plty LS lt - m gy brn, lt - m brn, crpxl, mudst, v arg ip, tight
											SH aa LS aa, mnr CHT m brn, dk brn, lt gy wh
											SH m - dk gy, calcs, plty LS m - dk gy, v arg, m - dk gy brn, arg, crpxl - micxl, mudst, tight, occ fos frags
											SH aa LS m - dk gy, m - dk gy brn, arg, crpxl - micxl, mudst, tight
											SH aa LS aa, tr of sy-ca
											SH aa LS aa, lt - m gy brn, silly arg, crpxl - micxl, mudst, mot ip, com fos frags
											SH aa LS m gy, dk gy, crpxl, arg, lt - m brn, crpxl - micxl, mot ip, mudst, tight

02/26/1998

TD Mist

840.0

850.0

860.0

870.0

SH aa
LS aa, com crin and bry frags

SH m gy, dk gy, lt gy calcs, plty, tr of diss pyr
LS m gy brn arg, lt gy brn silty arg, predly crpxl mudst, tight

SH aa
LS aa

SH an
LS lt - m gy, lt - m gy brn, m gy arg, predly crpxl mudst, tight

SH aa, tr of vgt CHT
LS aa

SH lt gy, m gy, calcs, plty
LS lt - m brn, crpxl mudst, occ fos frags, m brn, dk brn, m - dk gy brn arg, crpxl, mudst, tight

AIR HAMMER MALFUNCTION, DISPLACE TO CUTTER 'D'

PARAMOUNT RESOURCES LTD.**DAILY DRILLING REPORT**

Well Name Paramount Berkley Arrowhead O-15					Date	98/02/25	Day	11
Depth	835	Progress	315	AFE	13577	Operation Dr'l'g. 311mm Hole with Foam		
Elevations	Grd -	380.5	KB	6.22	Formation	Flett - limestone		
Drilling Fluid Type		visc	Volume	W.L.	Fluid Vol.	PH	Soap	FC
Temp		PV	YP	600	300	Oil	Solids - %	
Tank Vol		Hole Vol	40	Total Vol		Gradient		Circ. Time

MUD ADDITIVES

Gel		Lime		SAPP		Soap		
Caustic		Vis-Plus		Lignite		Detergent		
Benex		Sawdust		Gypsum				
Soda ash		Kwikseal		Barite				
Mud cost - Daily	1033	Cum		7968	Water cost - Daily	600	Cum	12400

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water		Bit	0.33
Desilter					Oil		Hammer	2.22
Centrifuge					Losses		Bit sub	1.06
Shaker	Swaco	Mesh	84/140	84/84	Dumped		2(228)DC	18.92

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m	Drilling Assembly	
1	311	FDS	LC8522	4x14.3	500	510	10	Reamer	2.13
4RR	311	H4252R3	KJ7805	5/8choke	510		325	Bit sub	0.51
								Jars	5.03
								W/O	0.45
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque	4(171)DC	37.21
	8.75	1.10	8.75	3/3/I				W/O	0.9
325	20.5	15.80	20.5		1-Jan	27		6(HWDP)	55.17
								TOTAL	124.44

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM

SURVEYS

576m	1"	690m	1/8"	804m	1/4"				
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TIME BREAKDOWN

Drilling	18	NU BOP's		Rig up		Log		WOC	
Tripping		P. test		Run Csg		Core		WOwelder	
Reaming		Slip & cut		Circulate	3.5	DST		BOPdrill	
Survey	2	CTB		Cement		Lost. Circ		Hdl Tools	
Rig Serv.	0.5	Repair		safety/M		D.O.F&S		TOTAL	24

REMARKS

Drill 311mm hole with air water entering wellbore @ 543m ,dry hole with air ,mst drill 311mm hole, survey, Rig service.

Next 24hrs.-when shale contacted displace hole to cutter D & Drill Ahead

Weather	cloudy	Temp.-16	Spud	92/02/14	Daily Cost	\$75,752	Cum Cost	\$1,376,733
Rig Mgr.	Paul Wagner		Phone	774-0472	Drig Spvr.	Dave Garstad	Phone	210-1894

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

PAGE TWO

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WELL	head O15	Field	A/E	Funds	Percent	Date	Feb 6/98	Feb 7/98	Feb 8/98	Feb 9/98	Feb 10/98	Feb 11/98
Code	Option	Estimate	Cost	Remaining	Remaining	Day #						
100	Logistics											
101	Surveying	20000	20000	0	0%		20000					
102	Legal and Licence	18000	18000	0	0%		18000					
103	Access Preparation	39000	25000	-14000	-56%		39000					
104	Wellsite Preparation	110899	55000	-55899	-102%		100000					
106	Conductor, Rathole	14000	14000	0	0%		14000					
108	Wellsite Restoration	1800	35000	33400	95%							
109	Access Restoration	0		0	#DIV/0!							
116	Maintenance	0	10000	10000	100%							
117	Towing	0		0	#DIV/0!							
119	Supervision	10000	25000	15000	60%		10000					
	Total	213489	202000	-11499	-6%							
200	Drilling Costs											
201	Move in - Rig up	166775	270000	-103225	-38%				163775			
203	Drilling Rig Daywork	172620	610000	-637380	-79%		7200	7200	7200	7200	7200	7200
205	Boiler	21600	69000	-47400	-69%		720	720	720	1440	1440	1440
208	Tear out - Rig out	0	250000	-250000	-100%							
210	Camp and Catering	45600	255000	-209400	-82%		2400	2400	2400	2400	2400	2400
211	Crew Subsistence	3135	30000	-26865	-90%		185	185	185	185	185	185
212	Aviation Support	3500	84000	-80500	-95%							
214	Fuel	45403	300000	-254597	-85%				6384	12279		
216	Communications	2475	30000	-27525	-92%						185	185
218	Water	15420	44000	-28580	-65%		460	1300	1200	860	600	600
219	Vacuum Truck	0	10000	-10000	-100%							
220	Drilling Fluids	8501	208000	-199499	-98%							
222	Air Drilling	136997	250000	-113003	-45%							
223	Underbalanced Drilling	0	66000	-66000	-100%							
224	Technical Support	3800	25000	-21200	-85%		200	200	200	200	200	200
225	Drilling Supervision	14080	80000	-65920	-82%		1380	1040	955	675	670	670
228	Directional Drilling & Surveys	0		0	#DIV/0!							
230	Medical & Safety Services	9975	60000	-50025	-83%		525	525	525	525	525	525
232	Fishing	0		0	#DIV/0!							
234	Contract Services	92821	120000	-27179	-23%		5754	3612	1532	1532	1532	1532
236	Transportation	53132	210000	-156868	-75%							
240	Equipment Rentals	52775	280000	-227225	-81%		1805	1805	1805	1805	2000	2100
242	Drilling Bits	91090	270000	-178910	-88%							
244	Abandonment & Plugback	0		0	#DIV/0!							
246	Lost Equipment	0	5000	-5000	-100%							
250	Miscellaneous Materials	2887		2997	#DIV/0!							2172
252	Surface Casing	62500	64000	-1500	-2%							
253	Surface Casing Accessories	0	3000	-3000	-100%							
254	Cement Surface Casing	106344	35000	71344	204%							
256	Surface Casing Services	0	8000	-8000	-100%							
256	Intermediate Casing	0	181000	-181000	-100%							
257	Intermediate Casing Access.	0	5000	-5000	-100%							
258	Cement Intermediate Casing	0	65000	-65000	-100%							
259	Intermediate Casing Services	0	8000	-8000	-100%							
262	Wireline - Slickline	0	5000	-5000	-100%							
	Total	1111340	4080000	-2968660	-73%							
300	Evaluations											
301	Coring	0		0	#DIV/0!							
302	Logging	18805	105000	-86195	-84%							
303	Formation Testing	0		0	#DIV/0!							
304	Geological Supervision	17800	70000	-52200	-75%						1500	900
305	Analyses	0	20000	-20000	-100%							
310	Production/AOF Testing	0		0	#DIV/0!							
	Total	34805	195000	-160195	-82%							
400	Production Casing											
401	Casing Accessories	0	20000	-20000	-100%							
402	Production Casing	0	56000	-56000	-100%							
403	Cement Production Casing	0	28000	-28000	-100%							
404	Production Casing Services	0	5000	-5000	-100%							
	Total	0	109000	-109000	-100%							
800	Well Equipment											
801	Drilling Wellhead Parts	0	10000	-10000	-100%							
802	Completion Wellhead Parts	0	35000	-35000	-100%							
803	Tubing	0		0	#DIV/0!							
805	Tubing Accessories	0		0	#DIV/0!							
	Total	0	45000	-45000	-100%							
	Cum Total	1358444	4631000	-3294554	-71%							
						Subtotal	221589	18967	186861	29081	18367	20069
						Cum.	221589	240556	427417	456498	474865	484964

WELL	head O15	Feb 12/98	Feb 13/98	Feb 14/98	Feb 15/98	Feb 16/98	Feb 17/98	Feb 18/98	Feb 19/98	Feb 20/98	Feb 21/98	Feb 22/98
Code	ption	1	2	3	4	5	6	7	8	9		
100	Logistics											
101	Surveying											
102	Legal and License											
103	Access Preparation											
104	Wellsite Preparation				8379							
106	Conductor, Rethole											
108	Wellsite Restoration						1800					
109	Access Restoration											
118	Maintenance											
117	Towing											
119	Supervision											
	Total											
200	Drilling Costs											
201	Move in - Rig up						3000					
203	Drilling Rig Daywork	7200	7200	7500	10752	10752	10752	10752	10752	10752	10752	10752
205	Boiler	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080
208	Tear out - Rig out											
210	Camp and Catering	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
211	Crew Subsistence	185	185	185	185	185	185	185	185	185	185	185
212	Aviation Support	3500										
214	Fuel		12257				8837		5848			
216	Communications	185	185	185	185	185	185	185	185	185	185	185
218	Water	1200	600	1000	800	1000	800	1000	600	1000	800	600
219	Vacuum Truck											
220	Drilling Fluids				1388	3504	1583	1033	1033			
222	Air Drilling	30802	10797	10278	18056	7945	16201					
223	Underbalanced Drilling											
224	Technical Support	200	200	200	200	200	200	200	200	200	200	200
225	Drilling Supervision	870	870	870	870	870	870	870	870	870	870	870
228	Directional Drilling & Surveys											
230	Medical & Safety Services	525	525	525	525	525	525	525	525	525	525	525
232	Fishing											
234	Contract Services	1532	3050	3050	13050	12768	3300		5053	3384		
238	Transportation	21258	3675		15250	2072			5805			
240	Equipment Rentals	3275	5160	2710	2710	3730	2995	3325	3325	3325	2725	2725
242	Drilling Bits			58090			28500					
244	Abandonment & Plugback											
246	Lost Equipment											
250	Miscellaneous Materials		825									
252	Surface Casing								62500			
253	Surface Casing Accessories								17280			
254	Cement Surface Casing								106344			
255	Surface Casing Services											
256	Intermediate Casing											
257	Intermediate Casing Access.											
258	Cement Intermediate Casing											
259	Intermediate Casing Services											
262	Wireline Slickline											
	Total											
300	Evaluations											
301	Coring											
302	Logging								18805			
303	Formation Testing											
304	Geological Supervision	700	700	700	700	700	700	700				
305	Analyses											
310	Production/AOF Testing											
	Total											
400	Production Casing											
401	Casing Accessories											
402	Production Casing											
403	Cement Production Casing											
404	Production Casing Services											
	Total											
800	Well Equipment											
801	Drilling Wellhead Parts											
802	Completion Wellhead Parts											
803	Tubing											
805	Tubing Accessories											
	Total	14872	49489	88533	78979	47676	79653	26615	43366	217273	22888	19282
	Cum Total	568536	619105	707838	783708	831384	911037	937652	881018	1198291	1220857	1240239

WELL	Head O15	Feb23/98	Feb 24/98	Feb 25/98	Feb 26/98	Feb 27/98
Code	Description	10	11	12	13	14
100	Logistics					
101	Surveying					
102	Legal and Licence					
103	Access Preparation					
104	Wellsite Preparation		2520			
106	Conductor, Rathole					
108	Wellsite Restoration					
109	Access Restoration					
116	Maintenance					
117	Towing					
119	Supervision					
	Total					
200	Drilling Costs					
201	Move in Rig up					
203	Drilling Rig Daywork	10752	10752			
206	Boiler	1080	2160			
208	Tear out - Rig out					
210	Camp and Catering	2400	2400			
211	Crow Substance	185	185			
212	Aviation Support					
214	Fuel					
216	Communications	185	185			
218	Water	1000	600			
219	Vacuum Truck					
220	Drilling Fluids					
222	Air Drilling	28233	13685			
223	Underbalanced Drilling					
224	Technical Support	200	200			
225	Drilling Supervision	670	670			
228	Directional Drilling & Surveys					
230	Medical & Safety Services	525	525			
232	Fishing					
234	Contract Services	8755	25185			
236	Transportation	5072				
240	Equipment Rentals	2725	2725			
242	Drilling Bits		3500			
244	Abandonment & Plugback					
246	Lost Equipment					
250	Miscellaneous Materials					
252	Surface Casing					
253	Surface Casing Accessories					
254	Cement Surface Casing					
256	Surface Casing Services					
258	Intermediate Casing					
257	Intermediate Casing Access.					
258	Cement Intermediate Casing					
259	Intermediate Casing Services					
262	Wireline - Slickline					
	Total					
300	Evaluations					
301	Coring					
302	Logging					
303	Formation Testing					
304	Geological Supervision		10800			
306	Analyses					
310	Production/AOF Testing					
	Total					
400	Production Casing					
401	Casing Accessories					
402	Production Casing					
403	Cement Production Casing					
404	Production Casing Services					
	Total					
800	Well Equipment					
801	Drilling Wellhead Parts					
802	Completion Wellhead Parts					
803	Tubing					
805	Tubing Accessories					
	Total	60742	75752	0	0	0
	Cum Total	1300881	1376733	1376733	1376733	1376733

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: February 25, 1998
Well Name: Para et al Arrowhead O-15
Location: 60° 03' 123° 00'
Morning Depth: 806m @ 0600
Formation: Flett

UWI: 3000156030123000

Hours Drilling: 20.00
Progress: 296.00m

Operational Status: Drilling

Operational Summary: Dry hole, Drill to 543m, WTS, Switch to mist, Drill and survey as required

Remarks: Estimate initial water from dolomite (540 - 550m) @ 0.8 m³ / hr. Good porosity. Dead oil stain. We seem to have picked up more water in the lower Flett but I can't pinpoint the source. Plan is to drill to base of Pckisko then pull air hammer.

