

DAVE WILSON OILFIELD CONSULTING LTD.

DAILY DRILLING REPORT

WELL	Para et al Netla M-23			REPORT #	40	DATE	24-Jan-99
DEPTH	2280	PROGRESS		OPERATION (	800	Wait on new location	

DRILLING FLUID / SOLIDS CONTROL

TYPE	Oil Base	TIME CHK	200	ENGINEER	Jody Kereliuk	MOBILE	
LOG BOOK		CHECK	mg/L		ADDITIVES		
DENSITY			SALINITY		MILBAR		MUD GRAD. (KPA/M)
VISCOSITY			CHLORIDES		DIESEL		CYCLE MAIN HOLE(MIN)
W.L.			CALCIUM		Floor Dry		BOTTOMS UP (MIN)
pH				Vol. Frac.	OILGEL3000		PUMP (M3/STROKE)
F.C.			SAND		Ca.Chl. Fines		MUD TANKS (M3)
FANN 600			SOLIDS		LIME		MAIN HOLE (M3)
FANN 300				UF/OF	SAWDUST		TOTAL (M3)
P.V.			OIL %		DFE_418		WATER LOADS ON LOC.
Y.P.			WATER %		CARBOTEC		DAILY MUD COST
GELS 1/10			CNTFGE		MUD LOSSES	36 m3	MUD COST TO DATE \$171,778

BIT DATA

TIME BREAKDOWN

NO.		BIT NO.		DRILL		MIRU	
SIZE		WEIGHT		TRIP		DRL MH/RH	
TYPE		RPM		RIG SERV		NIPPLE U/D	
SERIAL NO		STRING WT		SURVEY		PT BOP'S	
JETS		SPM		CIRCULATE		DRILL OUT	
FROM		M3/MIN		LOG		S&C LINE	
TO		PRESSURE		TEST		RIG REPAIR	
BIT METERS		DP VEL		CORE		LD DP/DC'S	
BIT HOURS		DC VEL		REAM		W.O. Orders	
BIT ROP		NOZ VEL		CTB		SFTY MTG	
CUM HOURS		PUMP		CASING		BOP DRILL	
CONDITION		TYPE	PZ-8	CEMENT		W.O. T.Tools	
PULLED FOR		LINER/STK	203 x 114	WOC		TOTAL	

SURVEYS

BOTTOM HOLE ASSEMBLY

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION	
1986	1.5	2203	2.5			
2085	2.75	2271	2.5			
213	3.75					
2163	3.5					LENGTH

REMARKS & GENERAL REPORT DETAILS

0800-0800 Waiting on new location to be built

				CUT(-) / FILL(+)			
				GR. ELEV. (Corrected)		273.10	
				KB - GROUND:		5.15	
				ACTUAL KB:		278.25	
				REPORT TO:		Wayne Tomm	
WEATHER/TEMP	Clear	-20	RD/LEASE	Firm	LAST BOP DRILL DL		12-Jan
SUPERVISOR	Dave Wilson		MOBILE	1-600-700-5042	LAST BOP DRILL AN		13-Jan
RIG MANAGER	Greg Beller		MOBILE		LAST BOP DRILL MN		
CONTRACTOR	Precision	379	DAILY COST	\$15,235	CUM. COST	\$1,983,930	

DAVE WILSON OILFIELD CONSULTING LTD.

DAILY DRILLING REPORT

WELL	Para et al Netla M-23			REPORT #	39	DATE	23-Jan-99
DEPTH	2280	PROGRESS		OPERATION (	800	Wait on new location	

DRILLING FLUID / SOLIDS CONTROL

TYPE	Oil Base	TIME CHK	200	ENGINEER	Jody Kereliuk	MOBILE	
LOG BOOK		CHECK	mg/L		ADDITIVES		
DENSITY			SALINITY		MILBAR		MUD GRAD. (KPA/M)
VISCOSITY			CHLORIDES		DIESEL		CYCLE MAIN HOLE(MIN)
W.L.			CALCIUM		Floor Dry		BOTTOMS UP (MIN)
pH				Vol. Frac.	OILGEL3000		PUMP (M3/STROKE)
F.C.			SAND		Ca.Chl. Fines		MUD TANKS (M3)
FANN 600			SOLIDS		LIME		MAIN HOLE (M3)
FANN 300				UF/OF	SAWDUST		TOTAL (M3)
P.V.			OIL %		DFE_418		WATER LOADS ON LOC.
Y.P.			WATER %		CARBOTEC		DAILY MUD COST
GELS 1/10			CNTFGE		MUD LOSSES	36 m3	MUD COST TO DATE \$171,778

