

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		RIG NO. 55 FUEL @ 08:00 HRS RIG 128 BOILER TEMPERATURE -19 CONDITIONS WIND DIRECTION ROAD CONDITION ICE	
OPERATOR. : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A..O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked		TI TI TA TA TA	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :					
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)					

rig in wire line

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve		
																			NO.	TYPE DFTS		TYPE		CAMP													
																			CHANGE SCREENS			Y S	N	LOADER													
	DC . DP SIZE		KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		TOP 115		TOP 120		CREW VEHICLE												
	102		20.83		E		85		102		4 FH		230		EMSCO		F800		229		MIDDLE 115		MIDDLE 120														
	102		41.64		HEVI W		65		102		4 FH		30		EMSCO		F800		229		BOTTOM 80		BOTTOM 115		PENLESS RECORDER												
	166		89.00		DC		76		165		4.5X.H		18																								
CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL										
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																
MORN						1.50	0.25				3.50				0.50								6.25			12.00											
DAY						9.75	0.25				1.50										0.50					12.00											
EVE																																					
TOTAL						11.25	0.50				5.00				0.50								6.25			24.00											

DRILLING ASSEMBLY (AT END OF TOUR)				BIT RECORD				MUD RECORD				METERS DRILLED				TIME LOG				TIME DETAIL			
NO.	BIT/ MILLS	O.D.mm	0.20 m	BIT NO.				WATER BASED	X	OIL BASED				FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE	
1	BIT SUB		1.06 m	SIZE (mm)	156.0			TIME	200										0	130	1.50	6	HOIST DRILL STRING FROM 725 TO 0 M. 112.5 m3 pumped in well
26	H.W.D.P.		238.29 m	IADC CODE	5	3	7	DENSITY kg/m3	1010										130	145	0.25	7	RIG SERVICE / FUNTION BLIND RAMS
				FUNNEL VIS s/l	28														145	800	6.25	23	RIG IN LUB .HEAD/ PRESSURE TEST /RUN GAUGE RING 4000/10 MIN.
				MFG.	SMITH			W.L. cm/ FILCK						Circ. Press (kPa)	PUMP NO. 1	PUMP NO. 2			800	1030	2.50	11	WIRE LINE LOGS RUN AND SET PACKER 2012 METER
				Type	XR 38T			PH							LINER(mm)	SPM	LINER(mm)	SPM	1030	1100	0.50	15	PRESSURE TEST LUB. HEAD TO17000 KPA 10 MIN.
				SERIAL NO.	NK4 286										152.0		152.0		1100	1200	1.00	11	WIRE LINE LOGS , BOND LOG
				JETS (mm)	15.15.15.1			MUD MATERIALS USED					2150	@	58	@			1200				
				DEPTH IN (m)	2035.00			TYPE		QTY	UNITS	SOLIDS CONTROL EQUIPMENT											
				DEPTH OUT (m)	2078.00			DESILTER															
				TOTAL METER	43.00			HOURS	INTAKE	OVERFLOW	UNDERFLOW	CENTRIFUGE											
				TOTAL HOURS	10.00			HOURS	INTAKE	OVERFLOW	UNDERFLOW												
95	DRILLPIPE STANDS	1827.52m						DEVIATION SURVEY															
	DRILLPIPE SINGLES							DEPTH (m)	DEVIATION	DIRECTION													
	KELLY DOWN	10.93						BOILER PH STACK deg											Notes: CROWN SAVER CHECKED BRAKE LINKAGE CHECKED DEAD LINE ANCHOR CHECKED				
	TOTAL	2078.00						HRS. RUN											BOILER BLOWN 3@15 SEC. TOTAL FLUID PUMPED INTO WELL WHILE TRIPPING				
	WT. OF D.C.	15						MACP											M.J. 2871 TOTAL MJ. 143926 LL 1330 M. TOTAL FLUID PUMPED WHILE WIR				
	WT. OF STRING	43						MAX HOOKLOAD											330 m3 — H2O				
DRILLERS SIGNATURE				DARRELL LAPLANTE																			

LICENCE NO. :	WELL NAME AND NO. : ANADARKO NETLA A-68	(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	RIG NO. : 55 FUEL @ 08:00 HRS. RIG 128 BOILER
OPERATOR. : ANADARKO CANADA ENERGY	CONTRACTOR : AKITA DRILLING LTD.	(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A..O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	WEATHER TEMPERATURE -19 CONDITIONS WIND DIRECTION ROAD CONDITION ICE
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E	UNIQUE I.D. :		
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)	CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		

LAYOUT DRILL PIPE

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve		
																			NO.	TYPE DFTS		TYPE		CAMP													
																			CHANGE SCREENS			Y/N	NO	LOADER													
																									CREW VEHICLE												
																									PENLESS RECORDER												
DC. DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		TOP 115		TOP 120															
102		20.83		E		85		102		4 FH		230		EMSCO		F800		229		MIDDLE 115		MIDDLE 120															
102		41.64		HEVI W		65		102		4 FH		30		EMSCO		F800		229		BOTTOM 80		BOTTOM 115															
166		89.00		DC		76		165		4.5X.H		18																									
CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL										
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	HI PPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																
MORN						1.50	0.25				3.50				0.50								6.25			12.00											
DAY						9.75	0.25				1.50									0.50						12.00											
EVE																																					
TOTAL						11.25	0.50				5.00				0.50						0.50		6.25			24.00											

DRILLING ASSEMBLY (AT END OF TOUR)										BIT RECORD										MUD RECORD										METERS DRILLED										TIME LOG										TIME DETAIL																			
1	BIT/ MILLS		O. D. mm		0.20		m		BIT NO.						WATER BASED				OIL BASED				FROM		TO		DRILL/ REAM/CR		ROTARY R.P.M.		WT. ON BIT		FROM		TO		ELAPSED TIME		CODE																														
1	BIT SUB				1.06		m		SIZE (mm)		156.0				TIME																		1200		1330		1.50		11		WIRE LINE LOGS , BOND LOG ,RIG OUT																												
26	H.W.D.P.				238.29		m		IADC CODE		5 3 7				DENSITY kg/m3																		1330		1645		3.25		6		INSTALL FLOW TEE, FLOW LINE, R.I.H TO LAY OUT PIPE																												
							m		MFG.		SMITH				FUNNEL VIS s/l																		1645		1700		0.25		21		SAFETY MTG.																												
							m		Type		XR 38T				W.L. cm/ FILCK																		1700		1945		2.75		6		LAY OUT DRILL PIPE																												
							m		SERIAL NO.		NK4 286				PH																		1945		2000		0.25		21		SAFETY MTG.																												
							m		JETS (mm)		15.5 15.5 15.5																						2000		2345		3.75		6		LAY DOWN DRILL STRING																												
							m		DEPTH IN (m)		2035.00																																																										
							m		DEPTH OUT (m)		2078.00																																																										
							m		TOTAL METER		43.00																																																										
95	DRILLPIPE		STANDS		1827.52		m		TOTAL HOURS		10.00																																																										
	DRILLPIPE		SINGLES				m		INNER																																																												
	KELLY DOWN		10.93				m		OUTER																																																												
	TOTAL		2078.00				m		LOCATION																																																												
	WT. OF D.C.		15				1000 dan		BEARINGS																																																												
	WT. OF STRING		43				1000 dan		GAGE/mm																																																												
DRILLERS SIGNATURE										KEVIN BERGSON																				HRS RUN										BOILER PH										STACK deg										Notes: CHECK CROWN SAVER AND BRAKES									
																														12.00										10.5										370										BLEW DOWN BOILER 3 TIMES									
																														MACP																																							
																														MAX HOOKLOAD										43																													

EXTRA DAY SHIFT

LICENCE NO. :

WELL NAME AND NO. :

ANADARKO NETLA A-68

OPERATOR :

ANADARKO CANADA ENERGY

SURFACE LOCATION :

60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :

AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Performed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines

Opr.

R.M.

YEAR 2002

MONTH 3

DAY 16

RIG NO.:

55

FUEL @ 08:00 HRS.

RIG

BOILER

WEATHER

TEMPERATURE

CONDITIONS

WIND DIRECTION

ROAD CONDITION

(1) Rig Site Health and Safety Meeting (one/crew/month)
(2) C.A..O.D.C. Rig Safety Inspection Checklist(one/rig/month)
(3) Mast Inspection Before Raising or Lowering
(4) Crown Saver Checked
(5) Motor Kills Checked

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve		
																			NO.	TYPE		TYPE															
																			CHANGE SCREENS				YES NO														
DC . DP SIZE		KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		TOP		TOP															
																				MIDDLE		MIDDLE															
																				BOTTOM		BOTTOM															
CODE NO.:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL									
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																
MORN																																					
DAY																																					
EVE																																					
TOTAL																																					

NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

BIT / MILLS

O.D.mm

m

BIT NO.