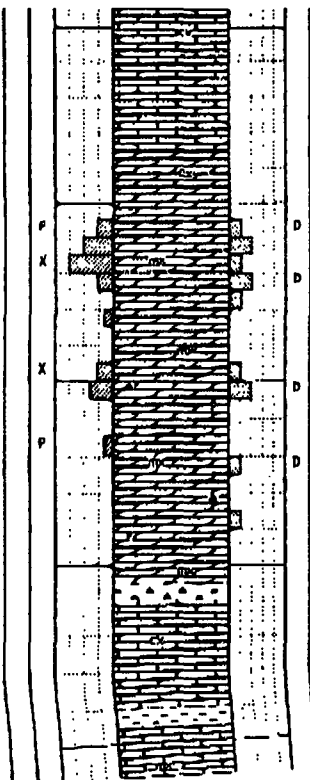
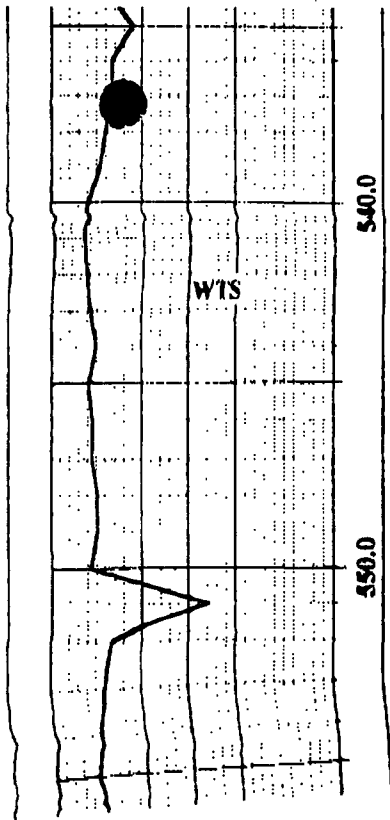
KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 11

Para et al Arrowhead O-15
60° 30' 123° 00'

Interval : 495,00 to 810,00 m

60 30' 123 00'

DATE	DRILLING RATE [min/m]	DEPTH	FORMATION	DST & WLT POROSITY TYPE	POROSITY	INTERPRETED LITHOLOGY	GRAIN SIZE	OIL SHOWS SORTING ROUNDING	GEOLOGICAL COMMENTS
02/22/1998	TD Surface	500.0							LS lt brn wh mot m - dk, m gy lp, crpxl, mudst, no stn, no flor, no por
02/23/1998	Trip for BHA	510.0							SH aa SURFACE CASING (500m) LS lt - m brn mot, crpxl, mudst, tight, tr of SH dk gy - blk, fis, plty
02/24/1998		520.0							LS lt brn wh mot m - dk, predly crpxl mudst, mnr micxl mudst - wackst, no vis stn, v spotty weak blooming wet cut flor, no vis por
		530.0							CHT lt gy, lt brn, m brn 311mm AIR HAMMER LS mot lt - m brn, crpxl - micxl, mudst, tight DOL lt - m gy brn, calcs, crpxl - micxl, mudst - wackst, clean, tight SH m - dk gy brn, calcs, fis, blk - plty LS m brn, dk gy brn, arg, crpxl, mudst, tight LS m gy, dk gy brn, arg, crpxl, mudst, tight LS aa, mot lt - m brn, crpxl, mudst, clean, tight, tr of vgt CHT LS aa



LS aa

DOL lt gy, crpxl - micxl, predly mudst, sly arg, tight, mnr DOL m brn, micxl - fly xln, mudst, wackst - suc packst, spotty dead oil stn, patchy intgran por 6-20%, wet.

SWITCH TO MIST

DOL m brn, lt - m brn, predly micxl, mudst - wackst, tight, DOL m brn, micxl, packst, spotty dead oil stn, no flor, tr of p-p and intaln por 10-12%, CHT vgt

DOL dk gy brn, m brn, predly micxl - fly xln, crpxl ip, mudst - wackst, mnr packst, no stn, no flor, no vis por, mnr sy-dol veining, tr of aodr pyr, mnr CHT aa

DOL aa

LS mot lt gy brn, mot m - dk brn, predly crpxl, mnr micxl, mudst, tight, arg ip, tr of SH dk gy - blk, calcs, fls, plty

740.0
750.0
760.0
770.0
780.0
790.0
800.0
810.0

fos frags

SH lt - m gy calcs
LS lt - m brn, m - dk brn, predly crpxl mudst, tight

SH aa
LS aa, occ crin frags

SH m gy, calcs
LS mot lt - m brn, m - dk brn, m - dk gy brn, crpxl - micxl, mudst, tight, occ
fos frags

SH aa
LS aa, com fos frags

SH m gy, m - dk gy, calcs, plty
LS mot lt - m brn, lt - m gy brn arg, predly crpxl, mudst, tight, com fos crin
and bry frags

SH m - dk gy, calcs, blk - plty
LS m gy, lt gy brn mot m, crpxl, mudst, tight, tr of vgt CHT

SH aa
LS aa, occ crin frags

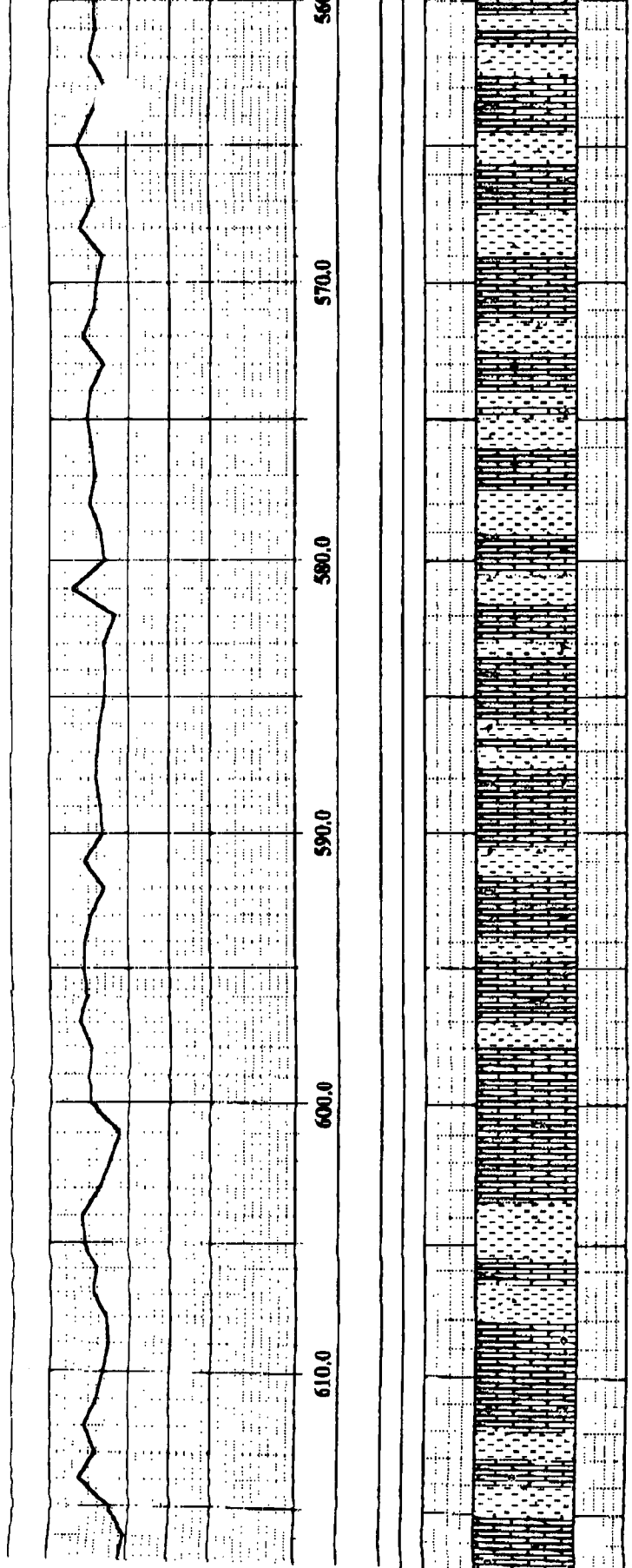
SH aa
LS aa, m gy arg, crpxl, mudst, tr of vgt CHT

SH m gy, calcs, plty
LS m gy, dk gy, dk gy brn, arg, m - dk brn mot, crpxl, mudst, tight, tr of crin
frags, tr of CHT

LS aa, com vgt CHT
SH aa

LS aa, mot lt, m, dk brn, crpxl - micxl, mudst, com CHT
SH aa

LS aa
SH m gy, m - dk gy, calcs, plty



SH aa

LS m gy, dk gy brn, crpxl, mudst, arg, tight

SH m gy, m - dk gy, v calcs, fis, blkly

LS m gy, m gy brn, mot lp, crpxl, mudst, tr micxl mudst, tight

SH aa

LS aa, mot lt - m brn, micxl - crpxl, mudst - wackst, tight

SH m - dk gy, calcs, fis, blkly - plty

LS lt, m, dk gy, dk gy brn, arg ip, predly crpxl, mudst, tight

SH aa

LS lt gy, gy brn, mot ip, crpxl - micxl, mudst, silly arg, tight

SH m - dk gy, calcs, fis, blkly, com dism pyr

LS mot lt - m brn, m gy arg, crpxl - micxl, mudst, tight

SH aa

LS aa

SH aa

LS lt - m gy, lt - m gy brn, crpxl - micxl, predly mudst, silly arg, silly dolc, tight

SH m gy, calcs, fis, plty - blkly

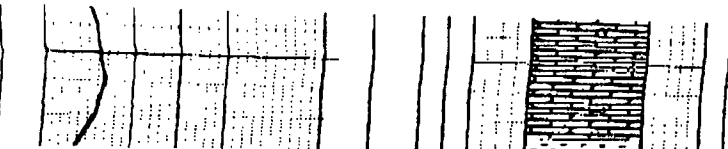
LS mot lt - m brn, m gy brn, arg, predly crpxl, mudst, tight