BIT DATA

TIME BREAKDOWN

NO.		BIT NO.		DRILL		MIRU	
SIZE		WEIGHT		TRIP		DRL MH/RH	
TYPE		RPM		RIG SERV		NIPPLE U/D	
SERIAL NO.		STRING WT		SURVEY		PT BOP'S	
JETS		SPM		CIRCULATE		DRILL OUT	
FROM		M3/MIN		LOG		S&C LINE	
TO		PRESSURE		TEST		RIG REPAIR	
BIT METERS		DP VEL		CORE		LD DP/DC'S	
BIT HOURS		DC VEL		REAM		W.O. Orders	
BIT ROP		NOZ VEL		CTB		SFTY MTG	
CUM HOURS		PUMP		CASING		BOP DRILL	
CONDITION		TYPE	PZ-8	CEMENT		W.O. T.Tools	
PULLED FOR		LINER/STK	203 x 114	WOC		TOTAL	

SURVEYS

BOTTOM HOLE ASSEMBLY

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION	
1986	1.5	2203	2.5			
2085	2.75	2271	2.5			
213	3.75					
2163	3.5					LENGTH

REMARKS & GENERAL REPORT DETAILS

0800-1000	Tear out rig				
1000-1130	Cut casing and install well head				
1130-1600	Clean mud tanks and tear out rig				
1600-0800	Tear out rig , waiting on new loction to be built				
Rig released @ 1600 hrs January 22, 1999					
				CUT(-) / FILL(+)	
				GR. ELEV. (Corrected)	273.10
				KB - GROUND:	5.15
				ACTUAL KB:	278.25
				REPORT TO:	Wayne Tomm
WEATHER/TEMP	Clear -24	RD/LEASE	Firm	LAST BOP DRILL DL	12-Jan
SUPERVISOR	Dave Wilson	MOBILE	1-600-700-5042	LAST BOP DRILL AN	13-Jan
RIG MANAGER	Greg Beller	MOBILE		LAST BOP DRILL MN	
CONTRACTOR	Precision 379	DAILY COST	\$25,220	CUM. COST	\$1,966,895

DAVE WILSON OILFIELD CONSULTING LTD.
DAILY DRILLING REPORT

WELL	Para et al Netla M-23			REPORT #	38	DATE	22-Jan-99
DEPTH	2280	PROGRESS		OPERATION	800	Tear out Rig	

DRILLING FLUID / SOLIDS CONTROL

TYPE	Oil Base	TIME CHK	200	ENGINEER	Jody Kereliuk	MOBILE	
LOG BOOK		CHECK	mg/L		ADDITIVES		
DENSITY			SALINITY		MILBAR		MUD GRAD. (KPA/M)
VISCOSITY			CHLORIDES		DIESEL		CYCLE MAIN HOLE(MIN)
W.L.			CALCIUM		Floor Dry		BOTTOMS UP (MIN)
pH			Vol. Frac.		OILGEL3000		PUMP (M3/STROKE)
F.C.			SAND		Ca.Chl. Fines		MUD TANKS (M3)
FANN 600			SOLIDS		LIME		MAIN HOLE (M3)
FANN 300				UF/OF	SAWDUST		TOTAL (M3)
P.V.			OIL %		DFE_418		WATER LOADS ON LOC.
Y.P.			WATER %		CARBOTEC		DAILY MUD COST
GELS 1/10			CNTFGE		MUD LOSSES	36 m3	MUD COST TO DATE \$171,778

BIT DATA

TIME BREAKDOWN

NO.		BIT NO.		DRILL		MIRU	
SIZE		WEIGHT		TRIP		DRL MH/RH	
TYPE		RPM		RIG SERV		NIPPLE U/D	
SERIAL NO		STRING WT		SURVEY		PT BOP'S	
JETS		SPM		CIRCULATE		DRILL OUT	
FROM		M3/MIN		LOG		S&C LINE	
TO		PRESSURE		TEST		RIG REPAIR	
BIT METERS		DP VEL		CORE		LD DP/DC'S	
BIT HOURS		DC VEL		REAM		W.O. Orders	
BIT ROP		NOZ VEL		CTB		SFTY MTG	
CUM HOURS		PUMP		CASING		BOP DRILL	
CONDITION		TYPE	PZ-8	CEMENT		W.O. T.Tools	
PULLED FOR		LINER/STK	203 x 114	WOC		TOTAL	