WATER BASED

OIL BASED

FROM

TO

DRILL/ REAM/CR.

ROTARY R.P.M.

WT. ON BIT

FROM

TO

ELAPSED TIME

CODE

SIZE (mm)

m

DENSITY kg/m3

FUNNEL VIS s/l

W.L. cm/ FILCK

PH

Circ. Press (kPa)

PUMP NO. 1

PUMP NO. 2

REDUCED PUMP SPEED

SOLIDS CONTROL EQUIPMENT

DESILTER

CENTRIFUGE

DEVIATION SURVEY

BOILER

MACP

MAX HOOKLOAD

IADC CODE

MFG.

Type

SERIAL NO.

JETS (mm)

DEPTH IN (m)

DEPTH OUT (m)

TOTAL METER

TOTAL HOURS

DRILLPIPE STANDS

DRILLPIPE SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

DRILLERS SIGNATURE

DRILL

LOCATION

BEARINGS

GAGE/mm

OTHER

REASON

R.O.P.

DEPTH (m)

DEVIATION

DIRECTION

HRS. RUN

PH

STACK deg

AKITA 55 RIG CHARGE TO AFE # 0144001 0001 MARCH 17/02

Notes:

DRILLING CREW PAYROLL DATA									
WELL NAME & NO.						YEAR	MONTH	DAY	
ANADARKO NETLA A-68						2002	3	16	
OPERATOR					CONTRACTOR				
ANADARKO CANADA ENERGY					AKITA DRILLING LTD.				
RIG MANAGER							RIG NO.		
TONY IRWIN							55		
PROVINCE					CAMP	☒ YES	☐ NO	RIG SAFETY DAYS	
N.W.T.								2157	
EVENING TOUR		FROM	0	TO	1200			INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		DARRELL LAPLANTE			12.00			DL	
DERRICK HAND		CLINTON GALLIFORD			12.00			CG	
MOTOR HAND		JOHN WIPF			12.00			JW	
FLOOR HAND		WYATT Boucher			12.00			WB	
FLOOR HAND		JONAHTON CARLICK			12.00			JC	
LEASE HAND		TOM STEWART			12.00			TS	
RATE SCHEDULE		X	REGULAR		REPAIR		INVERT		
		CREW SAFETY DAYS							
		26							
DAY TOUR		FROM	1200	TO	2400			INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		KEVIN BERGSON			12.00			KB	
wellsite cor		Graeme McWha			12.00			GM	
DERRICK HAND		MIKE BARANIUK			12.00			MB	
MOTOR HAND		ANDY ALBERT			12.00			AA	
FLOOR HAND		JIM NEMETH			12.00			JN	
FLOOR HAND		PETER MANWART			12.00			PM	
LEASE HAND		DARREN HAZENBERG			12.00			DH	
RATE SCHEDULE		X	REGULAR		REPAIR		INVERT		
		CREW SAFETY DAYS							
		1							

EVENING SHIFT

LICENCE NO.:	WELL NAME AND NO.:	ANADARKO NETLA A-68	
OPERATOR:	ANADARKO CANADA ENERGY	CONTRACTOR:	AKITA DRILLING LTD.
SURFACE LOCATION:	60:47:07.40 N 122:41:38.90 E		UNIQUE I.D.:
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)	

Opr.	R.M.	YEAR 2002	MONTH 3	DAY 15
JE	TI	RIG NO.: 55		
JE	TI	FUEL @ 08:00 HRS.		
JE	TI	RIG 184	BOILER 53	
JE	TI	TEMPERATURE -18		
JE	TI	CONDITIONS SNOWING		
JE	TI	WIND DIRECTION NORTH		
JE	TI	ROAD CONDITION ICE		

(1) Daily Walk Around Inspection
 (2) Detailed Inspection-Weekly (Using Check List)
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 (2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month)
 (3) Mast Inspection Before Raising or Lowering
 (4) Crown Saver Checked
 (5) Motor Kills Checked

JIM ELLIOTT	TONY IRWIN	SAFETY TOPIC	LOADER OPERATION
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LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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DC. DP SIZE		KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	BIT RECORD	MUD RECORD	METERS DRILLED	TIME LOG	TIME DETAIL																							
1	BIT / MILLS	O.D. mm	0.20	BIT NO.			WATER BASED	OIL BASED	FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE												
1	BIT SUB		1.06	SIZE (mm)	156.0		TIME		2060.00	2078.00	D	60	6	0	115	1.25	5	MONITOR WELL lost RETURNS AT 2052M.											
26	H.W.D.P.		238.29				DENSITY kg/m3							115	130	0.25	5	PUMP PILL #19 2.5m3 and case with 700 strks											
				ADC CODE	5 3 7		FUNNEL VIS s/l							130	215	0.75	5	COND MUD AND BUILD VOLUME											
				MFG.	SMITH		W.L. cm/ FILCK							215	530	3.25	3	SLOWLY WASH TO BOTTOM 2060 M. MONITORING RETURNS											
				Type	XR 38T		PH							530	545	0.25	7	RIG SERVICE FUNTION ANNULAR											
				SERIAL NO.	NK4 286									545	615	0.50	2	FLOW CHECK AND DRILL FROM 2060 TO 2061M.											
				JETS (mm)	15.115.115									615	730	1.25	5	MONITOR WELL AND MIX PILL #20											
				DEPTH IN (m)	2035.00									730	1100	3.50	2	DRILL FROM 2061 TO 2078m											
				DEPTH OUT (m)	2078.00									1100	1145	0.75	5	COND MUD ,pump pill, mix pill											
				TOTAL METER	43.00									1145	1200	0.25	7	RIG SERVICE function remote choke											
				TOTAL HOURS	10.00																								
95	DRILLPIPE STANDS	1827.52m																											
	DRILLPIPE SINGLES																												
	KELLY DOWN	10.93																											
	TOTAL	2078.00																											
	WT. OF D.C.	15	1000	DRAG dan	4 DOWN 10/																								
	WT. OF STRING	43	1000	TORQUE	400																								
				FILL m																									
DRILLERS SIGNATURE DARRELL LAPLANTE										MACP 3661										MAX HOOKLOAD 56									



Notes: CROWN SAVER CHECKED BRAKELINKAGE CHECKED
 MJ. 1988 MJ TOTAL 143043 LL 1330

DAY SHIFT

LICENCE NO. :

OPERATOR :
ANADARKO CANADA ENERGY

SURFACE LOCATION :
60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

WELL NAME AND NO. :
ANADARKO NETLA A-68

CONTRACTOR :
AKITA DRILLING LTD.

UNIQUE I.D. :
JIM ELLIOTT

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

TONY IRWIN

(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Slaked
(6) BOP Drills Performed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines

Opr.
JE
JE
JE
JE
JE
JE
JE

R.M.
TI
TI
TI
TI
TI
TI

YEAR 2002
MONTH 3
DAY 15

RIG NO.:
55

FUEL @ 08:00 HRS.

RIG 184
BOILER 53

TEMPERATURE -18

CONDITIONS SNOWING

WIND DIRECTION NORTH

ROAD CONDITION ICE

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve.
																			NO.		TYPE														
																			DFTS		TYPE														
																							CENTRIFUGE												
																			CHANGE SCREENS		YES		LOADER												
																			TOP		115		CREW VEHICLE												
																			MIDDLE		115		CATCH TANKS												
																			BOTTOM		80		PENLESS RECORDER												
DC. DP SIZE	KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.																		
102	20.83		E		85		102		4 FH		230		EMSCO		F800		229																		
102	41.64		HEVI W		65		102		4 FH		30		EMSCO		F800		229																		
166	89.00		DC		76		165		4.5X H		18																								
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL								
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CRIC.	TRIPS	RIG SERVICE	REPAIR/RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING														
MORN		4.00	3.25		4.25		0.50																										12.00		
DAY					8.50	3.25	0.25																										12.00		
EVE																																			
TOTAL		4.00	3.25		12.75	3.25	0.75																											24.00	

NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

1 BIT/MILLS O.D.mm 0.20 m

1 BJT SUB 1.06 m

26 H.W.D.P. 238.29 m

95 DRILLPIPE STANDS 1827.52m

DRILLPIPE SINGLES m

KELLY DOWN 10.93 m

TOTAL 2078.00 m

WT. OF D.C. 15 1000 dan

WT. OF STRING 43 1000 dan

DRILLERS SIGNATURE KEVIN BERGSON

BIT NO.

SIZE (mm) 156.0

ADC CODE 5 3 7

MFG. SMITH

Type XR 38T

SERIAL NO. NK4 286

JETS (mm) 15.115.115.1

DEPTH IN (m) 2035.00

DEPTH OUT (m) 2078.00

TOTAL METER 43.00

TOTAL HOURS 10.00

INNER

OUTER

DULL

LOCATION

BEARINGS

GAGE(m)

OTHER

REASON

R.O.P.