SH m gy brn, lt - m brn, m gy arg, crpxl, mudst, tight

LS m gy brn, lt - m brn, m gy arg, crpxl, mudst, tight

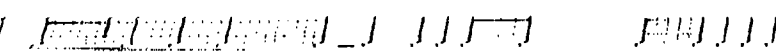
SH m gy, calcs, fis, plty

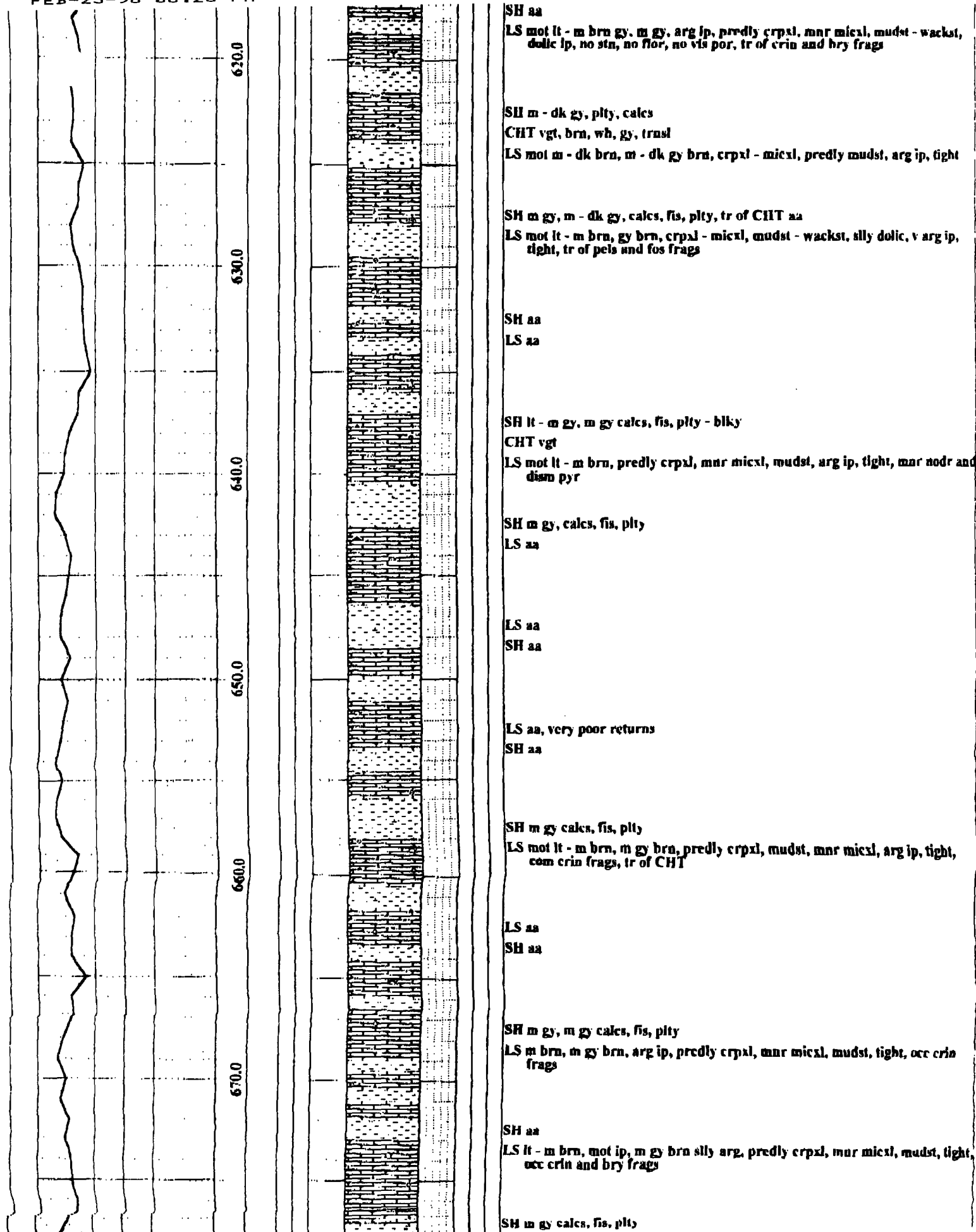
LS lt - m brn, m - dk gy brn, predly mot, crpxl, mudst, arg ip, tight, occ crin frags



LS lt - m brn, mot ip, m gy brn silly arg, predly crpxl, mnr micxl, mudst, tight, occ crin and bry frags

SH m gy calcs, fis, plty





02/25/1998

680.0

690.0

700.0

710.0

720.0

730.0

LS lt - m brn, lt - m gy, mot crpxl - micxl, mudst, arg ip, tight, tr of erin frags

SH aa
LS aa, tr of vgt CHT

SH aa
LS lt - m brn, lt - m gy brn, mot ip, arg ip, predly crpxl, mnr micxl, mudst, tight, com fos frags

SH aa
LS aa

SH m gy, m gy calcs, fis, plty, com cvg
LS lt - m gy brn, lt - m brn, mot ip, dk gy brn arg, crpxl - micxl, mudst, occ cin frags, tight

SH aa
LS aa, com vgt CHT

SH aa
LS aa

SH m gy calcs
CHT vgt
LS lt - m brn, dk brn, mot ip, crpxl, mudst, mnr micxl, arg ip, tight, occ fos frags, tr of sy-ca

SH m gy, dk gy, calcs
LS mot m brn, lt brn, m gy, crpxl - micxl, mudst, arg ip, occ fos frags, tr of sy-ca, tight

SH aa
LS aa

SH m gy, calcs, blkly - plty
LS m gy ally arg, m brn mot lt ip, predly crpxl mudst, tight, occ bry frags

LS aa
SH m gy calcs, plty - blkly

SH m gy, m - dk gy, calcs, pur
LS m brn, m - dk brn, m gy brn arg, predly crpxl, mudst, tight, com

Trip, Handle Tools, Rig Service, Make up BTM HOLE ASS. & RIH, Held Safety Meeting with AIR Drillers Wait on Welder, Blow Hole Dry with Air, Held BOP Drill, Drill 311mm Hole Next 24 hrs.- Air Drill 311mm Hole, Survey, Rig Service

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: February 24, 1998

UWI: 3000156030123000

Well Name: Para et al Arrowhead O-15

Location: 60° 03' 123° 00'

Hours Drilling: 0.00

Morning Depth: 510m @ 0600

Progress: 0.00m

Formation: Flett

Operational Status: Drying hole

Operational Summary: Trip for air hammer, Rig to air drill, Unload and dry hole

Remarks: Will be drilling this morning.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 10

Para et al Arrowhead O-15
60° 30' 123° 00'

PARAMOUNT RESOURCES LTD.
DAILY DRILLING REPORT

Well Name Paramount Berkley Arrowhead O-15					Date	98/02/23	Day	9
Depth	510	Progress	10	AFE	13577	Operation P.O.O.H. for Bit#1		
Elevations	Grd -	380.5	KB	6.22	Formation	Flett - limestone		
Drilling Fluid Type			Volume		Fluid Vol.		Soap	
Wgt		Visc		W.L.		PH	FC	
Temp		PV	YP	600	300	Oil	Solids - %	
Tank Vol		Hole Vol	40	Total Vol		Gradient		Circ. Time

MUD ADDITIVES

Gel		Lime		SAPP		Soap			
Caustic		Vis-Plus		Lignite		Detergent			
Benex		Sawdust		Gypsum					
Soda ash		Kwikseal		Barite					
Mud cost - Daily		1033	Cum	7968	Water cost - Daily		800	Cum	10800

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes	Drilling Assembly	
Desander					Water	BR	0.35
Desilter					Oil	BR sub	1.06
Centrifuge					Losses	2(228)DC	18.92
Shaker	Swaco	Mesh	84/140	84/84	Dumped	Ball sub	0.55
BIT DATA						4(171)DC	37.21

BIT DATA

[illegible]

PUMP DATA

[illegible]

SURVEYS

[illegible]

TIME BREAKDOWN

Drilling	8.75	NU BOP's		Rig up		Log		woc	
Tripping	1	P. test	4.25	Run Csg		Core		Cut csg	
Reaming		Slip & cut		Circulate	0.75	DST		BOPdrill	0.25
Survey		CTB		Cement		Lost. Circ		Hdl Tools	2.75
Rig Serv.	0.5	Repair	0.5	WOC		D.O.F&S	5.25	TOTAL	24

REMARKS

Press. Test, Rig service, Thaw Kelly Hose, Conduct BOP Drill, Drill out cement, float, & shoe, Drill 10m, Conduct Leak-off test to gradient of 22, formation did not break down. POOH.

Next 24hrs.- POOH Rig in Williams Head , Rig In AIR Drillers, Dry hole, Air Drill.



PRESSURE TESTERS LTD.

Box 6820, Fort St. John, B.C. V1J 4J3 Telephone (604) 785-4640

FORMATION PRESSURE TEST

Oil Company PARAMOUNT RESOURCES LTD

Date 98/02/23

Location ARROWHEAD 51°E-60°30' 122° 00'

Contractor PRECISION 622E

Piston Size 25.1 mm

Stroke Length 75.3 mm

Depth of Casing 500

Depth Drilled Out 560

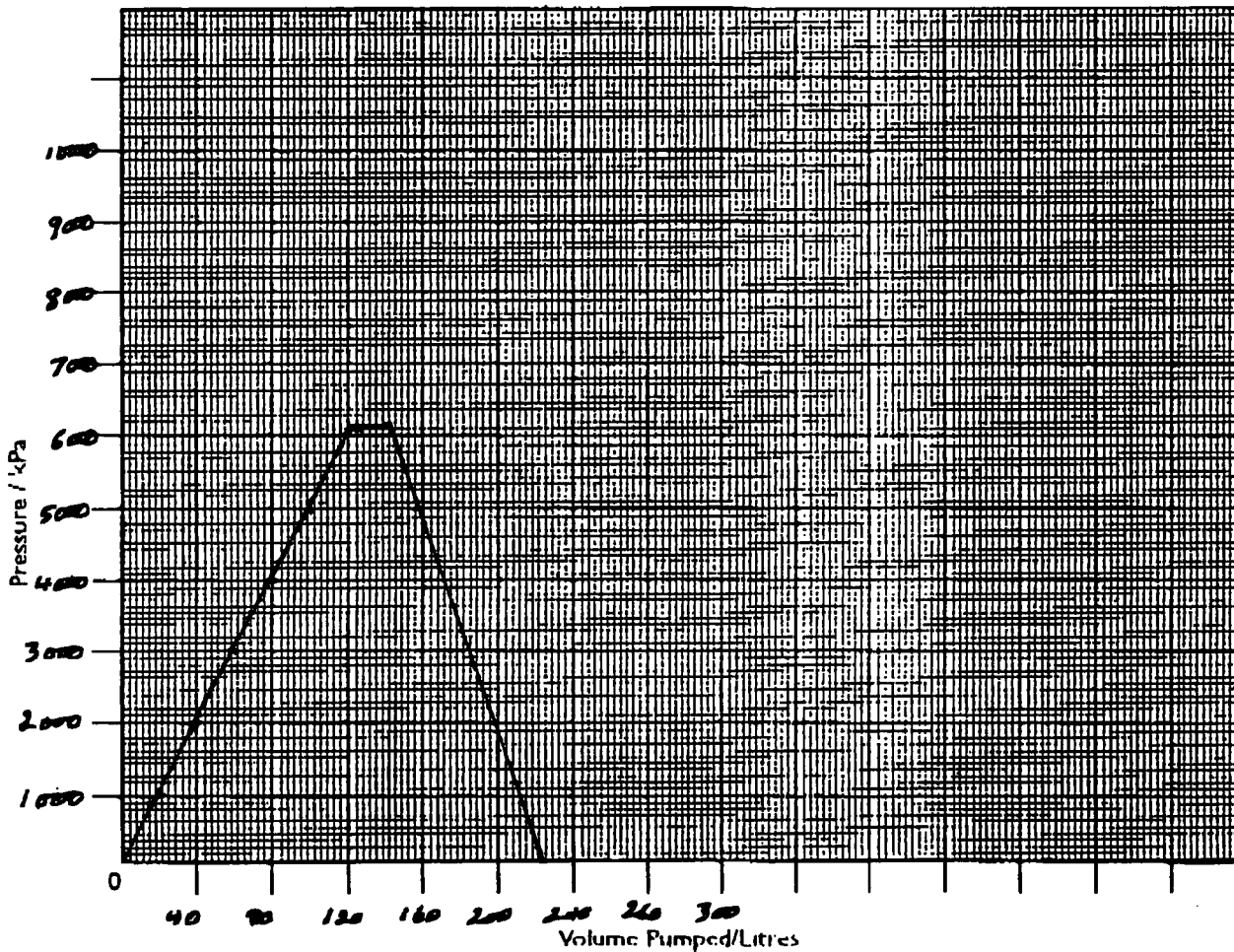
Gradient of Fluid in Hole 1000

Hydrostatic Pressure 4905

Leak-Off Pressure 6100

Total Pressure at Shoe 11005

Formation Gradient 22.01



NU BOP's and flare lines. Pressure tested manifold and blind rams to 14000 kPa and 1400 kPa holding 10 min on each pressure. All OK									
Picked up bit and RIH.									
Pressure testing the rest of the stack as of this AM.									
Next 24 hrs - Pressure test, drill out shoe, leak off test, drill									
Weather	cloudy	Temp	-18	Spud	92/02/14	Daily Cost	\$22,686	Cum Cost	\$1,220,957
Rig Mgr	Paul Wagner			Phone	774-0472	Drlg Spvr.	Stew Ward	Phone	210-1804

PARAMOUNT RESOURCES LTD.**SAMPLE DESCRIPTIONS****Well Name:****PARA ET AL ARROWHEAD O-15****Location:****60 30' 123 00'****10.00 to 20.00m
Interval: 10.00m****NA: 0%, Conductor pipe, no samples****20.00 to 25.00m
Interval: 5.00m****NS: 0%, Air hammer, soap with mist, hole slugging, no retrievable returns****25.00 to 55.00m
Interval: 30.00m****TILL: 100%, Clay / soap sludge, sandy in part, occasional boulders****55.00 to 65.00m
Interval: 10.00m****TILL: 100%, Clay / soap sludge, sandy in part, minor pebbles****65.00 to 140.00m
Interval: 75.00m****TILL: 100%, Clay / soap sludge, sandy in part****140.00 to 145.00m
Interval: 5.00m****TILL: 100%, as above, 8-10 second gas flare ahead of air after survey at 143m and on all subsequent underbalanced surveys. Probable coal stringer.****145.00 to 190.00m
Interval: 45.00m****TILL: 100%, Clay / soap sludge, sandy in part****190.00 to 195.00m
Interval: 5.00m****SHALE: 100%, medium gray, fissile, predominantly blocky, silty in part, trace sandy****196.00m****FORT ST. JOHN****195.00 to 210.00m
Interval: 15.00m****SHALE: 100%, medium gray, fissile, blocky, silty, trace of sandy laminac, trace glauconitic****210.00 to 230.00m
Interval: 20.00m****SHALE: 100%, medium gray, medium to dark gray, fissile, predominantly blocky, silty in part, trace micromicaceous, trace of sandy laminac, trace of LIMESTONE: cavings****230.00 to 235.00m
Interval: 5.00m****SHALE: 100%, as above, trace of SANDSTONE: light gray, salt and pepper, very fine to fine grained, subangular to subround, medium sorted, glauconitic, argillaceous, no visible porosity****235.00 to 260.00m
Interval: 25.00m****SHALE: 100%, medium gray, medium gray silty, fissile, predominantly blocky, micromicaceous in part, trace of sandy lenses****260.00 to 270.00m
Interval: 10.00m****NS: 0%, No sample****276.00m****SCATTER****270.00 to 280.00m
Interval: 10.00m****SHALE: 100%, as above, very poor returns****280.00 to 285.00m
Interval: 5.00m****SHALE: 40%, as above****SANDSTONE: 20%, light to medium gray, salt and pepper, predominantly very fine grained, subangular to subround, argillaceous, speckled glauconitic, no stain, no fluorescence, no visible porosity****CAVINGS: 40%, Clay and common quartzite, feldspar, igneous pebbles, angular to rounded**

PARAMOUNT RESOURCES LTD.