SURVEYS

BOTTOM HOLE ASSEMBLY

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION	
1986	1.5	2203	2.5			
2085	2.75	2271	2.5			
213	3.75					
2163	3.5					LENGTH

REMARKS & GENERAL REPORT DETAILS

0800-0900	Finished tripping in to 2277 m
0900-0930	Circulated hole clean
0930-1100	Displaced hole to water
1100-1300	Rigged in Nowsco, Pumped 2m3 H2o ahead, cemented w / 5.2 tonne Thermo / 40 F + .4 % R-6, .3 % D-24 & .5 % T-10 added Plug # 1 from 2277 m to 2086 m
1300-1400	Pulled 21 singles, Reversed out cement in pipe
1330-1445	Ran Stage #1 from 2086 m to 1836 m, cemented w / 6.8 tonne Thermo / 40 F + .4 % R-6 .3 % D-24 .5 % T-10 added
1445-1530	Pulled out to 1823 m,
1530-1630	Logged plug # 1 from 1836 m to 1926 m with Baker Atlas
1630-1700	Reversed circulated from 1823 m
1700-2215	Layed down drill pipe
2215-0800	Tear out rig, prepare to install well head

	CUT(-) / FILL(+)	
	GR. ELEV. (Corrected)	273.10
	KB - GROUND:	5.15
	ACTUAL KB:	278.25
	REPORT TO:	Wayne Tomm

WEATHER/TEMP	Snowing -15	RD/LEASE	Firm	LAST BOP DRILL DL	12-Jan
SUPERVISOR	Dave Wilson	MOBILE	1-600-700-5042	LAST BOP DRILL AN	13-Jan
RIG MANAGER	Greg Beller	MOBILE		LAST BOP DRILL MN	
CONTRACTOR	Precision 379	DAILY COST	\$74,613	CUM. COST	\$1,941,675

DAVE WILSON OILFIELD CONSULTING LTD.
DAILY DRILLING REPORT

WELL	Para et al Netla M-23			REPORT #	37	DATE	21-Jan-99
DEPTH	2280	PROGRESS		OPERATION	800	Tripping in open ended to run plug # 1	

DRILLING FLUID / SOLIDS CONTROL

TYPE	Oil Base	TIME CHK	200	ENGINEER	Jody Kereliuk	MOBILE	
LOG BOOK		CHECK	mg/L		ADDITIVES		
DENSITY		1020	SALINITY		MILBAR		MUD GRAD. (KPA/M) 9.60
VISCOSITY		45	CHLORIDES	212000	DIESEL		CYCLE MAIN HOLE(MIN) 135
W.L.			CALCIUM	118400	Floor Dry		BOTTOMS UP (MIN) 38
pH			Vol. Frac.		OILGEL3000		PUMP (M3/STROKE) 0.0056
F.C.		2	SAND	0.005	Ca.Chl. Fines		MUD TANKS (M3) 47
FANN 600		28	SOLIDS	11.4	LIME		MAIN HOLE (M3) 40
FANN 300		16		UF/OF	SAWDUST		TOTAL (M3) 87
P.V.		12	OIL %	85	DFE_418		WATER LOADS ON LOC.
Y.P.		1.92	WATER %	15	CARBOTEC		DAILY MUD COST
GELS 1/10		1.5/2.5	CNTFGE		CA. CARB.		MUD COST TO DATE \$142,597

BIT DATA

TIME BREAKDOWN

NO.	RR-3B		BIT NO.	RR-3B		DRILL		MIRU	
SIZE	156		WEIGHT			TRIP	16.25	DRL MH/RH	
TYPE	F-3		RPM			RIG SERV	0.75	NIPPLE U/D	
SERIAL NO			STRING WT	45,000		SURVEY		PT BOP'S	
JETS	3 x 16		SPM			CIRCULATE	2.25	DRILL OUT	
FROM	C		M3/MIN			LOG		S&C LINE	
TO	I		PRESSURE			TEST		RIG REPAIR	
BIT METERS	e		DP VEL			CORE		LD DP/DC'S	
BIT HOURS	a		DC VEL			REAM		W.O. Orders	
BIT ROP	n		NOZ VEL			CTB	4.75	SFTY MTG	
CUM HOURS	o		PUMP			CASING		BOP DRILL	
CONDITION	u		TYPE	PZ-8		CEMENT		W.O. T.Tools	
PULLED FOR	t		LINER/STK	203 x 114		WOC		TOTAL	24.00