WATER BASED

OIL BASED

TIME

DENSITY kg/m3

FUNNEL VIS s/l

W.L. cm/ FILCK

PH

MUD MATERIALS USED

TYPE

QTY

UNITS

DEPTH (m)

DEVIATION

DIRECTION

DEVIATION SURVEY

FROM

TO

DRILL/ REAM/CR.

ROTARY R.P.M.

WT. ON BIT

Circ. Press (kPa)

PUMP NO. 1 LINER(mm) SPM

PUMP NO. 2 LINER(mm) SPM

REDUCED PUMP SPEED

@ 60

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS

INTAKE

OVERFLOW

UNDERFLOW

CENTRIFUGE

HOURS

INTAKE

OVERFLOW

UNDERFLOW

HOURS

INTAKE

OVERFLOW

UNDERFLOW

BOILER

HRS. RUN

PH

STACK deg

MACP

3661

MAX HOOKLOAD 53

FROM

TO

ELAPSED TIME

CODE

MIX PILL, PUMP PILL,CLEAN TANKS

1200 1515 3.25 5

1515 1530 0.25 6

1530 1915 3.75 5

1915 1930 0.25 7

1930 2100 1.50 5

2100 2400 3.00 6

2100 @ 60

HOIST DRILL STRING FROM 2003 M. TO 725 M

Notes: CHECK CROWN SAVER AND BRAKES

cleaned and prepared boiler #1 for shut down

DRILLING CREW PAYROLL DATA									
WELL NAME & NO. ANADARKO NETLA A-68					YEAR 2002	MONTH 3	DAY 15		
OPERATOR ANADARKO CANADA ENERGY				CONTRACTOR AKITA DRILLING LTD.					
RIG MANAGER TONY IRWIN						RIG NO. 55			
PROVINCE N.W.T.				CAMP ☒ YES ☐ NO			RIG SAFETY DAYS 2156		
EVENING TOUR		FROM	0		TO	1200		INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		DARRELL LAPLANTE			12.00			DL	
DERRICK HAND		CLINTON GALLIFORD			12.00			CG	
MOTOR HAND		JOHN WIPF			12.00			JW	
FLOOR HAND		WYATT Boucher			12.00			WB	
FLOOR HAND		JONAHTON CARLICK			12.00			JC	
LEASE HAND		TOM STEWART			12.00			TS	
RATE SCHEDULE		X		REGULAR		REPAIR		INVERT	
		CREW SAFETY DAYS							
		25							
DAY TOUR		FROM	1200		TO	2400		INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		KEVIN BERGSON			12.00			KB	
wellsite cor		Graeme McWha			12.00			GM	
DERRICK HAND		MIKE BARANIUK			12.00			MB	
MOTOR HAND		ANDY ALBERT			12.00			AA	
FLOOR HAND		JIM NEMETH			12.00			JN	
FLOOR HAND		PETER MANWART			12.00			PM	
LEASE HAND		DARREN HAZENBERG			12.00			DH	
RATE SCHEDULE		X		REGULAR		REPAIR		INVERT	
		CREW SAFETY DAYS							

EVENING SHIFT

LICENCE NO. :
WELL NAME AND NO. :
ANADARKO NETLA A-68

OPERATOR :
ANADARKO CANADA ENERGY

CONTRACTOR :
AKITA DRILLING LTD.

SURFACE LOCATION :
60:47:07.40 N 122:41:38.90 E

UNIQUE I.D. :

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Performed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines
(1) Rig Site Health and Safety Meeting (one/crew/month)
(2) C.A.O.D.C. Rig Safety Inspection Checklist(one/rig/month)
(3) Mast Inspection Before Raising or Lowering
(4) Crown Saver Checked
(5) Motor Kills Checked

Opr
JE
JE
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JE

R.M
TJ
TJ
TJ
TJ
TJ
TJ

YEAR 2002 MONTH 3 DAY 14
RIG NO.: 55
FUEL @ 08:00 HRS
RIG 95 BOILER 63
TEMPERATURE -27
CONDITIONS
WIND DIRECTION
ROAD CONDITION ICE

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

JIM ELLIOTT										TONY IRWIN										SAFETY TOPIC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

1 BIT/MILLS O.D.mm 0.20 m

1 BIT SUB 1.06 m

26 H.W.D.P. 238.29 m

BIT NO.

SIZE (mm) 156.0

IADC CODE 5 3 7

MFG. SMITH

Type XR 38T

SERIAL NO. NK4 286

JETS (mm) 15.5 15.5

DEPTH IN (m) 2035.00

DEPTH OUT (m)

TOTAL METER 25.00

TOTAL HOURS 6.00

94 DRILLPIPE STANDS 1808.34m

DRILLPIPE SINGLES

KELLY DOWN 12.21 m

TOTAL 2060.10 m

WT. OF D.C. 15 1000 DAN

WT. OF STRING 43 1000 DAN

DRILLERS SIGNATURE DAVE RYAN

DRAG dan 14 UP

TORQUE

FILL m

WATER BASED X OIL BASED

TIME

DENSITY kg/m3

FUNNEL VIS s/l

W.L. cm/ FILCK

PH

MUD MATERIALS USED

TYPE QTY UNITS

BIO-LOSE 1 SX

CAL CARB O' 20 SX

CAL CARB 325 20 SX

SOLUFLAKE-FINE 20 SX

SUPER-CAL 20 SX

REDUCED PUMP SPEED

@ @

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS INTAKE OVERFLOW UNDERFLOW

CENTRIFUGE

HOURS INTAKE OVERFLOW UNDERFLOW

DEVIATION SURVEY

DEPTH (m) DEVIATION DIRECTION

BOILER

HRS. RUN PH STACK deg

12.00 10.5 370

MACP 5448

MAX HOOKLOAD 52

FROM TO ELAPSED TIME CODE

0 645 6.75 5 MONITOR WELL

645 700 0.25 5 PUMP 8 m3 PILL

700 845 1.75 5 monitor well

845 900 0.25 5 PUMP PILL #14 12.2m RETURNS 3568 STRKS/4.4 M3

900 1000 1.00 5 MONITOR WELL

1000 1015 0.25 5 PUMP PILL # 15 . 13.25 m3 RETURNS AT 335STRKS /4.2 m3

1015 1100 0.75 5 monitor well

1100 1115 0.25 5 pump pill #16 . 12.5m3 RETURN S AT 240 STRKS / 3 M3

1115 1130 0.25 7 RIG SERVICE

1130 1145 0.25 5 MONITOR WELL

1145 1200 0.25 5 PUMP PILL # 17 . 13.2 M3 RETURNS AT 580 STRKS/ 7.2 m3

1200 TOP FILL VOLUME 00-630 HRS-26 m3

total volume pumped from 6.30 to 12.00 62. M3

Notes: FUNCTIONED CROWN SAVER AND VISUALLY INSPECTED BRAKES

FUNCTIONED ANNULAR PREVENTER,HCR,REMOTE CHOKE

MJ-1905 , TMJ-142960 LL-1330 , KOOM EY-30 CM'S

LICENCE NO. : *		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		RIG NO.: 55 FUEL @ 08:00 HRS. RIG 95 BOILER 63	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A., O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked		WEATHER TEMPERATURE -27 CONDITIONS WIND DIRECTION ROAD CONDITION ICE	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :					
OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)					

[illegible]

DRILLING CREW PAYROLL DATA

WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO NETLA A-68		2002	3	14
OPERATOR		CONTRACTOR		
ANADARKO CANADA ENERGY		AKITA DRILLING LTD.		
RIG MANAGER			RIG NO.	
TONY IRWIN			55	
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	2155		

EVENING TOUR		FROM	0	TO	1200			INJURIES					
CREW	SOC.	INS.	NO.	NAME		HOURS		YES	NO				
DRILLER				DAVE RYAN		8.00			DR				
DERRICK HAND				MIKE BARANIUK		8.00			MB				
MOTOR HAND				Graeme McWha		8.00			GM				
FLOOR HAND				JOHN PAUL		8.00			JP				
FLOOR HAND				MICHAEL SAM		8.00			MS				
LEASE HAND				MOISE PUNCH		8.00			MP				
RATE SCHEDULE		X		REGULAR				REPAIR				INVERT	
				CREW SAFETY DAYS									
				24									
DAY TOUR		FROM	1200	TO	2400			INJURIES					
CREW	SOC.	INS.	NO.	NAME		HOURS		YES	NO				
WELL SITE CORD				LOUIS SIMONKA		8.00			LS				
DRILLER				DARRELL LAPLANTE		8.00			DL				
DERRICK HAND				CLINTON GALLIFORD		8.00			CG				
MOTOR HAND				JOHN WIPF		8.00			JW				
FLOOR HAND				WYATT Boucher		8.00			WB				
FLOOR HAND				JONAHTON CARLICK		8.00			JC				
LEASE HAND				TOM STEWART		8.00			TS				
DRILLER				KEVIN BERGSON		8.00			KB				
WELLSITE COR				Graeme McWha		8.00			GM				
DERRICK HAND				MIKE BARANIUK		8.00			MB				
MOTOR HAND				ANDY ALBERT		8.00			AA				
FLOOR HAND				JIM NEMETH		8.00			JN				
FLOOR HAND				PETER MANWART		8.00			PM				
LEASE HAND				DARREN HAZENBERG		8.00			DH				
RATE SCHEDULE		X		REGULAR				REPAIR				INVERT	
				CREW SAFETY DAYS									
				21									