285.00 to 290.00m
Interval: 5.00m

SHALE: 60%, as above

SANDSTONE: 10%, as above

CAVINGS: 30%, as above

290.00 to 295.00m
Interval: 5.00m

SHALE: 50%, as above

SANDSTONE: 30%, medium gray, medium brown, silty to very fine grained, subangular to subround, medium sorted, calcareous to dolomitic cement to matrix, argillaceous in part, no stain, no fluorescence, no visible porosity

SILTSTONE: 20%, medium gray, medium brown, dolomitic, tight, minor cavings

295.00 to 300.00m
Interval: 5.00m

SHALE: 40%, as above

SANDSTONE: 60%, light to medium gray, medium brown, salt and pepper, silty to very fine grained, subangular to subround, medium to well sorted, slightly argillaceous, predominantly firm, minor friable, calcareous cement to matrix, speckled glauconitic, no stain, no fluorescence, minor patchy intergranular porosity 2-3%

300.00 to 305.00m
Interval: 5.00m

SHALE: 50%, medium gray, fissile, blocky, silty to sandy in part

SANDSTONE: 50%, light to medium gray, medium brown, silty to very fine grained, predominantly subround, well sorted, argillaceous in part, slightly calcareous, speckled glauconitic, predominantly clay matrix and cement, no stain, no fluorescence, no visible porosity

305.00 to 310.00m
Interval: 5.00m

SHALE: 40%, as above

SANDSTONE: 60%, light gray, medium gray, medium brown, silty to very fine grained, predominantly subround, well sorted, speckled glauconitic, very calcareous in part, predominantly clay cement to matrix, no stain, very weak blooming wet cut fluorescence, very patchy intergranular porosity 2-3%

310.00 to 315.00m
Interval: 5.00m

SHALE: 60%, medium gray as above

SANDSTONE: 20%, as above

SILTSTONE: 20%, light gray, argillaceous, calcareous cement, tight

315.00 to 320.00m
Interval: 5.00m

SHALE: 40%, medium gray, medium gray silty, fissile, blocky, sandy in part

SANDSTONE: 60%, light to medium gray, gray brown, predominantly quartz, silty to very fine grained, subround, well sorted, speckled glauconitic, clay matrix, firm to friable, spotty light oil stain, faint dry fluorescence, slow streaming wet cut fluorescence, light amber cut, patchy intergranular porosity 2-3%

320.00 to 325.00m
Interval: 5.00m

SHALE: 40%, as above

PARAMOUNT RESOURCES LTD.

	SANDSTONE: 60%, light to medium gray, gray brown, predominantly quartzose, silty to very fine grained, subround, medium to well sorted, speckled glauconitic, clay matrix, firm to friable, patchy oil stain, faint dry fluorescence, strong streaming wet cut fluorescence, dark straw cut, patchy intergranular porosity 3-5%, petroliferous odor
325.00 to 330.00m Interval: 5.00m	SHALE: 60%, medium gray, medium gray brown, fissile, blocky, sandy in part SANDSTONE: 40%, as above, patchy intergranular porosity 2-3%
330.00 to 335.00m Interval: 5.00m	SHALE: 70%, as above SANDSTONE: 30%, as above, patchy stain, slow streaming wet cut fluorescence, no visible porosity
335.00 to 340.00m Interval: 5.00m	SHALE: 70%, medium gray, medium brown, fissile, blocky, silty to sandy in part, SANDSTONE: 20%, medium gray brown, predominantly quartzose, silty to very fine grained, subround, medium sorted; argillaceous, glauconitic in part, predominantly firm, clay cement, light patchy oil stain, slow blooming wet cut fluorescence, no visible porosity SILTSTONE: 10%, light to medium brown, argillaceous, sandy in part, tight
340.00 to 350.00m Interval: 10.00m	SHALE: 80%, as above SANDSTONE: 10%, as above SILTSTONE: 10%, as above
350.00 to 355.00m Interval: 5.00m	SHALE: 80%, dark gray, medium gray, medium gray brown, fissile, blocky, sandy in part SILTSTONE: 20%, medium brown, medium gray brown, argillaceous, sandy in part, tight
355.00 to 360.00m Interval: 5.00m	SHALE: 90%, medium gray, dark gray, medium gray brown, silty in part SILTSTONE: 10%, as above
360.00m	GARBUTT
360.00 to 385.00m Interval: 25.00m	SHALE: 100%, dark gray brown, dark gray, medium gray slightly silty, fissile, predominantly blocky, micromicaceous in part, trace of SILTSTONE as above
385.00 to 390.00m Interval: 5.00m	SHALE: 100%, dark gray, dark gray brown, medium gray, silty in part, predominantly blocky, platy in part, minor micromicaceous, trace of disseminated pyrite
390.00 to 395.00m Interval: 5.00m	SHALE: 100%, dark gray, dark gray to black, dark gray brown, minor medium gray silty, fissile, blocky to platy
395.00 to 400.00m Interval: 5.00m	SHALE: 100%, dark gray, medium gray, dark gray brown, silty in part, fissile, blocky to platy, trace of nodular pyrite
400.00 to 405.00m Interval: 5.00m	SHALE: 100%, dark gray, dark gray brown, medium gray silty in part, fissile, blocky to platy

PARAMOUNT RESOURCES LTD.

405.00 to 410.00m Interval: 5.00m	SHALE: 100%, dark gray, medium gray brown silty, fissile, blocky
410.00 to 415.00m Interval: 5.00m	SHALE: 100%, dark gray, dark gray brown silty, fissile, blocky to platy, trace of SILTSTONE medium brown argillaceous, tight
415.00 to 425.00m Interval: 10.00m	SHALE: 100%, medium to dark gray, dark gray brown, silty, fissile, blocky to platy
425.00 to 430.00m Interval: 5.00m	SHALE: 100%, medium gray, dark gray, medium to dark gray brown, fissile, platy to blocky, minor silty in part
430.00 to 441.00m Interval: 11.00m	SHALE: 100%, medium gray, dark gray, dark gray brown slightly silty, fissile, platy to blocky
441.00 to 442.00m Interval: 1.00m	NS: 0%, No sample, Conductor washed out.
442.00 to 445.00m Interval: 3.00m	SHALE: 100%, medium gray, medium to dark gray, fissile, blocky to platy, bentonitic laminae, minor medium gray brown silty
445.00 to 450.00m Interval: 5.00m	SHALE: 100%, medium gray, medium gray silty, dark gray, medium to dark gray brown, fissile, platy to blocky, silty in part, minor bentonitic laminae, trace of coalavings
451.00m	MATTSON
450.00 to 455.00m Interval: 5.00m	SHALE: 100%, as above, Cutter 'D' Contamination from mud tanks, trace of SILTSTONE light to medium gray, quartzose, slightly sandy, slightly argillaceous, calcareous cement, no stain, no fluorescence, no visible porosity, trace of CHERT, varicolored, coarse angular to well rounded, pebbles in part
455.00 to 460.00m Interval: 5.00m	SHALE: 95%, as above, trace of CHERT varicolored, angular to well rounded LIMESTONE: 5%, light gray white, light brown, cryptocrystalline to microcrystalline, mudstone, clean, tight, trace white chalky
464.00m	FLETT
460.00 to 465.00m Interval: 5.00m	SHALE: 65%, as above LIMESTONE: 35%, light gray white, light brown white mottled, medium gray brown argillaceous, predominantly cryptocrystalline mudstone, no stain, no fluorescence, no visible porosity
465.00 to 470.00m Interval: 5.00m	LIMESTONE: 60%, as above SHALE: 40%, as above
470.00 to 475.00m Interval: 5.00m	SHALE: 20%, as above LIMESTONE: 80%, light brown white mottled, light gray white mottled, cryptocrystalline to microcrystalline, mudstone to wackestone, clean, very spotty light oil stain, weak dry cut fluorescence, no porosity
475.00 to 480.00m Interval: 5.00m	LIMESTONE: 90%, light gray brown mottled, light gray white mottled, cryptocrystalline to finely crystalline in part, mudstone to wackestone, trace with very spotty dead oil stain, no visible porosity, minor dark gray brown mottled, slightly argillaceous, tight

	SHALE: 10% , as above, trace of DOLOMITE light to medium gray, microcrystalline, packstone, silty in part, no stain, no fluorescence, trace of pin point porosity 1-2%
480.00 to 485.00m Interval: 5.00m	LIMESTONE: 70% , light brown white mottled medium, light gray white mottled dark, predominantly crypto-crystalline, minor microcrystalline to finely crystalline, mudstone to wackestone, trace of pellets and crinoid fragments, trace with spotty dead oil stain, no fluorescence, no visible porosity SHALE: 30% , dark gray to black, fissile, platy
485.00 to 490.00m Interval: 5.00m	LIMESTONE: 60% , as above DOLOMITE: 20% , light to medium gray, microcrystalline, predominantly wackestone, packstone in part, no stain, no fluorescence, no visible porosity SHALE: 20% , dark gray, dark gray to black, fissile, platy
490.00 to 495.00m Interval: 5.00m	LIMESTONE: 90% , light gray white, light gray brown mottled medium to dark, crypto-crystalline to finely crystalline, mudstone to wackestone, no stain, no fluorescence, no visible porosity SHALE: 10% , as above
495.00 to 500.00m Interval: 5.00m	LIMESTONE: 90% , light brown white mottled medium to dark, medium gray in part, crypto-crystalline, mudstone, no stain, no fluorescence, no porosity SHALE: 10% , as above

DAILY DRILLING REPORT

MUD ADDITIVES

SOLIDS CONTROL

BIT DATA

PUMP DATA

SURVEYS

TIME BREAKDOWN

REMARKS

Next 24 hrs - NU BOF's, pressure test

Weather	snowing	Temp	-15	Spud	92/02/14	Daily Cost	\$217,273	Cum Cost	\$1,198,291
Rig Mgr.	Dennis Ross			Phone	774-0472	Drig Spvr.	Stew Ward		Phone 210-1894

PAGE TWO

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CASING SUMMARYWELL NAME: **Paramount Berkley Arrowhead 015**DATE: **98-02-20**

Size	Wgt	Gr	Rge	Thd	Cplg	Make	Tot. Jts	Jts Run	Depth	Total M
339.7	81.1	K55	3	8rd	STC	TAMSA	37	36	500	500.28

Shoe:	Make	Weatherford	Type	Float	Length, m	0.48
Collar:	Make	Weatherford	Type	Float	Length, m	0.34
Liner Hanger:	Make:				Length, m	
				Landing jt.(if used)	Length, m	
				Overall length of csg string	Length, m	501.10
				Meters up from K.B (subtract)		1.2
				Setting depth (if diff. from TD)	Tally, m	499.90
				Shoe joint (subtract), m		11.71
				Top of float collar, m		488.19

KB to CF, m Length of cut off, m
 Centralizers- Make Weatherford Number 6 Position 1,3,5,7,34,36

Scratchers Make Number Position

Time/date pipe started 2130 hrs, 98/02/19 Time/date pipe on bottom 0615 hrs, 98/02/20
 Time circulated 90 min. Reciprocated 180 min. with 4-5 m strokes

Make/size of casing bowl ABB Vetco Gray 13 5/8 x 5000# x 13 3/8
 H2S rating (PSL 0-3) PSL 0 on bowl
 PSL1 on valves

Additional Information

PIPE TALLY

Date 15-Feb-98

Page no. one

Well name and location Paramount Berkley Arrowhead O15

Contractor Precision 622E

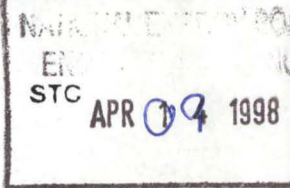
Pipe Description

Size 339.7 Wt. 81.1 Grade: K55 Range: 3 Cplg:

Thread 8 rd Mtr TAMSA, Mexico

Type of String: Surface

Tallied By: Stew Ward



No	Length	No		No		No		No	
1	11.71	21	14.16	41		61		81	
2	13.94	22	14.4	42		62		82	
3	12.75	23	14.32	43		63		83	
4	14.22	24	14.02	44		64		84	
5	14.27	25	14.44	45		65		85	
6	13.91	26	14.04	46		66		86	
7	14.2	27	14.18	47		67		87	
8	14.31	28	12.95	48		68		88	
9	14.36	29	13.88	49		69		89	
10	13.9	30	14.11	50		70		90	
Total	137.57		140.51		0		0		0
11	14.05	31	14.34	51		71		91	
12	13.61	32	13.79	52		72		92	
13	13.73	33	14.36	53		73		93	
14	14.08	34	12.83	54		74		94	
15	14.3	35	14.26	55		75		95	
16	14.29	36	13.61	56		76		96	
17	13.35	37	13.16out	57		77		97	
18	14.5	38		58		78		98	
19	14.14	39		59		79		99	
20	13.78	40		60		80		100	
Total	139.83		83.18		0		0		0
Total 1-20	277.4	Total 21-40	223.7	Total 41-60	0	Total 61-80	0	Total 81-100	0

TOTALS		TOTALS		TOTALS	
1-20	277.4	101-120			
21-40	223.7	121-140			
41-60	0	141-160			
61-80	0	161-180			
81-100	0	181-200			
TOTAL	501.1	TOTAL	0	TOTAL	501.1

Total joints on location

37

Length of cutoff

Remarks.