SURVEYS

BOTTOM HOLE ASSEMBLY

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION	
1986	1.5	2203	2.5			
2085	2.75	2271	2.5			
213	3.75					
2163	3.5					LENGTH

REMARKS & GENERAL REPORT DETAILS

0800-0845	Drop bar and reverse circulate out salt water from DST #3 { Total fluid = 830 m, 40m-drlg mud, 790 m Salt water }
0845-1330	Tripped out and layed down test tools
1330-1815	Tripped in hole with 156 mm bit to 2069 MKB
1815-2300	Pushed 3 Paccker rubbers to bottom from 2081 m to 2279 m
2300-0045	Circulated hole clean
0045-0500	Tripped out to run plug # 1 { Layed down drill collars }
0500-0800	Trip in open ended to run cement plug # 1

				CUT(-) / FILL(+)	
				GR. ELEV. (Corrected)	273.10
				KB - GROUND:	5.15
				ACTUAL KB:	278.25
				REPORT TO:	Wayne Tomm
WEATHER/TEMP	Snowing -15	RD/LEASE	Firm	LAST BOP DRILL DL	12-Jan
SUPERVISOR	Dave Wilson	MOBILE	1-600-700-5042	LAST BOP DRILL AN	13-Jan
RIG MANAGER	Greg Beller	MOBILE		LAST BOP DRILL MN	
CONTRACTOR	Precision 379	DAILY COST	\$48,998	CUM. COST	\$1,867,062

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DAVE WILSON OILFIELD CONSULTING LTD. DAILY DRILLING REPORT

WELL	Para et al Netia M-23		REPORT #	35	DATE	19-Jan-99
DEPTH	2280	PROGRESS	OPERATION	800	Waiting on Test Tools From Ft St John	

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		45	CHLORIDES	212000	DIESEL	CYCLE MAIN HOLE(MIN)	135
W.L.			CALCIUM	118400	Floor Dry	BOTTOMS UP (MIN)	38
pH			Vol. Frac.	OILGEL3000		PUMP (M3/STROKE)	0.0056
F.C.		2	SAND	0.005	Ca.Chl. Fines	MUD TANKS (M3)	47
FANN 600		28	SOLIDS	11.4	LIME	MAIN HOLE (M3)	40
FANN 300		16		UF/OF	SAWDUST	TOTAL (M3)	87
P.V.		12	OIL %	85	DPE 418	WATER LOADS ON LOC.	
Y.P.		1.92	WATER %	15	CARBOTEC	DAILY MUD COST	
GELS 1/10		1.5/2.5	CNTFGE		CA. CARB.	MUD COST TO DATE	\$142.597

BIT DATA

TIME BREAKDOWN

NO.	RR-3B	BIT NO.	RR-3B	DRILL		MIRU	
SIZE	156	WEIGHT		TRIP	19.75	DRL MHR/RH	
TYPE	F-3	RPM		RIG SERV	0.50	NIPPLE U/D	
SERIAL NO		STRING WT	45.000	SURVEY		PT BOP'S	
JETS	3 x 16	SPM		CIRCULATE		DRILL OUT	
FROM	C	M3/MIN		LOG		S&C LINE	
TO	I	PRESSURE		TEST	1.00	RIG REPAIR	
BIT METERS	e	DP VEL		CORE		LD DP/DC'S	
BIT HOURS	a	DC VEL		REAM		W.O. Orders	
BIT ROP	n	NOZ VEL		CTB		SFTY MTG	
CUM HOURS	o		PUMP	CASING		BOP DRILL	
CONDITION	u	TYPE	PZ-8	CEMENT		W.O. T.Tools	2.75
PULLED FOR	t	LINER/STK	203 x 114	WOC		TOTAL	24.00

SURVEYS

BOTTOM HOLE ASSEMBLY

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION	
1986	1.5	2203	2.5			
2085	2.75	2271	2.5			
213	3.75					
2163	3.5					LENGTH

REMARKS & GENERAL REPORT DETAILS

0800-1315	Trip out for plugged jets in bit
1315-2100	Pick up and trip in with Baker Oil Tools Inflate strattle packer
2100-2200	Tried to Inflate packers with no success
2200-0300	Tripped out , found top packer had ruptured
0300-0500	Break down and service Test Tools
0500-0800	Wait on packer rubbers from Ft. St. John