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Pretormed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Satsety Meeting (one/crew/month) (2) C.A.,O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :			
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)			

E	(1) Daily Walk Around Inspection
	(2) Detailed Inspection-Weekly (Using Check List)
	(3) H2S Signs Posted(If Required)
	(4) Well License & Stick Diagram Posted
	(5) Flare Lines Staked
	(6) BOP Drills Performed
	(7) Visually Inspect BOP's - Flarelines & Degasser Lines
	(1) Rig Site Health and Safety Meeting (one/crew/month)
	(2) C.A..O.D.C. Rig Safety Inspection Checklists(one/rig/month)
	(3) Mast Inspection Before Raising or Lowering
F	(4) Crown Saver Checked
	(5) Motor Kills Checked

Opr.	R.M.	YEAR 2002	MONTH 3	DAY 13
JE	TI	RIG NO.: 55		
JE	TI	FUEL @ 08:00 HRS.		
JE	TI	RIG 120 BOILER 112		
JE	TI	WEATHER		
JE	TI	TEMPERATURE -22		
JE	TI	CONDITIONS		
JE	TI	WIND DIRECTION		
JE	TI	ROAD CONDITION ICE		

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve					
																			NO.	TYPE		TYPE		CENTRIFUGE																
																			DFTS				LOADER																	
																			CHANGE SCREENS			YES	NO	CREW VEHICLE																
																			TOP		115		TOP		120		CATCH TANKS													
																				MIDDLE		115		MIDDLE		120		PENLESS RECORDER												
																				BOTTOM		80		BOTTOM		115														
DC . DP SIZE	KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.																							
102	20.83		E		85		102		4 FH		230		EMSCO		F800		229																							
102	41.64		HEVI W		65		102		4 FH		30		EMSCO		F800		229																							
166	89.00		DC		76		165		4.5X H		18																													
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL													
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	RIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																			
MORN					11.75		0.25																			12.00														
DAY					11.50																	0.50				12.00														
EVE																																								
TOTAL					23.25		0.25															0.50				24.00														

[illegible]

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		RIG NO.: 55 FUEL @ 08:00 HRS. RIG 120 BOILER 112	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A., O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked		WEATHER TEMPERATURE -22 CONDITIONS WIND DIRECTION ROAD CONDITION ICE	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :					
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)					

[illegible]

DRILLING CREW PAYROLL DATA

WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO NETLA A-68		2002	3	13
OPERATOR		CONTRACTOR		
ANADARKO CANADA ENERGY		AKITA DRILLING LTD.		
RIG MANAGER			RIG NO.	
TONY IRWIN			55	
PROVINCE	CAMP	☒ YES	☐ NO	RIG SAFETY DAYS
N.W.T.				2154

[illegible]

RATE SCHEDULE	X	REGULAR		REPAIR		INVERT
		CREW SAFETY DAYS				
		23				

[illegible]

RATE SCHEDULE	X	REGULAR		REPAIR		INVERT
		CREW SAFETY DAYS				
		20				

EVENING SHIFT

LICENCE NO. :

WELL NAME AND NO. :
ANADARKO NETLA A-68

OPERATOR :
ANADARKO CANADA ENERGY

CONTRACTOR :
AKITA DRILLING LTD.

SURFACE LOCATION :
60:47:07.40 N 122:41:38.90 E

UNIQUE I.D. :

OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

(1) Daily Walk Around Inspection

(2) Detailed Inspection-Weekly (Using Check List)

(3) H2S Signs Posted(If Required)

(4) Well License & Stick Diagram Posted

(5) Flare Lines Staked

(6) BOP Drills Performed

(7) Visually Inspect BOP's - Flarelines & Degasser Lines

Opr.

JE

R.M.

TI

YEAR 2002

MONTH 3

DAY 12

RIG NO. 55

FUEL @ 08:00 HRS.

RIG 145

BOILER 170

TI

TEMPERATURE -23

CONDITIONS

TI

WIND DIRECTION

ROAD CONDITION ICE

LAST CASING TUBING OR LINER	O.D. mm	MIN. I.D.	kg/m	MAKE	GRADE	# OF JOINTS	TOTAL (m)	KB TO CSG.	SET AT (m)	SHALE SHAKER(S)			RENTALS / SERVICES												Morn	Day	Eve.	
										NO.	TYPE	TYPE	CENTRIFUGE															
										CHANGE SCREENS			LOADER															
DC. DP SIZE	KG / M	GRADE	MIN.ID	TOOL JT. O.D.	TYPE THREAD	# OF JOINTS	PUMP MANUFACTURER	PUMP TYPE	STROKE LTH.	TOP	115	TOP	120	CREW VEHICLE														
102	20.83	E	85	102	4 FH	230	EMSCO	F800	229	MIDDLE	115	MIDDLE	120	CATCH TANKS														
102	41.64	HEVI W	65	102	4 FH	30	EMSCO	F800	229	BOTTOM	80	BOTTOM	115	PENLESS RECORDER														
166	89.00	DC	76	165	4.5X H	18																						
CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL	
OPER.	RGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRUG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	HPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING							
MORN		4.00			7.75		0.25																				12.00	
DAY		1.50			10.50																						12.00	
EVE																												
TOTAL		5.50			18.25		0.25																				24.00	

NO. DRILLING ASSEMBLY (AT END OF TOUR)			BIT RECORD				MUD RECORD				METERS DRILLED					TIME LOG				TIME DETAIL			
1	BIT / MILLS	O.D. mm	0.20	m	BIT NO.		WATER BASED		X	OIL BASED		FROM	TO	DRILL/REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE			
1	BIT SUB.		1.06	m	SIZE (mm)	156.0	TIME	200	600			2036.00	2047.00	D	45	5	0	115	1.25	2	DRILL-2036-2040		
26	H.W.D.P.		238.29	m			DENSITY	1010	1010			2047.00	2052.50	D	60	5	115	130	0.25	7	RIG SERVICE- FUNCTIONED LOWER PIPE RAMS,7 SECS CLOSE ,7 SECS OP.		
				m	IADC CODE	5 3 7	FUNNEL	38	40								130	315	1.75	2	DRILL- 2040- 2047		
				m	MFG.	SMITH	W.L. cm/	5.0									315	800	4.75	5	COND MUD & CIRC- PULL UP TO 2036, MIX LCM		
				m	Type	XR38T	PH	11.5	11.0								800	830	0.50	5	PUMP LOST CIRCULATION PILL AND CASE WITH 10 m3		
				m	SERIAL NO.	NK4826	pvt	37.40									830	1000	1.50	5	MONITOR WELL TOP UP WITH HOLE FILL		
				m	JETS (mm)	15.15.15.15	MUD MATERIALS USED										1000	1045	0.75	2	DRILL FROM 2047 TO 2050 M.		
				m	DEPTH IN (m)	2035.00	TYPE	QTY	UNITS			SOLIDS CONTROL EQUIPMENT					1045	1115	0.50	5	CIRCULATE UP SAMPLE		
				m	DEPTH OUT (m)	2047.00	BIO-LOSE	19	SX			DESILTER					1115	1130	0.25	2	DRILL FROM 2050 TO 2052.5 M.		
				m	TOTAL METER	12.00	CAL CARB 'O'	64	SX			HOURS	INTAKE	OVERFLOW	UNDERFLOW		1130	1200	0.50	5	CIRCULATE UP SAMPLE		
				m	TOTAL HOURS	4.50	STAELO.	12	SX			CENTRIFUGE					1200						
				m			SOLUFLAKE-FINE	19	SX			HOURS	INTAKE	OVERFLOW	UNDERFLOW								
				m			SOLUFLAKE-MED	19	SX														
				m			CAL CARB 325	23	SX														
93	DRILLPIPE	STANDS	1789.14	m			DEVIATION SURVEY																
1	DRILLPIPE	SINGLES	9.61	m	INNER	OUTER	PULL	LOCATION	BEARINGS	GAGE(mm)	OTHER	REASON	R.O.P.										
	KELLY DOWN	9.51	m				DEPTH (m)	DEVIATION	DIRECTION														
	TOTAL	2047.81	m									BOILER											
	WT. OF D.C.	15	1000	dan	DRAG	dan	15	UP				HRS. RUN	PH	STACK	deg						Notes: FUNCTIONED LOWER PIPE RAMS,7 SECS CLOSE, 7 SECS OPEN		
	WT. OF STRING	43	1000	dan	TORQUE	275						12.00	10.0	360							MJ-1146, TMJ-141828, LL1330		
					FILL	m	0.00					MACP				5448					FUNCTIONED COROWN SAVER AND VISUALLY INSPECTED BRAKES		
	DRILLERS SIGNATURE	DAVE RYAN										MAX HOOKLOAD				58							

DAY SHIFT

LICENCE NO. :

WELL NAME AND NO. :
ANADARKO NETLA A-68

OPERATOR :
ANADARKO CANADA ENERGY

SURFACE LOCATION :
60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :
AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Performed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines

Opr.
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R.M.
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YEAR 2002
MONTH 3
DAY 12

RIG NO. :
55

FUEL @ 08:00 HRS.