Float shoe and float collar included in first joint tally.

Centralizers on jts. 1,3,5,7,34,36

CEMENTING

Well Name: Paramount Berkley Arrowhead 015 Date: 2-Feb-98
Type of Casing Surface
Cementing Company Sanjel Cementers
Station: Ft. Nelson Rep.
Hole Size 444.5 Casing Size: 339.7 Depth: 500
Cement Volume Required, m3 48 Excess: 50%
Type of Cement and Additives Lead - 31T 0:1:0 + 1% CaCl₂, Tail-In - 27T Expandomix + 2% CaCl₂
Start Flush 855 Start Cement 908 Start Disp 954
End Flush -905 End Cement 951 End Disp. 1057
Flush ahead 10 m3 water Displace with 39.2 m3 water
Total water 79 m3 Total cement pumped. 58T
Max pump press: 6000 kPa Bumped plug: no/yes yes
Cement returns 8 m3 Floats held: yes
Work casing 4-5 m, while circulating
4-5 m, while cementing

Remarks

Good returns throughout the job. No apparent losses.

Seepage around conductor pipe diminished to nil by the end of the job

PARAMOUNT RESOURCES LTD.**DAILY DRILLING REPORT**

Well Name Paramount Berkley Arrowhead O-15					Date	98/02/20	Day	6
Depth	500	Progress		AFE	13577	Operation Rig up to cement sfc. csg		
Elevations	Grd -	380.5	KB		Formation	Flett - limestone		
Drilling Fluid Type		Gel chem	Volume		Fluid Vol.		Soap	
Wgt	1145	Visc	93	W.L.		PH	9.5	FC
Temp		PV	YP	600	300	Oil	Solids - %	
Tank Vol	37	Hole Vol	61	Total Vol	98	Gradient		Circ. Time

MUD ADDITIVES

Gel		Lime		SAPP		Soap			
Benex		Sawdust		Gypsum		Detergent			
Soda ash		Kwikseal		Barite					
Mud cost - Daily	1033	Cum	7968	Water cost - Daily	600	Cum	9000		

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes	Drilling Assembly	
Desander					Water	bit	0.4
Desilter					Oil	bit sub	0.9
Centrifuge					Losses	2-9" DC	18.92
Shaker	Swaco	Mesh	84/140	84/84	Dumped	bell sub	0.53

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m		
1A	444.5	hammer	KJ7906	3/8 choke	0	442	112	6-HWDP	55.17
2A	444.5	SS81J4	687007	3x20.1x28	442	500	58		
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque		
	11.25	9.96	35.75	drig	1.2	20	18		
22	12.75	4.55	66.75		6-8000	135	450-500		
								TOTAL	114.03

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel	DC Vel	Noz Vel	RSPP	SPM
1	152	115	6100	1.4					
2	140	115	6100	1.2					

SURVEYS

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TIME BREAKDOWN

Drilling		NU BOP's		Rig up		Log	3.5	Well control	
Tripping	6.5	P test		Run Csg	9.25	Core		Tear Out	
Reaming		Slip & cut		Circulate	1.75	DST		Dig pit	
Survey		CTB		Cement	0.5	Lost. Circ		Hdl Tools	2
Rig Serv.	0.5	Repair		WOC		Fish		TOTAL	24

REMARKS

Finished logging with Computalog. Tear out loggers, RIH and clean to bottom. Circulate and trip out to run casing. Rigged up to and ran 36 jts 339.7 mm casing to 500m. Had to circulate last 4m to bottom due to very loose fill. Circulated and rigged in Sanjel cementers to cement surface casing.									
Next 24 hrs - cement casing, WOC, cut off casing, NU BOP's									
Weather	clear	Temp.	-12	Spud	92/02/14	Daily Cost	\$43,366	Cum Cost	\$981,018
Rig Mgr.	Dennis Ross	Phone	774-0472	Drig Spvr.	Stew Ward	Phone	210-1894		

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: February 20, 1998
Well Name: Para et al Arrowhead O-15
Location: 60 03' 123 00'
Morning Depth: 500m @ 0600
Formation: Surface Hole / Flett

UWI: 3000156030123000

Hours Drilling: 0.00
Progress: 0.00m

Operational Status: Rig for Casing

Operational Summary: Log STI-SP, SPcD-CNL-GR-DAC, BIIC Sonic, Condition hole, Rig to case

Remarks: @ 250-774-0521. Was @ N-65 overnight, ran Dipole Sonic, cartridge temperature +/- 145 C. Too hot for Platform nuclears so ran resistivity alone. Have LDT / CNL / ML on location and will run with FMI. Have new cable for Lognet so you should get sonic and laterolog this morning. Drilling mud sample was 122,000 ppm.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 6

Para et al Arrowhead O-15
60 03' 123 00'

PARAMOUNT RESOURCES LTD.**DAILY DRILLING REPORT**

Well Name Paramount Berkley Arrowhead O-15					Date	98/02/19	Day	5
Depth	500	Progress	22	AFE	13577	Operation Logging surface hole		
Elevations	Grd -	380.5	KB		Formation	Flett - limestone		
Drilling Fluid Type		Gel chem	Volume		Fluid Vol.		Soap	
Wgt	1145	Visc	93	W.L.		PH	9.5	FC
Temp		PV	YP	600	300	Oil	Solids - %	
Tank Vol	37	Hole Vol	61	Total Vol	98	Gradient		Circ. Time

MUD ADDITIVES

Gel	20	Lime		SAPP		Soap		
Caustic		Vis-Plus	1	Lignite		Detergent	2	
Benex		Sawdust		Gypsum				
Soda ash		Kwikseal		Barite				
Mud cost - Daily		1033	Cum	7968	Water cost - Daily	600	Cum	8400

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes	Drilling Assembly	
Desander					Water	bit	0.4
Desilter					Oil	bit sub	0.9
Centrifuge					Losses	2.9" DC	18.92
Shaker	Swaco	Mesh	84/140	84/84	Dumped	bell sub	0.53

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	Total m	
1A	444.5	hammer	KJ7906	3/8 choke	0	442	112	
2A	444.5	SS81J4	687007	3x20, 1x28	442	500	58	
Today m	Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque	
	11.25	9.96	35.75	drlg	1-2	20	18	
22	12.75	4.55	66.75		6-8000	135	450-500	
							TOTAL	114.03

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM
1	152	115	6100	1.4					
2	140	115	6100	1.2					

SURVEYS

48?	1/4								
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TIME BREAKDOWN

Drilling	12.75	NU BOP's		Rig up		Log	1.5	Well control	
Tripping	6.5	P. test		Run Csg		Core		Tear Out	1
Reaming		Slip & cut		Circulate	2.5	DST		Dig pit	
Survey	0.5	CTB		Cement		Lost. Circ		Hdl Tools	
Rig Serv.	0.25	Repair		WOC		Fish		TOTAL	24

REMARKS

Drilled ahead to surface TD at 500m. Hole conditions good. Slight flow around around conductor pipe.									
Pulled wiper trip. Had to circulate and back ream 1 stand off bottom for approximately 6 stands. Tripped to bit, cleaned off mud ring, and ran to bottom. Circulated and raised visc. to 90+. Circulated hole clean.									
Tripped out to log. Hole good on trip out. Rigged up to log and start to log surface hole as of this AM									
Next 24 hrs - log, trip, run casing and cement									
Weather	cloudy	Temp.	-16	Spud	92/02/14	Daily Cost	\$26,615	Cum Cost	\$937,652
Rig Mgr.	Dennis Ross		Phone	Orig Spvr. Stew Ward		Phone		210-1894	

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

PAGE TWO

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TIME BREAKDOWN

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WELL	Arrowhead 015	Field	A/E	Funds	Percent	Date	Feb 6/98	Feb 7/98	Feb 8/98	Feb 9/98	Feb 10/98	Feb 11/98
Code	Description	Estimate	Cost	Remaining	Remaining	Day #						
100	istics											
101	veying	20000	20000	0	0%		20000					
102	Legal and Licence	18000	18000	0	0%		18000					
103	Access Preparation	39000	25000	-14000	-56%		39000					
104	Wellsite Preparation	108379	95000	-53379	-97%		100000					
106	Conductor, Rathole	14000	14000	0	0%		14000					
108	Wellsite Restoration	1600	35000	33400	95%							
109	Access Restoration	0		0	#DIV/0!							
116	Maintenance	0	10000	10000	100%							
117	Towing	0		0	#DIV/0!							
118	Supervision	10000	25000	15000	60%		10000					
	Total	210979	202000	-8979	-4%							
200	Drilling Costs											
201	Move in - Rig up	166775	270000	-103225	-38%				163775			
203	Drilling Rig Daywork	108108	810000	-701892	-87%		7200	7200	7200	7200	7200	7200
205	Boiler	14040	69000	-54960	-80%		720	720	720	1440	1440	1440
206	Tear out - Rig out	0	250000	-250000	-100%							
210	Camp and Catering	31200	255000	-223800	-89%		2400	2400	2400	2400	2400	2400
211	Crew Subsistence	2145	30000	-27855	-83%		165	165	165	165	165	165
212	Aviation Support	3500	64000	-60500	-95%							
214	Fuel	39757	300000	-260243	-87%				6384	12279		
216	Communications	1485	30000	-28515	-95%						165	165
218	Water	11020	44000	-32980	-75%		460	1300	1200	860	600	600
219	Vacuum Truck	0	10000	-10000	-100%							
220	Drilling Fluids	7468	208000	-200532	-98%							
222	Air Drilling	94079	250000	-155921	-62%							
223	Underbalanced Drilling	0	66000	-66000	-100%							
224	Technical Support	2600	25000	-22400	-90%		200	200	200	200	200	200
225	Drilling Supervision	10060	80000	-69940	-87%		1360	1040	955	675	670	670
228	Directional Drilling & Surveys	0		0	#DIV/0!							
230	Medical & Safety Services	6825	80000	-53175	-89%		525	525	525	525	525	525
232	Fishing	0		0	#DIV/0!							
234	Contract Services	52244	120000	-67756	-56%		5754	3612	1532	1532	1532	1532
236	Transportation	42255	210000	-167745	-80%							
240	Equipment Rentals	35225	280000	-244775	-87%		1805	1805	1805	1805	2000	2100
242	Drilling Bits	87590	270000	-182410	-68%							
244	Abandonment & Plugback	0		0	#DIV/0!							
246	Lost Equipment	0	5000	-5000	-100%							
250	Miscellaneous Materials	2997		2997	#DIV/0!							2172
252	Surface Casing	0	64000	-64000	-100%							
253	Surface Casing Accessories	0	3000	-3000	-100%							
254	Cement Surface Casing	0	35000	-35000	-100%							
255	Surface Casing Services	0	8000	-8000	-100%							
256	Intermediate Casing	0	181000	-181000	-100%							
257	Intermediate Casing Access	0	5000	-5000	-100%							
258	Cement Intermediate Casing	0	65000	-65000	-100%							
259	Intermediate Casing Services	0	8000	-8000	-100%							
262	Wireline - Slickline	0	5000	-5000	-100%							
	Total	719373	4080000	-3360627	-82%							
300	Evaluations											
301	Coring	0		0	#DIV/0!							
302	Logging	0	105000	-105000	-100%							
303	Formation Testing	0		0	#DIV/0!							
304	Geological Supervision	7300	70000	-62700	-80%					1500	900	
305	Analyses	0	20000	-20000	-100%							
310	Production/AOF Testing	0		0	#DIV/0!							
	Total	7300	195000	-187700	-96%							
400	Production Casing											
401	Casing Accessories	0	20000	-20000	-100%							
402	Production Casing	0	56000	-56000	-100%							
403	Cement Production Casing	0	28000	-28000	-100%							
404	Production Casing Services	0	5000	-5000	-100%							
	Total	0	109000	-109000	-100%							
800	Well Equipment											
801	Drilling Wellhead Parts	0	10000	-10000	-100%							
802	Completion Wellhead Parts	0	35000	-35000	-100%							
803	Tubing	0		0	#DIV/0!							
805	Tubing Accessories	0		0	#DIV/0!							
	Total	0	45000	-45000	-100%	Subtotal	221589	18967	186861	28081	18397	20069
	Cum Total	937652	4631000	-3711306	-80%	Cum.	221589	240556	427417	456498	474895	494964

