

DAVE WILSON OILFIELD CONSULTING LTD. DAILY DRILLING REPORT

WELL	Para et al Netla M-23			REPORT #	29	DATE	13-Jan-99
DEPTH	2243	PROGRESS	35	OPERATION	800	Drilling 156 mm Hole	

DRILLING FLUID / SOLIDS CONTROL

TYPE	Oil Base	TIME CHK	200	ENGINEER	Jody Kerelluk	MOBILE	
LOG BOOK		CHECK	mg/L		ADDITIVES		
DENSITY		1020	SALINITY		MILBAR		MUD GRAD. (KPA/M) 9.60
VISCOSITY		46	CHLORIDES	208000	DIESEL		CYCLE MAIN HOLE (MIN) 135
W.L.			CALCIUM	108000	Shrink wrap		BOTTOMS UP (MIN) 38
PH			Vol. Frac.		OILGEL3000	6	PUMP (M3/STROKE) 0.0056
F.C.		2	SAND	0.005	Ca Chi. Fines		MUD TANKS (M3) 47
FANN 600		27	SOLIDS	13.6	LIME		MAIN HOLE (M3) 40
FANN 300		15	UF/OF		MILMICA		TOTAL (M3) 87
P.V.		12	OIL %	84	DFE 418		WATER LOADS ON LOC.
Y.P.		1.5	WATER %	16	CARBOTEC		DAILY MUD COST \$2.180
GELS 1/10		1.5/2.5	CNTFGE		CA. CARB.		MUD COST TO DATE \$138,097

BIT DATA

TIME BREAKDOWN

NO.	3-B	BIT NO.	3-B	DRILL	22.75	MIRU	
SIZE	156	WEIGHT	8,000	TRIP		DRL MH/RH	
TYPE	F-3	RPM	60	RIG SERV	0.75	NIPPLE U/D	
SERIAL NO	LT1922	STRING WT	47,000	SURVEY	0.50	PT BOP'S	
JETS	3 x 16	SPM	120	CIRCULATE		DRILL OUT	
FROM	2189	M3/MIN	0.67	LOG		S&C LINE	
TO	2243	PRESSURE	4,100	TEST		RIG REPAIR	
BIT METERS	54	DP VEL	54	CORE		LD DP/DC'S	
BIT HOURS	35.25	DC VEL	76	REAM		REC CORE	
BIT ROP	1.5	NOZ VEL	29.6	CTB		SFTY MTG	
CUM HOURS	158	PUMP		CASING		BOP DRILL	
CONDITION	Run	TYPE	PZ-8	CEMENT		MIX L.C.M	
PULLED FOR		LINER/STK	203 x 114	WOC		TOTAL	24.00

SURVEYS

BOTTOM HOLE ASSEMBLY

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION	156mm Bit, B/S,
1986	1.5	2203	2.5			
2085	2.75					12 x 4 3/4 Drill Collars
2113	3.75					
2163	3.5					LENGTH

REMARKS & GENERAL REPORT DETAILS

0800-1400	Drilled 156 mm hole						
1400-1430	Surveyed @ 2203 MKB 2.5 degree						
1430-0800	Drilled ahead						
					CUT(-) / FILL(+)		
					GR. ELEV (Corrected)		273.10
					KB - GROUND		5.15
					ACTUAL KB:		278.25
					REPORT TO:		Wayne Tomr
WEATHER/TEMP		Clear -28	RD/LEASE	Firm	LAST BOP DRILL DL		12-Jan
SUPERVISOR		Dave Wilson	MOBILE	1-600-700-5042	LAST BOP DRILL AN		8-Jan
RIG MANAGER		Greg Beller	MOBILE		LAST BOP DRILL MN		
CONTRACTOR		Precision 379	DAILY COST	\$25,360	CUM COST		\$1,533,945

**HIGHWOOD WELLSITE SERVICES INC.
DAILY GEOLOGICAL WELL REPORT
1999-01-15**

Paramount et al Netia M-23

Report To:	PAUL COLLENS	Report From:	JEFF BOULTER
Spud Date:	December 17	Telephone:	1600 700 5042
Gd. Elevation:	273.1	Days from Spud:	29
Depth @ 6:00:	2280 m	K.B. Elevation:	278.25
Status @ 8:00:	Waiting on fishing tools	Formation:	Pre Devonian
24 hr Progress:	0 m	Average ROP:	0 m/hr

OPERATIONS SUMMARY - Last 24 Hours

Finished pulling out of hole, rigged up loggers, logged first run - HDIL/ZDL/CNL/GR/XY CAL. Made up next tool, run in hole with X- Mac sonic tool, when pulling off bottom there was no weight indicated, pull wire line out off hole, recovered portion of tool, wait on fishing tools

MUD PROPERTIES

Type: Invert
Density: 1020 kg/m³
Viscosity: 46 s/L
Water Loss: cm³/30 min
pH:
Filter Cake: mm

SAMPLE TOPS

Formation	Sample Depth	TVD	Subsea	Prognosis Subsea	Change
Kakisa	1030.0	1029.4	-751.1	-690.2	-60.9
Fort Simpson	1057.0	1056.3	-778.1	-770.2	-7.9
Muskwa	1790.0	1788.8	-1510.6	-1626.2	115.6
Horn River	1879.0	1877.8	-1599.6		
Nahanni	1891.0	0.0		-1717.2	
Headless	1972.0	0.0		-1830.2	
Landry	2002.0	0.0		-1854.2	
Arnica	2074.0	0.0		-1912.2	

FORECAST ACTIVITIES

Wait on fishing tools, run in with fishing tools, recover X-Mac and start logging