RIG 145
BOILER 170

TEMPERATURE -23

CONDITIONS

WIND DIRECTION

ROAD CONDITION ICE

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve												
																			NO.		TYPE		TYPE																								
																			DFTS						CENTRIFUGE																						
																			CHANGE SCREENS						LOADER																						
DC. DP SIZE		KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		TOP		TOP				CREW VEHICLE																					
102		20.83		E		85		102		4 FH		230		EMSCO		F800		229		MIDDLE		MIDDLE				CATCH TANKS																					
102		41.64		HEVI W		65		102		4 FH		30		EMSCO		F800		229		BOTTOM		BOTTOM				PENLESS RECORDER																					
166		89.00		DC		76		165		4.5X.H		18																																			
CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL																			
OPER.		RIGUP & TEARDOWN		DRILL ACTUAL		REAMING		CORING		COND. MUD & CIRC.		TRIPS		RIG SERVICE		REPAIR RIG		CUT OFF DRUG. LINE		DEV. SURVEY		WIRELINE LOGS		RUN CSG. & CEMENT		WAIT ON CEMENT		NIPPLE UP B.O.P		TEST B.O.P.		DRILL STEM		PLUG BACK		SQUEEZE CEMENT		FISHING		DIRECTIONAL WORK		SAFETY MEETING					
MORN				4.00						7.75		0.25																														12.00					
DAY				1.50				10.50																																12.00							
EVE																																															
TOTAL				5.50				18.25		0.25																														24.00							

NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

1 BIT/MILLS O.D.mm 0.20 m

1 BIT SUB 1.06 m

26 H.W.D.P. 238.29 m

BIT NO.

SIZE (mm) 156.0

IADC CODE 5 3 7

MFG. SMITH

Type XR38T

SERIAL NO. NK4826

JETS (mm) 15.5 15.5 15.5

DEPTH IN (m) 2035.00

DEPTH OUT (m) 2060.00

TOTAL METER 25.00

TOTAL HOURS 6.00 4.16

94 DRILLPIPE STANDS 1808.34 m

DRILLPIPE SINGLES m

KELLY DOWN 12.21 m

TOTAL 2060.10 m

WT. OF D.C. 15 1000 dan

WT. OF STRING 43 1000 dan

DRILLERS SIGNATURE DARRELL LAPLANTE

DRAG dan 15 UP

TORQUE 275

FILL m 0.00

WATER BASED x OIL BASED

TIME 1030 1600

DENSITY kg/m3 1010 1015

FUNNEL VIS s/l 41 40

W.L. cm/ FILCK 6.0 6.0

PH 11.0 10.5

PVT 43.00 42.00

MUD MATERIALS USED

TYPE QTY UNITS

DEVIATION SURVEY

DEPTH (m) DEVIATION DIRECTION

FROM TO DRILL/ REAM/CR. ROTARY R.P.M. WT. ON BIT

2052.50 2060.00 D 50 5

Circ. Press (kPa) PUMP NO. 1 PUMP NO. 2

9260 152.0 90 152.0

REDUCED PUMP SPEED

2880 @ 58 @ 2027

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS INTAKE OVERFLOW UNDERFLOW

CENTRIFUGE

HOURS INTAKE OVERFLOW UNDERFLOW

HOURS INTAKE OVERFLOW UNDERFLOW

HOURS INTAKE OVERFLOW UNDERFLOW

BOILER

HRS. RUN PH STACK deg

12.00 10.5 370

MACP 5448

MAX HOOKLOAD 58

FROM TO ELAPSED TIME CODE

1200 1215 0.25 2 DRILL FROM 2052.5 TO 2055M.

1215 1245 0.50 5 PUMP LCM PILL # 2 AND CASE WITH 10 m3

1245 1315 0.50 5 MONITOR WELL /TOP FILL AND RECORDER LOSSES

1315 1345 0.50 5 PUMP PILL # 3 AND CASE WITH 10 m3

1345 1600 2.25 5 MONITOR WELL AND TOP FILL WITH TRIP PUMP

1600 1715 1.25 2 DRILL FROM 2055 TO 2060 M. LOSSES 14 m3

1715 1745 0.50 5 PUMP PILL # 4 AND CASE WITH 10 m3

1745 1930 1.75 5 MONITOR WELL AND TOP FILL

1930 2115 1.75 5 MONITOR WELL , CHASE WITH 9.5 m3

2115 2130 0.25 5 PUMP PILL #5

2130 2315 1.75 5 MONITOR WELL

2315 2330 0.25 5 PUMP PILL #5

2330 2400 0.50 5 MONITOR WELL

2400

Notes: safety audit stephen Green Akita Drilling Safety Supervisor

DRILLING CREW PAYROLL DATA									
WELL NAME & NO.						YEAR	MONTH	DAY	
ANADARKO NETLA A-68						2002	3	12	
OPERATOR					CONTRACTOR				
ANADARKO CANADA ENERGY					AKITA DRILLING LTD.				
RIG MANAGER							RIG NO.		
TONY IRWIN							55		
PROVINCE					CAMP	☒ YES ☐ NO		RIG SAFETY DAYS	
N.W.T.								2153	
EVENING TOUR		FROM	0		TO	1200		INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		DAVE RYAN			12.00			DR	
DERRICK HAND		MIKE BARANIUK			12.00			MB	
MOTOR HAND		Graeme McWha			12.00			GM	
FLOOR HAND		JOHN PAUL			12.00			JP	
FLOOR HAND		MICHAEL SAM			12.00			MS	
LEASE HAND		MOISE PUNCH			12.00			MP	
RATE SCHEDULE		X		REGULAR		REPAIR		INVERT	
		CREW SAFETY DAYS							
		22							
DAY TOUR		FROM	1200		TO	2400		INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
WELL SITE CORD		LOUIS SIMONKA			12.00			LS	
DRILLER		DARRELL LAPLANTE			12.00			DL	
DERRICK HAND		CLINTON GALLIFORD			12.00			CG	
MOTOR HAND		JOHN WIPF			12.00			JW	
FLOOR HAND		WYATT Boucher			12.00			WB	
FLOOR HAND		JONAHTON CARLICK			12.00			JC	
LEASE HAND		TOM STEWART			12.00			TS	
RATE SCHEDULE		X		REGULAR		REPAIR		INVERT	
		CREW SAFETY DAYS							
		19							

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		RIG NO. 55 FUEL @ 08:00 HRS. RIG 160 BOILER 217	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A..O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked		WEATHER TEMPERATURE -26 CONDITIONS WIND DIRECTION ROAD CONDITION ICE	
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :					
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)					