WELL	Arrowhead 015	Feb 12/98	Feb 13/98	Feb 14/98	Feb 15/98	Feb 16/98	Feb 17/98	Feb 18/98	Feb 19/98				
Code	Description	1	2	3	4	5	6	7	8	9			
100	Jetting												
101	Jetting												
102	Legal and Licence												
103	Access Preparation												
104	Wellsite Preparation			8379									
106	Conductor, Rathole												
108	Wellsite Restoration						1600						
109	Access Restoration												
116	Maintenance												
117	Towing												
119	Supervision												
	Total												
200	Drilling Costs												
201	Move in - Rig up						3000						
203	Drilling Rig Daywork	7200	7200	7500	10752	10752	10752	10752					
205	Butler	1080	1080	1080	1080	1080	1080	1080					
206	Tear out - Rig out												
210	Camp and Catering	2400	2400	2400	2400	2400	2400	2400					
211	Crew Subsistence	165	165	165	165	165	165	165					
212	Aviation Support	3500											
214	Fuel		12267				8837						
216	Communications	165	165	165	165	165	165	165					
218	Water	1200	800	1000	600	1000	600	1000					
219	Vacuum Truck												
220	Drilling Fluids				1388	3504	1563	1033					
222	Air Drilling	30802	10797	10278	18056	7945	16201						
223	Underbalanced Drilling												
224	Technical Support	200	200	200	200	200	200	200					
225	Drilling Supervision	670	670	670	670	670	670	670					
228	Directional Drilling & Surveys												
230	Medical & Safety Services	525	525	525	525	525	525	525					
232	Fishing												
234	Contract Services	1532	3050	3050	13050	12768	3300						
236	Transportation	21258	3676		15250	2072							
240	Equipment Rentals	3275	6160	2710	2710	3730	2995	3325					
242	Drilling Bits			58090			29500						
244	Abandonment & Plugback												
246	Lost Equipment												
250	Miscellaneous Materials		826										
252	Surface Casing												
253	Surface Casing Accessories												
254	Cement Surface Casing												
255	Surface Casing Services												
256	Intermediate Casing												
257	Intermediate Casing Access												
258	Cement Intermediate Casing												
259	Intermediate Casing Services												
262	Wireline, Slickline												
	Total												
300	Evaluations												
301	Coring												
302	Logging												
303	Formation Testing												
304	Geological Supervision	700	700	700	700	700	700	700					
305	Analyses												
310	Production/AOF Testing												
	Total												
400	Production Casing												
401	Casing Accessories												
402	Production Casing												
403	Cement Production Casing												
404	Production Casing Services												
	Total												
800	Well Equipment												
801	Drilling Wellhead Parts												
802	Completion Wellhead Parts												
803	Tubing												
805	Tubing Accessories												
	Total	74672	49469	88533	76070	47676	79653	28815	0	0	0	0	0
	Cum Total	569636	619105	707638	783708	831384	911037	937652	937652	937652	937652	937652	937652

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: February 19, 1998
Well Name: Para et al Arrowhead O-15
Location: 60 03' 123 00'
Morning Depth: 500m @ 0600
Formation: Surface Hole / Flett

UWI: 3000156030123000

Hours Drilling: 14
Progress: 24.00m

Operational Status: Hoist to log

Operational Summary: Drill and survey to TD, Wiper trip, Clean and circulate, Hoist to log.

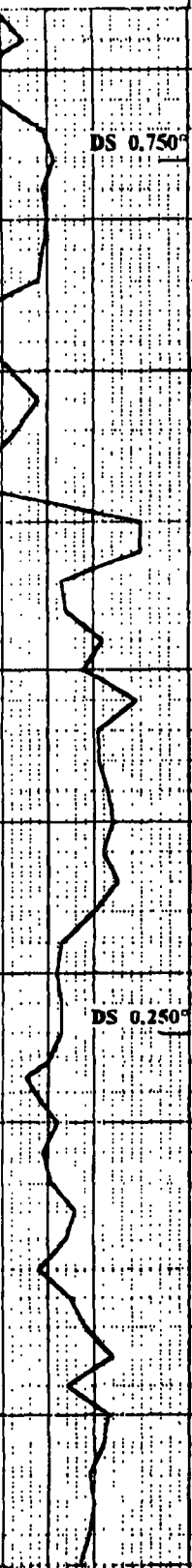
Remarks: A few thin Dolomite lenses but no apparent potential. Trace of oil stain in upper Limestone, probably cutter 'D' contamination from mud tanks. No visual porosity. Computalog on location @ 02:00, plan to try resistivity, density neutron combination then separate sonic to cover dolomites 10-20m off bottom. Should be rigging in loggers by 07:00.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 5

Para et al Arrowhead O-15
60 3' 123 00'

USER DEFINED LOG
Interval : 448.00 to 505.00 m

Para et al Arrowhead O-15
60 03' 123 00'

DATE	DRILLING RATE [min/m]	DEPTH	FORMATION	DST & WLT POROSITY TYPE	POROSITY	INTERPRETED LITHOLOGY	GRAIN SIZE	OIL SHOWS SORTING ROUNDING	GEOLOGICAL COMMENTS
02/18/1998		450.0							SH aa CUTTER 'D' CONTAMINATION FROM MUD TANKS SH aa, mnr LS lt gy wh, lt brn, crpxl - micxl, mudst, clean, tight, tr LS wh chky FLETT
		460.0	59 MS mf						SH aa LS lt gy wh, lt brn wh mot, m gy brn ar, predly crpxl mudst, mnr micxl wackst, no stn, no flor, no vis por
		470.0							SH aa LS aa
		480.0							SH aa LS lt gy brn mot m, lt gy wh mot, crpxl - micxl, mudst - wackst, clean, v spotty lt stn, weak dry cut flor, no por, poss contamination LS lt gy brn mot, lt gy wh mot, crpxl - fly xln ip, mudst - wackst, tr with v spotty dead oil stn, no vis por, mnur dk gy brn mot slly arg, tight
		490.0							SH aa, tr of DOL lt - m gy, micxl, packst, slty ip, no stn, no flor, tr of p-p por 1-2% LS lt brn wh mot m, lt gy wh mot dk, predly crpxl, mnur micxl - fly xln, mudst - wackst, tr of pels and crin fragi, v spotty dead oil stn, prob contamination, no flor, no vis por SH dk gy - blk, fis, plty SH dk gy, dk gy - blk, fis, plty LS aa DOL lt - m gy, micxl, predly wackst, packst ip, no stn, no flor, no vis por
		500.0							LS lt gy wh, lt gy brn, mot m - dk, crpxl - fly xln, mudst - wackst, no stn, no flor, no vis por SH aa LS lt brn wh mot m - dk, m gy ip, crpxl, mudst, no stn, no flor, no por SH aa
	TD Surface								

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

Well Name	Paramount Berkley Arrowhead O-15				Date	98/02/18	Day	4
Depth	478	Progress	36	AFE	13577	Operation Drilling 444.5 mm surface hole		
Elevations	Grd -	380.5	KB		Formation	Flett - limestone		
Drilling Fluid Type	Gel chem	Volume		Fluid Vol.		Soap		
Wgt	1120	Visc	50	W.L.		PH	10	FC
Temp		PV	YP	600	300	Oil	Solids - %	
Tank Vol	35	Hole Vol	59	Total Vol	94	Gradient		Circ. Time

MUD ADDITIVES

Gel	20	Lime		SAPP		Soap		
Caustic	2	Vis-Plus	1	Lignite		Detergent	2	
Bonex		Sawdust	20	Gypsum				
Soda ash		Kwikseal	2	Barite				
Mud cost - Daily	1563	Cum	6935	Water cost - Daily	600	Cum	7800	

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water		bit	0.4
Desilter					Oil		bit sub	0.9
Centrifuge					Losses		2-9" DC	18.92
Shaker	Swaco	Mesh	84/140	84/84	Dumped		bell sub	0.53
							4-6 3/4 DC	37.21

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	m	xo
1A	444.5	hammer	KJ7906	3/8 choke	0	442	112	0.9
2A	444.5	SS81J4	687007	3x20,1x28	442		36	55.17
Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque		
11.25	10.0	35.75	drig	1-2	20	18		
18.25	2.0	54		10-Jun	135	450-500		
							TOTAL	114.03

PUMP DATA

Pump No	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz. Vel.	RSPP	SPM
1	152	115	6100	1.4					
2	140	115	6100	1.2					

SURVEYS

453	3/4								
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TIME BREAKDOWN

Drilling	18.25	NU BOP's		Rig up		Log		Well control	
Tripping	2.25	P. test		Run Csg		Core		Tear Out	1
Reaming	1.25	Slip & cut		Circulate	0.5	DST		Dig pit	
Survey	0.5	CTB		Cement		Lost. Circ		Hdl Tools	
Rig Serv.	0.25	Repair		WOC		Fish		TOTAL	24

REMARKS

Finished connecting flow nipple Made up BHA and ran in hole to 397m. Reamed and cleaned to bottom.									
No flow around conductor pipe Continued to drill to proposed TD at 503m.									
Drilled ahead to present depth Hole conditions good									
Next 24 hrs - drill, wiper trip, drill, trip to run casing									
Weather	cloudy	Temp -18	Spud	92/02/14	Daily Cost	\$79,653	Cum Cost	\$911,037	
Rig Mgr.	Dennis Ross		Phone		Orig Spvr.	Stew Ward	Phone	210-1894	

PARAMOUNT RESOURCES LTD.

DAILY DRILLING REPORT

PAGE TWO

[illegible]

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: February 18, 1998
Well Name: Para et al Arrowhead O-15
Location: 60 03' 123 00'
Morning Depth: 476m @ 0600
Formation: Surface Hole / Flett

UWI: 3000156030123000

Hours Drilling: 16
Progress: 34.00m

Operational Status: Drilling

Operational Summary: Trip B11A, Switch to mud, Drill and survey

Remarks: Flett Limestone @ 459m. No Shows, No porosity.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 4

Para et al Arrowhead O-16
60 3' 123 00'

USER DEFINED LOG
Interval : 430.00 to 485.00 m

Para et al Arrowhead O-15
60 03' 123 00'

DATE	DRILLING RATE [min/m]	DEPTH	FORMATION	DST & WLT	POROSITY TYPE	POROSITY	INTERPRETED LITHOLOGY	GRAIN SIZE	OIL SHOWS SORTING ROUNDING	GEOLOGICAL COMMENTS
02/17/1998		43								SH m gy. dk gy. dk brn slty slty, fis, phty - blk
		440.0								SH aa
										WASHED OUT CONDUCTOR, SWITCH TO MUD SH m gy. m - dk gy, fis, phty - blk, mnr m gy brn slty, bentic lam
02/18/1998		450.0								SH m gy, m gy slty, dk gy, m - dk gy brn, fis, phty - blk, slty ip, bentic lam, tr of coal
		460.0								SH aa
										SH aa, mnr LS lt gy wh, lt brn, crpxl micxl, mudst, clean, tight, tr LS wh chky FLETT
		460.0								SH aa LS lt gy wh, lt brn wh mot, m gy brn ar, predly crpxl mudst, mnr micxl wackst, no stn, no flor, no vis por
		470.0								SH aa LS aa
										SH aa LS lt gy brn mot m, lt gy wh mot, crpxl - micxl, mudst - wackst, clean, no stn, no flor, no por
		480.0								

PARAMOUNT RESOURCES LTD.**DAILY DRILLING REPORT**

Well Name Paramount Berkley Arrowhead O-15					Date	98/02/17	Day	3
Depth 442		Progress	112	AFE	13577	Operation Tear out Grant Head		
Elevations Grd -		380.5	KB		Formation			
Drilling Fluid Type		Air	Volume	6000 cfm	Fluid Vol.	25-35 lpm Soap	0.8-1 %	
Wgt	1030	Visc	47	W L		PH	10	FC
Temp		PV	YP	600	300	Oil	Solids - %	
Tank Vol	47	Hole Vol	56.5	Total Vol	103.5	Gradient		Circ. Time

MUD ADDITIVES

Gel	134	Lime		SAPP		Soap	1	
Caustic	1	Polymer		Lignite				
Benex		Sawdust		Gypsum				
Soda ash	1	Kwikseal		Barite				
Mud cost - Daily	3504	Cum	5372	Water cost - Daily	600	Cum	7200	

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes	Drilling Assembly	
Desander					Water	bit	0.39
Desilter					Oil	Hammer	2.22
Centrifuge					Losses	bit sub	0.53
Shaker		Mesh			Dumped	2-9" DC	18.92