		GUT(-) / FILL(+)	
		GR. ELEV. (Corrected)	273.10
		KB - GROUND:	5.15
		ACTUAL KB:	278.25
		REPORT TO:	Wayne Tomm
WEATHER/TEMP	Snowing -15	RD/LEASE	Firm
SUPERVISOR	Dave Wilson	MOBILE	1-600-700-5042
RIG MANAGER	Greg Beller	MOBILE	
CONTRACTOR	Precision 379	DAILY COST	\$22,320
		CUM COST	\$1,764,679
		LAST BOP DRILL DL	12-Jan
		LAST BOP DRILL AN	13-Jan
		LAST BOP DRILL MN	

DAVE WILSON OILFIELD CONSULTING LTD
DAILY DRILLING REPORT

WELL	Para et al Netla M-23				REPORT #	34	DATE	18-Jan-99
DEPTH	2280	PROGRESS		OPERATION	800	Clean out trip		

DRILLING FLUID / SOLIDS CONTROL

TYPE	Oil Base	TIME CHK	200	ENGINEER	Jody Kereliuk	MOBILE		
LOG BOOK		CHECK	mg/L		ADDITIVES			
DENSITY		1020	SALINITY		MILBAR		MUD GRAD. (KPA/M)	9.60
VISCOSITY		45	CHLORIDES	212000	DIESEL		CYCLE MAIN HOLE(MIN)	135
W.L.			CALCIUM	118400	Floor Dry		BOTTOMS UP (MIN)	38
pH				Vol. Frac.	OILGEL3000		PUMP (M3/STROKE)	0.0056
F.C.		2	SAND	0.005	Ca.Chl. Fines		MUD TANKS (M3)	47
FANN 600		28	SOLIDS	11.4	LIME		MAIN HOLE (M3)	40
FANN 300		16		UF/OF	SAWDUST		TOTAL (M3)	87
P.V.		12	OIL %	85	DFE_418		WATER LOADS ON LOC.	
Y.P.		1.92	WATER %	15	CARBOTEC		DAILY MUD COST	
GELS 1/10		1.5/2.5	CNTFGE		CA. CARB.		MUD COST TO DATE	\$142,597

BIT DATA

TIME BREAKDOWN

NO.	RR-3B		BIT NO.	RR-3B		DRILL		MIRU	
SIZE	156		WEIGHT			TRIP	12.00	DRL MH/RH	
TYPE	F-3		RPM			RIG SERV	0.25	NIPPLE U/D	
SERIAL NO			STRING WT	45,000		SURVEY		PT BOP'S	
JETS	3 x 16		SPM			CIRCULATE		DRILL OUT	
FROM	C		M3/MIN			LOG		S&C LINE	
TO	I		PRESSURE			TEST	7.50	RIG REPAIR	
BIT METERS	e		DP VEL			CORE		LD DP/DC'S	
BIT HOURS	a		DC VEL			REAM		W.O. Orders	
BIT ROP	n		NOZ VEL			CTB	2.00	SFTY MTG	
CUM HOURS	o		PUMP			CASING		BOP DRILL	
CONDITION	u		TYPE	PZ-8		CEMENT		L.D. Test Tool	2.25
PULLED FOR	t		LINER/STK	203 x 114		WOC		TOTAL	24.00

SURVEYS

BOTTOM HOLE ASSEMBLY

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION		
1986	1.5	2203	2.5				
2085	2.75	2271	2.5				
213	3.75						
2163	3.5					LENGTH	

REMARKS & GENERAL REPORT DETAILS

0800-1000	Tripped in with DST # 1				
1000-2230	Ran DST # 1 { Lost both packer rubbers in hole }				
2230-0145	Serviced and layed down Test Tools				
0145-0600	Tripped in with bit				
0600-0800	Clean to 2105 m				
				CUT(-) / FILL(+)	
				GR. ELEV. (Corrected)	273.10
				KB - GROUND:	5.15
				ACTUAL KB:	278.25
				REPORT TO:	Wayne Tomm
WEATHER/TEMP	Overcast -15	RD/LEASE	Firm	LAST BOP DRILL DL	12-Jan
SUPERVISOR	Dave Wilson	MOBILE	1-600-700-5042	LAST BOP DRILL AN	13-Jan
RIG MANAGER	Greg Beller	MOBILE		LAST BOP DRILL MN	
CONTRACTOR	Precision 379	DAILY COST	\$22,875	CUM. COST	\$1,742,359