H2S ;AIR PAKS

DRILLING ASSEMBLY (AT END OF TOUR)				BIT RECORD				MUD RECORD				METERS DRILLED				TIME LOG				TIME DETAIL						
NO.	BIT/ MILLS	O.D.mm		BIT NO.				WATER BASED		OIL BASED			FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE					
1	BIT SUB		0.20	m				TIME	230	630	800		2028.00	2035.00	D	60	6	0	30	0.50	5	COND. MUD,AND CIRC. PICK UP KELLY, AND FILL PIPE ,RACK KELLY				
26	H.W.D.P.		238.29	m	SIZE (mm)	156.0		DENSITY kg/m3		1000	1010							30	100	0.50	6	TRIPS- PICK UP PIPE-1971.14-2006.58,TAG CEMENT				
				m	IADC CODE			FUNNEL VIS s/l		36	36							100	515	4.25	5	COND MUD & CIRC- MUD UP				
				m	MFG.	REED		W.L. cm/ FILCK			6.5							515	800	2.75	23	DRILL-DRILL OUT FLOAT AT 2009,DRILL 13.88METRES CEMENT				
				m	Type	HP-12		PH	10.5	11.5	11.5		Circ. Press (kPa)	PUMP NO. 1 LINER(mm)	SPM	PUMP NO. 2 LINER(mm)	SPM	800	830	0.50	2	DRILL FROM 2028 TO 2031 M.				
				m	SERIAL NO.	3L121		pvt^	42.80	41.00	41.10		6300	152.0		152.0	90	830	915	0.75	5	CIRCULATE UP SAMPLE AT 2031 M.				
				m	JETS (mm)	15.5 15.5 15.5		MUD MATERIALS USED						REDUCED PUMP SPEED			@ 59	@	3010	915	1000	0.75	22	PRESSURE INTERGERTY TEST HELD 5500 KPA / 10 MIN.S		
				m	DEPTH IN (m)	2028.00		TYPE	QTY	UNITS			SOLIDS CONTROL EQUIPMENT								1000	1145	1.75	2	DRILL FROM 2031 TO 2035 M.	
				m	DEPTH OUT (m)	2035.00		BLEACH	5	PAIS			DESILTER								1145	1200	0.25	7	RIG SERVICE /FUNTION UPPER PIPE RAMS	
				m	TOTAL METER	7.00		STAFLO	4	SX			HOURS	INTAKE	OVERFLOW	UNDERFLOW					1200					
				m	TOTAL HOURS	2.25		BIO-LOSE	30	SX			CENTRIFUGE													
93	DRILLPIPE STANDS		1789.14	m				CAUSTIC	1	SX			HOURS	INTAKE	OVERFLOW	UNDERFLOW										
	DRILLPIPE SINGLES			m	INNER	OUTER	DULL							2												
	KELLY DOWN	7.11		m	LOCATION	BEARINGS	GAGE(mm)						HOURS	INTAKE	OVERFLOW	UNDERFLOW										
	TOTAL	2035.80		m	DEVIATION SURVEY				DEPTH (m)	DEVIATION	DIRECTION															
	WT. OF D.C.	15		1000 dan	DRAG dan	8/9 UP . 3							HRS RUN	BOILER PH	STACK deg											
	WT. OF STRING	45		1000 dan	TORQUE	400							12.00	10.0	350											
DRILLERS SIGNATURE DAVE RYAN													MACP	5448												
													MAX HOOKLOAD	154												
																						Notes: MJ-4437 TMJ-140119 LL-1338				
																						FUUNCTIONED UPPER PIPE RAMS, 6 SECS CLOSED , 6 OPEN				
																						FUNCTIONED CROWN SAVER, VISUAL INSPECTION OF BRAKE LINKAGE				

DAY SHIFT

LICENCE NO. :

WELL NAME AND NO. :

ANADARKO NETLA A-68

OPERATOR :

ANADARKO CANADA ENERGY

CONTRACTOR :

AKITA DRILLING LTD.

SURFACE LOCATION. :

60:47:07.40 N 122:41:38.90 E

UNIQUE I.D. :

OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm	MIN. I.D	kg/m	MAKE	GRADE	# OF JOINTS	TOTAL (m)	KB TO CSG.	SET AT (m)	SHALE SHAKER(S)		RENTALS / SERVICES										Morn	Day	Eve			
										NO.	TYPE	DFTS	TYPE	CENTRIFUGE													
										CHANGE SCREENS					LOADER												
										TOP	115	TOP	120	CREW VEHICLE													
DC. DP SIZE	KG / M	GRADE	MIN. ID	TOOL JT. O.D.	TYPE THREAD	# OF JOINTS	PUMP MANUFACTURER	PUMP TYPE	STROKE LTH.	MIDDLE	115	MIDDLE	120	CATCH TANKS													
102	20.83	E	85	102	4 FH	230	EMSCO	F800	229	BOTTOM	80	BOTTOM	115	PENLESS RECORDER													
102	41.64	HEVI W	65	102	4 FH	30	EMSCO	F800	229																		
166	89.00	DC	76	165	4 5X.H	18																					
CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRLLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	RIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING	LEAK OFF	DRILL FLOW				
MORN		2.25			5.50	0.50	0.25															0.75	2.75			12.00	
DAY		0.50			1.00	9.00	0.25		1.00												0.25					12.00	
EVE																											
TOTAL		2.75			6.50	9.50	0.50		1.00												0.25	0.75	2.75			24.00	

DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

1	BIT / MILLS	O.D.mm	0.20	m	BIT NO.				WATER BASED		OIL BASED		FROM	TO	DRILL/ REAM/CR	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE								
1	BIT SUB		1.06	m	SIZE (mm)	156.0	156.0		TIME				2035.00	3036.00	D	50	5	1200	1230	0.50	5	COND-MUD & CIRC							
26	H.W.D.P.		238.29	m					DENSITY kg/m3									1230	1330	1.00	6	BIT TRIP AT 2035M. FLOW CHECKS AT 2028,1930,1735M.							
				m	IADC CODE				FUNNEL VIS s/l									1330	1345	0.25	21	SAFETY MTG./ BOP. DRILL / FIRE DRILL							
				m	MFG.	REED	SMITH		W.L cm/ FILCK									1345	1715	3.50	6	BIT TRIP 1735TO 0M. FLOW CHECKS AT 1160,260 , 0 M.							
				m	Type	HP-12	XR38T		PH									1715	1730	0.25	7	RIG SERVICE / CLOSED BLIND RAMS							
				m	SERIAL NO.	3L121	NK4826											1730	1815	0.75	6	MAKE UP BIT # 5 RUN IN HOLE TO 300 M.							
				m	JETS (mm)	15,15,15,15	15,15,15,15											1815	1915	1.00	9	CUT OFF DRLL LINE FLOW CHECK AT 10 MIN. INTERVALS							
				m	DEPTH IN (m)	2028.00	2035.00											1915	2130	2.25	6	TRIPS-RIH-893							
				m	DEPTH OUT (m)	2035.00												2130	2145	0.25	5	COND MUD & CIRC- KELLY UP, FILL PIPE,RACK RACK KELLY							
				m	TOTAL METER	7.00	1.00											2145	2215	0.50	6	TRIPS-RIH-893-1604,							
				m	TOTAL HOURS	2.25	0.50											2215	2230	0.25	5	COND MUD & CIRC -PICK UP KELLY FILL PIPE RACK KELLY							
93	DRILLPIPE	STANDS	1789.14	m														2230	2330	1.00	6	TRIPS- FLOW CHECK,RIH-1604-2035							
	DRILLPIPE	SINGLES		m														2330	2400	0.50	2	DRILL-2035 -2036							
	KELLY DOWN	7.11		m														2400				LEL MONITOR CHECK O.K. GM.							
	TOTAL	2035.80		m														Notes: CHECK CROWN SAVER INSPECT BRAKELINKAGE											
	WT. OF D.C.	15		1000 dan	DRAG dan	15 UP, 4 D												BOILER BLOWN 3@12SEC. TRIP SHEET CAL. 6.23 MAS. 11.35 DIFF. 5.1											
	WT. OF STRING	45		1000 dan	TORQUE	300																							
					FILL m	0.00																							
DRILLERS SIGNATURE					DARRELL LAPLANTE										MACP					5448									
															MAX HOOKLOAD					58									

DRILLING CREW PAYROLL DATA										
WELL NAME & NO.						YEAR	MONTH	DAY		
ANADARKO NETLA A-68						2002	3	11		
OPERATOR					CONTRACTOR					
ANADARKO CANADA ENERGY					AKITA DRILLING LTD.					
RIG MANAGER							RIG NO.			
TONY IRWIN							55			
PROVINCE					CAMP	☒ YES	☐ NO	RIG SAFETY DAYS		
N.W.T.								2152		
EVENING TOUR		FROM	0	TO	1200				INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS			YES	NO	
DRILLER		DAVE RYAN			12.00				DR	
DERRICK HAND		MIKE BARANIUK			12.00				MB	
MOTOR HAND		Graeme McWha			12.00				GM	
FLOOR HAND		JOHN PAUL			12.00				JP	
FLOOR HAND		MICHAEL SAM			12.00				MS	
LEASE HAND		MOISE PUNCH			12.00				MP	
RATE SCHEDULE		X	REGULAR		REPAIR			INVERT		
		CREW SAFETY DAYS								
		21								
DAY TOUR		FROM	1200	TO	2400				INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS			YES	NO	
WELL SITE CORD		LOUIS SIMONKA			12.00				LS	
DRILLER		DARRELL LAPLANTE			12.00				DL	
DERRICK HAND		CLINTON GALLIFORD			12.00				CG	
MOTOR HAND		JOHN WIPF			12.00				JW	
FLOOR HAND		WYATT Boucher			12.00				WB	
FLOOR HAND		JONAHTON CARLICK			12.00				JC	
LEASE HAND		TOM STEWART			12.00				TS	
RATE SCHEDULE		X	REGULAR		REPAIR			INVERT		
		CREW SAFETY DAYS								
		18								

DAY SHIFT

LICENCE NO. :

WELL NAME AND NO. :

ANADARKO NETLA A-68

OPERATOR :

ANADARKO CANADA ENERGY

SURFACE LOCATION :

60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :

AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

LAST CASING TUBING OR LINER

0.D. mm

MIN. I.D

kg/m

MAKE

GRADE

OF JOINTS

TOTAL (m)

KB TO CSG.