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	m		
1A	444.5	hammer	KJ7906	3/8 choke	0	442	112	fire sub	0.51
								bell sub	0.53
								4-6 3/4 DC	37.21
								xo	0.9
								6-HWDP	55.17
Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque			
11.25	10.0	35.75	drilg	1-2	20	18			
								TOTAL	116.38

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz Vel.	RSPP	SPM
1	152								
2	140								

SURVEYS

343	1	399	1/2						
374	1	427	1						

TIME BREAKDOWN

Drilling	11.25	NU BOP's		Rig up		Log		Well control	1.75
Tripping	2.5	P test		Run Csg		Core		Tear Out	2.5
Rearring		Slip & cut		Circulate	2.5	DST		Dig pit	
Survey	1.5	CTB		Cement		Lost Circ		Hdl Tools	0.5
Rig Serv	0.25	Repair	1.25	WOC		Fish		TOTAL	24

REMARKS

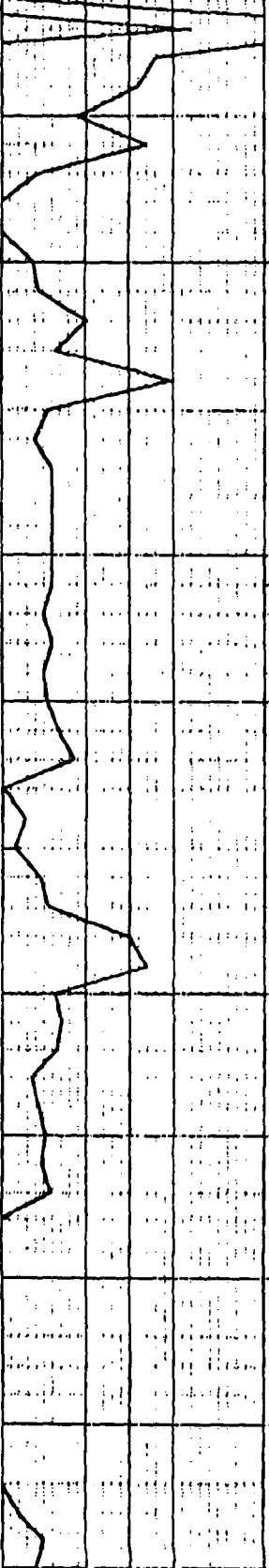
Drilled ahead and surveyed. Hole good on connections									
Drilled to 430m and mist pump went down. Repaired and brought back on line.									
Drilled ahead to 442m. Clamp on Grant head vibrated open and rubber popped free. Also noticed fluid and gas flowing up around conductor pipe. Opened HCR and closed Hydril. HCR apparently plugged.									
Pulled 5 stands and pumped 15 m3 mud. Re-installed rubber and opened well to blooie pit. Pressure bled off and bubbling around conductor pipe reduced substantially. Pulled to last stand of HWDP and displaced well to mud. Hole took approx. 56.5 m3 to fill. Well dead. Tripped out, layed down hammer and bit. Tore out Grant head and replaced with flow nipple.									
Hole is in competent shale and should be cased here to as drilling ahead may washout conductor barrel more. Released Percussion drilling and air drilling equipment									
Next 24 hrs. - RIH, CTB, Trip. Run casing and cement.									
Weather	cloudy	Temp	-14	Spud	92/02/14	Daily Cost	\$47,676	Cum Cost	\$831,384
Rig Mgr.	Dennis Ross	Phone		Drig Spvr.	Stew Ward	Phone	210-1894		

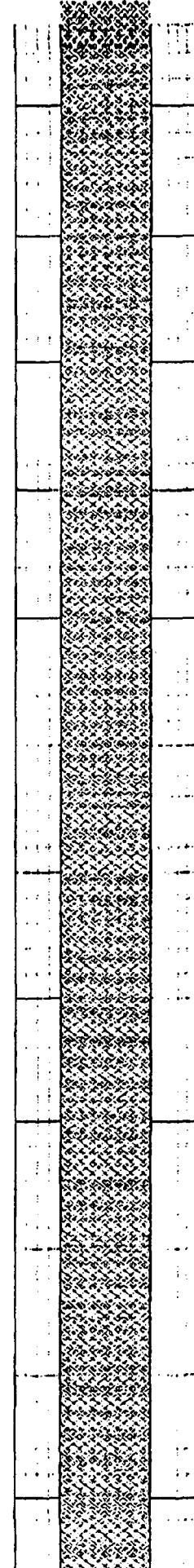
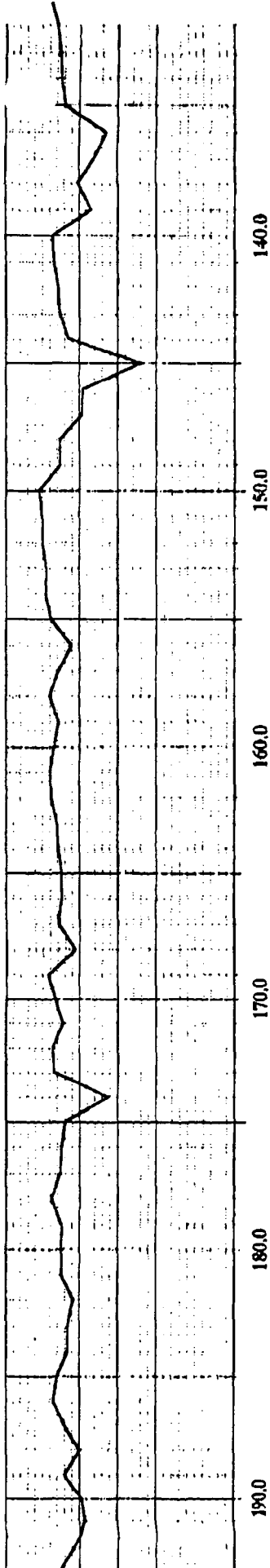
USER DEFINED LOG

Interval : 10.00 to 315.00 m

Para ct al Arrowhead O-15

60 03' 123 00'

DATE	DRILLING RATE [min/m]	DEPTH	FORMATION	DST & WLT POROSITY TYPE	POROSITY	INTERPRETED LITHOLOGY	GRAIN SIZE	OIL SHOWS SORTING ROUNDING	GEOLOGICAL COMMENTS
02/14/1998		10.0							BASE OF CONDUCTOR PIPE
		20.0							DRILLING WITH AIR HAMMER, SOAP / MIST. HOLE SLUGGING. NO RETRIEVABLE RETURNS.
02/15/1998		30.0							TILL. Cly / soap sludge, sdy ip, mnr pbbls and bldrs.
		40.0							TILL aa
		50.0							TILL. Cly / soap sludge, sdy ip
		60.0							TILL aa
		70.0							TILL Cly / soap sludge, sdy ip
									TILL aa
									TILL. Cly / soap sludge, sdy ip, mnr pbbls
									TILL aa
									TILL aa
									TILL aa



TILL. Cly / soap sludge, sdy ip

TILL. aa

TILL aa

PUFF OF GAS AHEAD OF AIR AFTER SURVEY @ 143m

TILL. Cly / soap sludge, sdy ip

TILL aa

TILL. no retrievable sample

TILL. no retrievable sample

TILL. no retrievable sample

TILL. Cly / soap sludge, sdy ip

TILL aa

TILL aa

TILL. Cly / soap sludge, sdy ip

SH m gy. fls, predly blk, stty ip, tr sdy

SH m gy, fis, predly blk, slty ip, tr sdy

FORT ST. JOHN

SH m gy, fis, blk, slty, tr of sdy lenses, tr glauic

SH aa

SH aa

SH m gy, m - dk gy, fis, predly blk, slty ip, tr micmica, tr of sdy lam, tr of LS
cvg

SH aa

SH aa

SH m gy, m - dk gy, fis, predly blk, slty ip, tr micmica, tr of SS lt gy, s&p, v
- f gred, shang - shrd, m srt, glauic, arg, no vis por

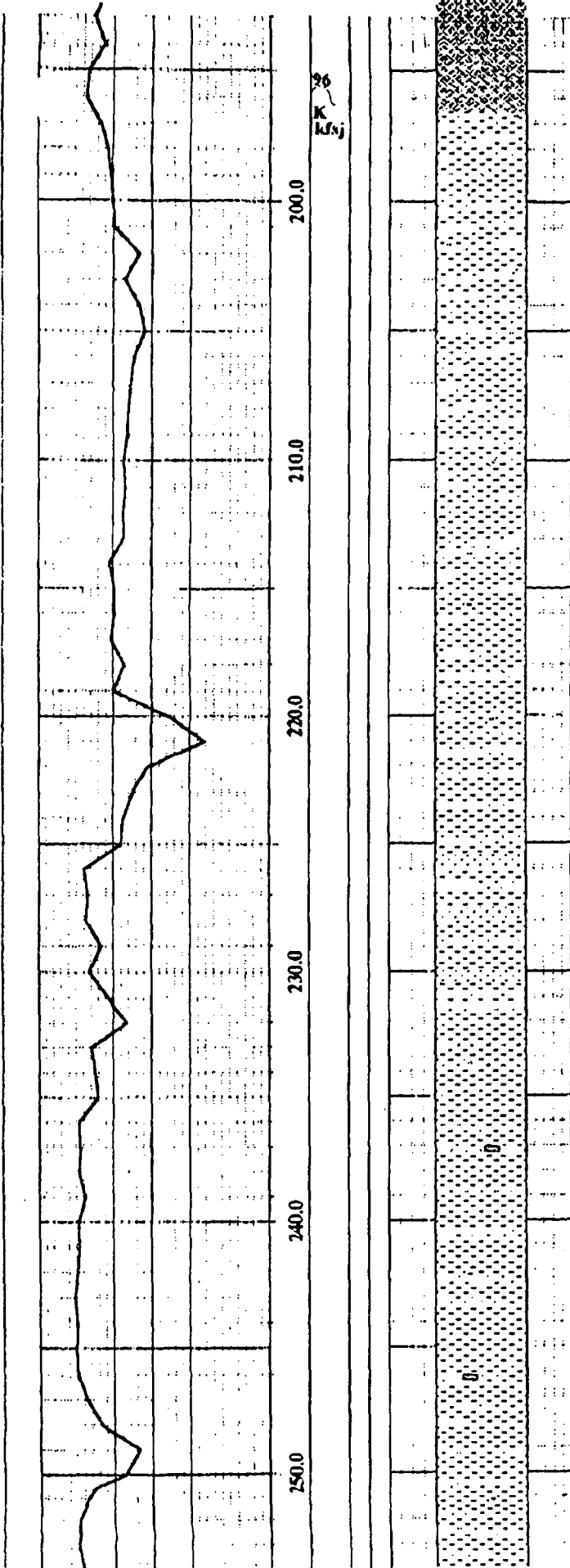
SH aa, tr of SS aa

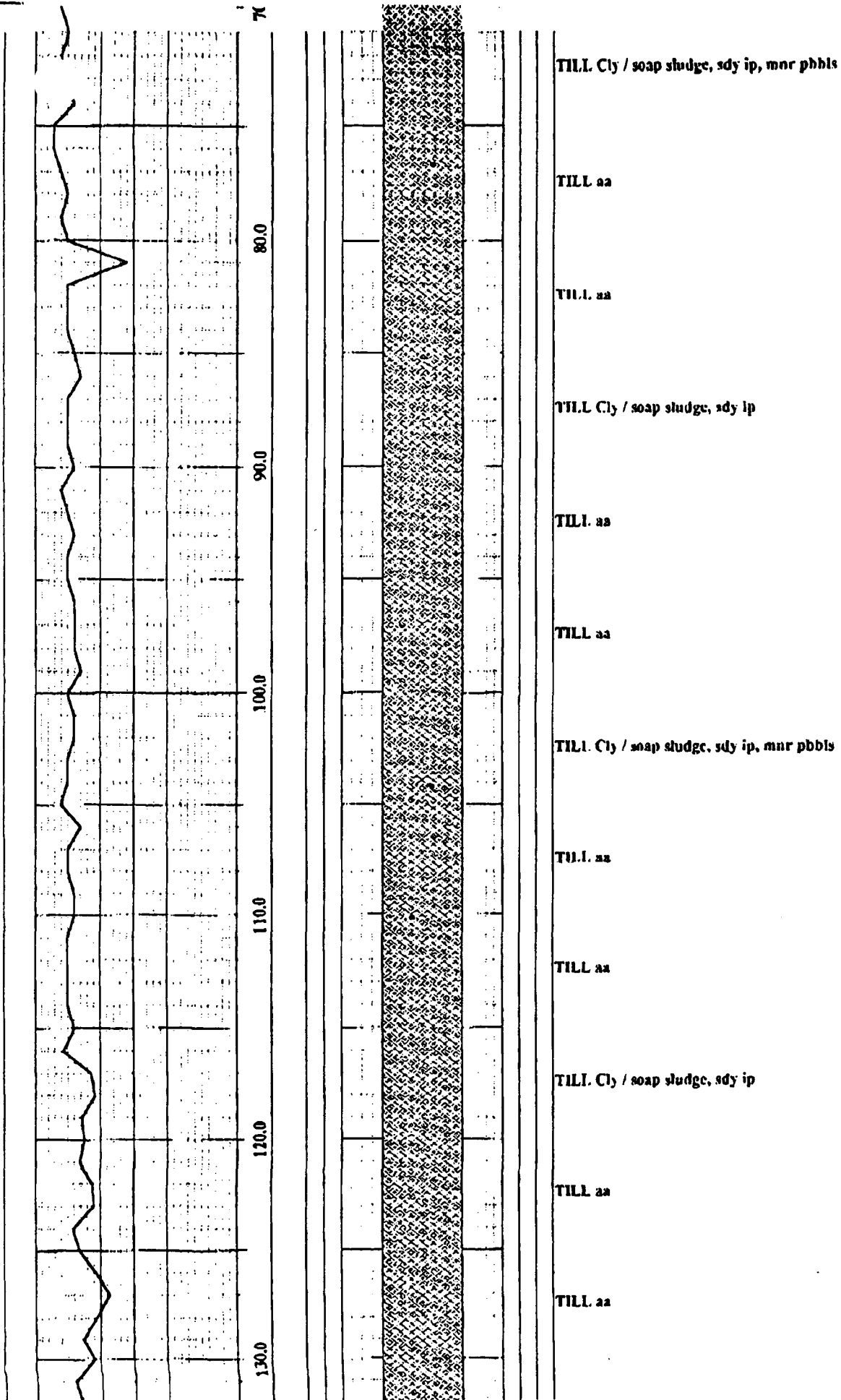
SH m gy, m gy slty, fis, predly blk, micmica lp, tr of sdy lenses