SET AT (m)

SHALE SHAKER(S)

RENTALS / SERVICES

Morn

Day

Eve

NO.

TYPE

DFTS

TYPE

CENTRIFUGE

CHANGE SCREENS

TOP

115

MIDDLE

115

BOTTOM

80

LOADER

CREW VEHICLE

CATCH TANKS

PENLESS RECORDER

DC . DP SIZE

KG / M

GRADE

MIN.ID

TOOL JT. O.D.

TYPE THREAD

OF JOINTS

PUMP MANUFACTURER

PUMP TYPE

STROKE LTH.

102

20.83

E

85

102

4 FH

230

EMSCO

F800

229

102

41.64

HEVI W

65

102

4 FH

30

EMSCO

F800

229

166

89.00

DC

76

165

4.5X.H

18

CODE NO.:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

TOTAL

OPER.

RIGUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

COND. MUD & CIRC.

TRIPS

RIG SERVICE

REPAIRRIG

CUT OFF DRLG. LINE

DEV. SURVEY

WIRELINE LOOS

RUN CSG. & CEMENT

WAIT ON CEMENT

NIPPLE UP B.O.P

TEST B.O.P.

DRILL STEM

PLUG BACK

SQUEEZE CEMENT

FISHING

DIRECTIONAL WORK

SAFETY MEETING

HNDL TOOL

MORN

DAY

EVE

TOTAL

0.25

2.25

5.00

0.25

5.00

5.00

0.50

7.75

5.00

0.50

4.50

0.75

24.00

DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

1

BIT/ MILLS

O.D.mm

0.20

m

BIT NO.

1

BIT SUB

26

H.W.D.P.

238.29

m

SIZE (mm)

156.0

IADC CODE

MFG.

REED

Type

SERIAL NO.

HP12

JETS (mm)

DEPTH IN (m)

2006.58

DEPTH OUT (m)

TOTAL METER

TOTAL HOURS

89

DRILLPIPE

STANDS

1712.33

m

1

DRILLPIPE

SINGLES

9.63

m

KELLY DOWN

TOTAL

1961.51

m

WT. OF D.C.

WT. OF STRING

DRILLERS SIGNATURE

DARRELL LAPLANTE

WATER BASED

OIL BASED

TIME

DENSITY kg/m3

FUNNEL VIS s/l

W.L. cm/ FILCK

PH

MUD MATERIALS USED

TYPE

QTY

UNITS

DEVIATION SURVEY

DEPTH (m)

DEVIATION

DIRECTION

FROM

TO

DRILL/ REAM/CR.

ROTARY R.P.M.

WT. ON BIT

FROM

TO

ELAPSED TIME

CODE

1200

1730

5.50

8

REPAIR RIG W O BLINDS P/T 20000 KPA

1730

1815

0.75

23

SET WEEAR BUSHING

1815

1830

0.25

21

SAFETY MTG.

1830

2130

3.00

6

TRIPS-RIH-221-852

2130

2145

0.25

21

SAFETY MTG.- RIG CREW AND H2S SAFETY HANDS

2145

2200

0.25

7

RIG SERVICE

2200

2400

2.00

6

TRIPS-RACK KELLY, RIH 852- 1961.51 FILL DP 900M

2400

LEL MONITOR CHECK O.K. GM.

Circ. Press (kPa)

PUMP NO. 1

PUMP NO. 2

REDUCED PUMP SPEED

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS

INTAKE

OVERFLOW

UNDERFLOW

CENTRIFUGE

HOURS

INTAKE

OVERFLOW

UNDERFLOW

HOURS

INTAKE

OVERFLOW

UNDERFLOW

BOILER

PH

STACK deg

MACP

MAX HOOKLOAD

152.0

152.0

@ 0

@

12.00

10.0

355

0

54

Notes:

DRILLING CREW PAYROLL DATA										
WELL NAME & NO.						YEAR	MONTH	DAY		
ANADARKO NETLA A-68						2002	3	10		
OPERATOR					CONTRACTOR					
ANADARKO CANADA ENERGY					AKITA DRILLING LTD.					
RIG MANAGER							RIG NO.			
TONY IRWIN							55			
PROVINCE					CAMP	☒ YES	☐ NO	RIG SAFETY DAYS		
N.W.T.								2151		
EVENING TOUR		FROM	0		TO		1200		INJURIES	
CREW	SOC INS NO	NAME			HOURS			YES	NO	
DRILLER		DAVE RYAN			12.00				DR	
DERRICK HAND		MIKE BARANIUK			12.00				MB	
MOTOR HAND		Graeme McWha			12.00				GM	
FLOOR HAND		JOHN PAUL			12.00				JP	
FLOOR HAND		MICHAEL SAM			12.00				MS	
LEASE HAND		MOISE PUNCH			12.00				MP	
RATE SCHEDULE			REGULAR		REPAIR		X	INVERT		
		CREW SAFETY DAYS								
		20								
DAY TOUR		FROM	1200		TO		2400		INJURIES	
CREW	SOC INS NO	NAME			HOURS			YES	NO	
WELL SITE CORD		LOUIS SIMONKA			12.00				LS	
DRILLER		DARRELL LAPLANTE			12.00				DL	
DERRICK HAND		CLINTON GALLIFORD			12.00				CG	
MOTOR HAND		JOHN WIPF			12.00				JW	
FLOOR HAND		WYATT Boucher			12.00				WB	
FLOOR HAND		JONAHTON CARLICK			12.00				JC	
LEASE HAND		TOM STEWART			12.00				TS	
RATE SCHEDULE			REGULAR		REPAIR		X	INVERT		
		CREW SAFETY DAYS								
		17								

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Preformed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		RIG NO. : 55 FUEL @ 08:00 HRS. RIG 170 BOILER 240	
OPERATOR. : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A.O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked		WEATHER TEMPERATURE -22 CONDITIONS WIND DIRECTION ROAD CONDITION ICE	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :					
OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)					

PWR TONG,PIPE HNDLR

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D.		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve		
																			NO.		TYPE DFTS		TYPE		CENTRIFUGE												
																			CHANGE SCREENS		YES		NO		LOADER												
	DC. DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		TOP 115		TOP 120		CREW VEHICLE												
	102	20.83		E		85		102		4 FH		230		EMSCO		F800		229		MIDDLE 115		MIDDLE 120		CATCH TANKS													
	102	41.64		HEVI W		65		102		4 FH		30		EMSCO		F800		229		BOTTOM 80		BOTTOM 115		PENLESS RECORDER													
	166	89.00		DC		76		165		4.5X.H		18																									
CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL										
OPER.	RIKUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRLLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	RIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING	WEAR BUS															
MORN							0.25				1.75	8.75									0.50	0.75															
DAY					1.75		0.25					6.75	3.00								0.25																
EVE																																					
TOTAL					1.75		0.50				1.75	15.50	3.00								0.75	0.75															

NO.			DRILLING ASSEMBLY (AT END OF TOUR)										BIT RECORD					MUD RECORD					METERS DRILLED					TIME LOG				TIME DETAIL					
			BIT/ MILLS		O.D. mm		m		BIT NO.						WATER BASED		OIL BASED		FROM		TO		DRILL/ REAM/CR.		ROTARY R.P.M.		WT. ON BIT		FROM		TO		ELAPSED TIME		CODE		
																					0		15		0.25		7								RIG SERVICE-		
																					15		200		1.75		11								WIRE LINE LOGS- RIG OUT LOGGING TOOLS		
																					200		245		0.75		22								RETRIEVE WEAR BUSHING		
																					245		300		0.25		21								SAFETY MTG.- WITH PIPE HANDLERS PRIOR TO RIGGING THEM UP		
																					300		315		0.25		21								SAFETY MTG.-WITH TONG HAND- PRIOR TO RIGUP		
																					315		800		4.75		12								RUN CASING- RIG IN TONG HAND AND PIPE HANDLER		
																					800		1200		4.00		12								RUN CASING		
																					1200																

DAY SHIFT

LICENCE NO. :

WELL NAME AND NO. :
ANADARKO NETLA A-68

OPERATOR :
ANADARKO CANADA ENERGY

CONTRACTOR :
AKITA DRILLING LTD.