SH aa

SH m gy, m gy slty, fis, blk, tr cales, micmica lp, tr of sdy lenses

SH aa





02/16/1998

260.0

270.0

280.0

290.0

300.0

310.0

SH m gy, m gy slty, fis, predly blk, micmica lp, tr calcs, tr of sdy lenses

No retrievable sample

No retrievable sample

SH m gy, m gy slty ip, fis, blk, tr of sdy lenses, v poor returns.

SH aa

SH aa, mnr SS lt - m gy, s&p, predly v f gred, shang - sbrd, arg, speed glauc, no stn, no flur, no vis por. Com CVG ang to sbrd, acidic phlis

M
a
r

SH aa, mnr SS aa. Com CVG aa

SH aa, mnr CVG

SLTST m gy, m brn, dolie cmt, tight

M
a
r

SS m gy, m brn, slty - v f gred, shang - sbrd, m srt, calcs - dolie cmt to mix, arg lp, no stn, no flur, no vis por

SH aa

M
a
r

SS lt - m gy, m brn, s&p, slty - v f gred, shang - sbrd, m - w srt, slty arg, predly firm, mnr fri, calcs cmt - mix, speed glauc, no stn, no flur, mnr patchy intgran por 2-3%

PARAMOUNT RESOURCES LTD.**DAILY DRILLING REPORT**

Well Name Paramount Berkley Arrowhead O-15					Date	98/02/16	Day	2
Depth	330	Progress	238	AFE	13577	Operation Drilling 444 5mm surface hole		
Elevations	Grd -	380.5	KB		Formation			
Drilling Fluid Type		Air	Volume	6000 cfm	Fluid Vol.	25-35 lpm Soap	0.8-1 %	
Wgt		Visc		W.L.		PH	FC	
Temp		PV	YP	600	300	Oil	Solids - %	
Tank Vol		78	Hole Vol		Total Vol	Gradient	Circ. Time	

MUD ADDITIVES

Gel	60	Lime		SAPP		Soap		
Caustic		Polymer		Lignite				
Benex		Sawdust		Gypsum				
Soda ash		Kwikseal		Barite				
Mud cost - Daily		1368	Cum	1868	Water cost - Daily		600	Cum 6600

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water		bit	0.39
Desilter					Oil		Hammer	2.22
Centrifuge					Losses		bit sub	0.53
Shaker		Mesh			Dumped		2-9" DC	18.92

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	m		
1A	444 5	hammer	KJ7906	3/8 choke	0		330	fire sub	0.51
								bell sub	0.53
								4-6 3/4 DC	37.21
								yo	0.9
								6-HWDP	55.17
Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque			
19	17.4	24.5	drig	1-2	20	18			
								TOTAL	116.38

PUMP DATA

Pump No	Liners	SPM	Pressure	m3/min	OP Vel.	DC Vel	Noz. Vel	RSPP	SPM

SURVEYS

115	7/8	172	1 1/4	230	1 1/2	286	1		
143	7/8	201	1 1/4	258	1 1/8	315	1 7/8		

TIME BREAKDOWN

Drilling	19	NU BOP's		Rig up		Log		Abandon	
Tripping		P. test		Run Csg		Core		Tear Out	
Reaming		Slip & cut		Circulate	0.75	DST		Dig pit	
Survey	2.5	CTB		Cement		Lost. Circ		Hdl Tools	
Rig Serv.	1	Repair	0.75	WOC		Fish		TOTAL	24

REMARKS

Drilled ahead and surveyed. Hole good on connections									
Hole not making any appreciable amounts of water. Encountered gas after taking survey at 144m Did not notice any while drilling. Volume not measurable.									
Mixed mud in tanks for displacing hole prior to running casing									
Injecting air at 6000 CFM and fluid at 25-35 lpm. Hole does not slug with lower volume of fluid injection.									
Next 24 hrs - drill, survey									
Weather	cloudy	Temp	15	Spud	92/02/14	Daily Cost	\$76,070	Cum Cost	\$783,708
Rig Mgr.	Dennis Ross			Phone		Drlg Spvr.	Stew Ward	Phone	210-1894

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: February 16, 1998
Well Name: Para et al Arrowhead O-15
Location: 60 03' 123 00'
Morning Depth: 313m @ 0600
Formation: Surface Hole

UWI: 3000156030123000

Hours Drilling: 20
Progress: 252.00m

Operational Status: Drilling

Operational Summary: Drill and survey as required.

Remarks: Hole still slugging, making a little water. Samples have improved. 8 to 10 second gas flare ahead of air after surveys. Started on survey at 143m. Not increasing. Called Fort St. John (Lepine Shale) about 196m. Looks like we just got into the Scatter Sandstone at about 292m +/- . No shows. Sent striplog to 7315.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 2

Para et al Arrowhead O-16
60 3' 123 00'

Paramount Resources Ltd.

GEOLOGICAL MORNING REPORT

Reported for: Paul Collens
Reported by: Colin Bredin

Date: February 15, 1998
Well Name: Para et al Arrowhead O-15
Location: 60 03' 123 00'
Morning Depth: 61m @ 0600
Formation: Surface Hole

UWI: 3000156030123000

Hours Drilling: 4.0
Progress: 50.00m

Operational Status: Tripping

Operational Summary: Spud @ 22:20 Feb 14. Drill out under conductor with 445mm air hammer, Drill and survey to 61m, Trip BHA.

Remarks: Glacial drift. Drilling with soap / mist, hole slugging badly, samples poor to non retrievable. Should improve after we hit rock.

KB: 387.0m **Ground:** 380.5m **Spud Date:** Feb 14, 1998 **DFS:** 1

Para et al Arrowhead O-16
60 3' 123 00'

PARAMOUNT RESOURCES LTD.**DAILY DRILLING REPORT**

Well Name Paramount Berkley Arrowhead O-15					Date	98/02/15	Day	1
Depth	92	Progress	92	AFE	13577	Operation Drilling 444 5mm surface hole		
Elevations	Grd -	380.5	KB		Formation			
Drilling Fluid Type		Air						
Wgt	Visc		W.L.		PH	FC		
Temp	PV	YP	600	300	Oil	Solids - %		
Tank Vol	Hole Vol		Total Vol		Gradient	Circ. Time		

MUD ADDITIVES

Gel		Lime		SAPP		Soap	1	
Caustic	1	Polymer		Lignite				
Benex		Sawdust		Gypsum				
Soda ash	1	Kwikseal		Barite				
Mud cost - Daily		500	Cum	500	Water cost - Daily		600	Cum 6000

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes		Drilling Assembly	
Desander					Water		bit	0.39
Desilter					Oil		Hammer	2.22
Centrifuge					Losses		bit sub	1.05
Shaker		Mesh			Dumped		2-8" DC	18.92

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	m	
1A	444.5	hammer	KJ7906	3/8 choke	0		92	fire sub 0.51
								bell sub 0.53
								4-6 3/4 DC 37.21
								xo 0.9
								HWDP 27.7
Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque		
5.5	16.7	5.5		1-2	20			
								TOTAL 89.43

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel	DC Vel	Noz. Vel.	RSPP	SPM

SURVEYS

41	1/4	88	3/4						
69	3/4								

TIME BREAKDOWN

Drilling	5.5	NU BOP's		Rig up		Log		Abandon	
Tripping	2.25	P. test		Run Csg		Core		Tear Out	
Reaming		Slip & cut		Circulate	1	DST		Dig pit	13
Survey	1	CTB		Cement		Lost. Circ		Hdl Tools	1.25
Rig Serv.		Repair		WOC		Fish		TOTAL	24

REMARKS

Dug blooie pit, rigged in blooie line.									
Picked air hammer and bit on 9" drill collar									
SPUD 2215 HRS, 98/02/14									
Drilled ahead with hammer and air to 61m. Tripped out and changed to above BHA. RHH and drilled ahead									
Injecting air at 5400 CFM and fluid at 30-35 lpm									
Hole good on connections									
Next 24 hrs - drill, survey									
Weather	cloudy	Temp -15	Spud	Daily Cost \$88,533		Cum Cost \$707,638			
Rig Mgr.	Dennis Ross	Phone		Drig Spvr. Stew Ward		Phone 210-1894			

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[illegible]

PARAMOUNT RESOURCES LTD.**DAILY DRILLING REPORT**

Well Name Paramount Berkley Arrowhead O-15					Date	98/02/14	Day	PS7
Depth	Progress	KB	AFE	13577	Operation Rigging up			
Elevations	Grd -				Formation			
Drilling Fluid Type								
Wgt	Visc		W L		PH		FC	
Temp	PV	YP	600	300	Oil	Solids - %		
Tank Vol	Hole Vol		Total Vol		Gradient		Circ. Time	

MUD ADDITIVES

Gel		Lime		SAPP				
Caustic		Polymer		Lignite				
Benex		Sawdust		Gypsum				
Soda ash		Kwikseal		Barite				
Mud cost - Daily		Cum		Water cost - Daily			Cum	

SOLIDS CONTROL

Item	Make	UF	OF	L/min	Fluid Volumes	Drilling Assembly
Desander					Water	
Desilter					Oil	
Centrifuge					Losses	
Shaker		Mesh			Dumped	

BIT DATA

No	Size	Type	Serial #	Jets	In	Out	m
Hours	m/Hr	Cum Hrs	Condition	Weight	RPM	Torque	

PUMP DATA

Pump No.	Liners	SPM	Pressure	m3/min	DP Vel.	DC Vel.	Noz Vel.	RSPD	SPM

SURVEYS

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TIME BREAKDOWN

Drilling		NU BOP's		Rig up		Log		Abandon
Tripping		P. test		Run Csg		Core		Tear Out
Reaming		Slip & cut		Circulate		DST		
Survey		CTB		Cement		Lost Circ		
Rig Serv.		Repair		WOC		Fish		TOTAL

REMARKS

Diverter system and Grant head installed			
All air drilling and related equipment rigged in.			
Track hoe to dig blooie pit did not arrive on location until 930 PM and operator would not work until morning. Waiting on pit before spudding.			
Weather	cloudy	Temp -15	Spud
Rig Mgr.	Dennis Ross	Phone	
Daily Cost	\$49,469	Cum Cost	\$619,105
Drig Spvr	Stew Ward	Phone	210-1894

WELL DATA SUBMITTED FOR MICROFIMING:

(Please Film in The Following Order If Possible)

*****DATA ALREADY RELEASED FROM CONFIDENTIAL STATUS*****

Authority to Drill Form
Well Termination Record (with attachment)
Approval to Alter Condition of a Well
Well Termination Record (with attachment)

Final Well Report
DST Reports (3)

LOGS

***(Please order as you see fit)**

Platform Express Compensated Neutron Lithology Density (MD & TVD)
Platform Express Array Induction (MD & TVD)
Platform Express Microlog (MD & TVD)
Borehole Compensated Sonic (Feb.19/98)
Borehole Compensated Sonic (MD & TVD Mar.10/98)
Spectral Pe Density/Compensated Neutron

Multipole Array Acoustilog/Gamma Ray/X-Y Caliper
Compensated Z-Densilog/Compensated Neutron/GR/X-Y Caliper(Feb.8/99 MD & TVD)
Compensated Z-Densilog/Compensated Neutron/GR/X-Y Caliper(Feb.24/99)
High Definition Induction/Gamma Ray (Feb. 8/99 MD & TVD)
High Definition Induction/Gamma Ray (Feb.24/990)
Hexagon Diplog/GR
Hexagon Diplog/GR/Stratagon Dip Analysis
Digital Acoustilog/GR/XY Caliper (MD & TVD)
Cement Volume Log
Cement Quality Plug Log