SURFACE LOCATION :
60:47:07.40 N 122:41:38.90 E

UNIQUE I.D. :

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Performed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines
(1) Rig Site Health and Safety Meeting (one/crew/month)
(2) C.A. ,O.D.C. Rig Safety Inspection Checklist(one/rig/month)
(3) Mast Inspection Before Raising or Lowering
(4) Crown Saver Checked
(5) Motor Kills Checked

Opr. R.M.
JE TI
JE TI
JE TI
JE TI
JE TI
JE TI

YEAR 2002 MONTH 3 DAY 9
RIG NO.: 55
FUEL @ 08:00 HRS.
RIG 170 BOILER 240
TEMPERATURE -22
CONDITIONS
WIND DIRECTION
ROAD CONDITION ICE

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve	
																			NO.	TYPE DFTS		TYPE	CENTRIFUGE													
																			CHANGE SCREENS			IN	OUT	LOADER												
	DC. DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		TOP 115		TOP 120		CREW VEHICLE											
102		20.83		E		85		102		4 FH		230		EMSCO		F800		229		MIDDLE 115		MIDDLE 120		CATCH TANKS												
102		41.64		HEVI W		65		102		4 FH		30		EMSCO		F800		229		BOTTOM 80		BOTTOM 115		PENLESS RECORDER												
166		89.00		DC		76		165		4.5X.H		18																								
CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL									
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING	WEAR BUSI														
MORN							0.25				1.75	8.75									0.50	0.75				12.00										
DAY					1.75		0.25					6.75	3.00								0.25					12.00										
EVE																																				
TOTAL					1.75		0.50				1.75	15.50	3.00								0.75	0.75				24.00										

NO.		DRILLING ASSEMBLY (AT END OF TOUR)		BIT RECORD				MUD RECORD				METERS DRILLED				TIME LOG				TIME DETAIL														
		BIT/ MILLS	O.D.mm	m	BIT NO.					WATER BASED		OIL BASED		X	FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE											
				m	SIZE (mm)					TIME										1200	1215	0.25	7	RIG SERVICE										
				m	IADC CODE					DENSITY kg/m3										1215	1700	4.75	12	RUN CASE-145 JTS OF 177.8 MM, SHOE AT 2024 METRES										
				m	MFG.					FUNNEL VIS s/l										1700	1845	1.75	5	CIRCULATE CSG.										
				m	Type					W.L. cm/ FILCK										1845	1900	0.25	21	SAFETY MTG.										
				m	SERIAL NO.					PH										1900	2100	2.00	12	CEMENT 177.8MM CSG.-W/ PREFLUSH 6m3 DIESEL, PREFLUSH3 m3										
				m	JETS (mm)					MUD MATERIALS USED				REDUCED PUMP SPEED							2100				NOW FLUSH 6C,SCAVENGER 3m3 1:1:2 .05% CD-31,FILL CEMENT									
				m	DEPTH IN (m)					TYPE	QTY	UNITS	SOLIDS CONTROL EQUIPMENT												1:1:2 G.05% CD-31,18.67 TONNES SLURRY VOLUME 17.47 m3									
				m	DEPTH OUT (m)									DESILTER												DENSITY 1682 kg/m3, 30% EXCESS,TAIL CEMENT 0:0:1 G, .20% R-6N ,								
				m	TOTAL METER									CENTRIFUGE												.80%NFL-2,1%CaCL2, 7 TONNES CMT SLURRY VOLUME 5.28 m3,								
				m	TOTAL HOURS									HOURS INTAKE OVERFLOW UNDERFLOW												DENSITY 1901 kg/m3,30% EXCESS, DISPLACE W/ WATER 40.08 m3								
		DRILLPIPE	STANDS	m	INNER	OUTER	DULL	LOCATION	BEARINGS	GAGE(mm)	OTHER	REASON	R.O.P.									2100	2400	3.00	13	BUMP PLUG, HELD 2100 KPA OK.								
		DRILLPIPE	SINGLES	m									DEVIATION SURVEY												2400				WAIT ON CEMENT- CLEAN INVERT FROM MUD SYSTEM					
		KELLY DOWN		m					DEPTH (m)				DEVIATION				DIRECTION																	
		TOTAL		m																														
		WT. OF D.C.		1000 dan	DRAG dan												HRS. RUN				BOILER PH				STACK deg				Notes: CHECK BRAKE LINKAGE CROWN SAVER					
		WT. OF STRING		1000 dan	TORQUE												12.00				10.0				360				BOILER BLOWN 3@15 SEC.					
				1000 dan	FILL m												MACP																	
		DRILLERS SIGNATURE				DARRELL LAPLANTE												MAX HOOKLOAD																

DRILLING CREW PAYROLL DATA											
WELL NAME & NO.						YEAR		MONTH		DAY	
ANADARKO NETLA A-68						2002		3		9	
OPERATOR					CONTRACTOR						
ANADARKO CANADA ENERGY					AKITA DRILLING LTD.						
RIG MANAGER								RIG NO.			
TONY IRWIN								55			
PROVINCE					CAMP				RIG SAFETY DAYS		
N.W.T.					☒ YES ☐ NO				2150		
EVENING TOUR		FROM		0		TO		1200		INJURIES	
CREW		SOC. INS. NO.		NAME		HOURS				YES NO	
DRILLER				DAVE RYAN		12.00				DR	
DERRICK HAND				MIKE BARANIUK		12.00				MB	
MOTOR HAND				Graeme McWha		12.00				GM	
FLOOR HAND				JOHN PAUL		12.00				JP	
FLOOR HAND				MICHAEL SAM		12.00				MS	
LEASE HAND				MOISE PUNCH		12.00				MP	
RATE SCHEDULE				REGULAR				REPAIR		X INVERT	
				CREW SAFETY DAYS							
				19							
DAY TOUR		FROM		1200		TO		2400		INJURIES	
CREW		SOC. INS. NO.		NAME		HOURS				YES NO	
WELL SITE CORD				LOUIS SIMONKA		12.00				LS	
DRILLER				DARRELL LAPLANTE		12.00				DL	
DERRICK HAND				CLINTON GALLIFORD		12.00				CG	
MOTOR HAND				JOHN WIPF		12.00				JW	
FLOOR HAND				WYATT Boucher		12.00				WB	
FLOOR HAND				JONAHTON CARLICK		12.00				JC	
LEASE HAND				TOM STEWART		12.00				TS	
RATE SCHEDULE				REGULAR				REPAIR		X INVERT	
				CREW SAFETY DAYS							
				16							

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		RIG NO. 55 FUEL @ 08:00 HRS. RIG 80 BOILER 193	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A..O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked		WEATHER : TEMPERATURE -18 CONDITIONS CLEAR WIND DIRECTIONS E ROAD CONDITION ICE	
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :					
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)					

[illegible]

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Preformed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		RIG NO.: 55 FUEL @ 08:00 HRS. RIG 80 BOILER 193	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crow/month) (2) C.A..O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked		WEATHER TEMPERATURE -18 CONDITIONS CLEAR WIND DIRECTION S.E. ROAD CONDITION ICE	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :					
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)					

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D.		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)			RENTALS / SERVICES			Morn	Day	Eve	
																			NO.	TYPE	DFTS	TYPE	CENTRIFUGE					
																			CHANGE SCREENS		YES	NO	LOADER					
	TOP		115		TOP		120		CREW VEHICLE																			
	MIDDLE		115		MIDDLE		120		CATCH TANKS																			
BOTTOM		80		BOTTOM		115		PENLESS RECORDER																				
DC . DP SIZE	KG / M	GRADE	MIN.ID	TOOL JT. O.D.	TYPE THREAD	# OF JOINTS	PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.																	
102	20.83	E	85	102	4 FH	230	EMSCO		F800		229																	
102	41.64	HEVI W	65	102	4 FH	30	EMSCO		F800		229																	
166	89.00	DC	76	165	4.5X.H	18																						

CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING						
MORN					6.50	5.50																					12.00
DAY						3.75	0.25		1.00		5.25												1.75				12.00
EVE																											
TOTAL					6.50	9.25	0.25		1.00		5.25												1.75				24.00

[illegible]

DRILLING CREW PAYROLL DATA

WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO NETLA A-68		2002	3	8
OPERATOR		CONTRACTOR		
ANADARKO CANADA ENERGY		AKITA DRILLING LTD.		
RIG MANAGER			RIG NO.	
TONY IRWIN			55	
PROVINCE	CAMP	☒ YES	☐ NO	RIG SAFETY DAYS
N.W.T.				2149

[illegible]

RATE SCHEDULE		REGULAR		REPAIR		X	INVERT
		CREW SAFETY DAYS					
		18					

[illegible]

RATE SCHEDULE	REGULAR	REPAIR	X	INVERT
CREW SAFETY DAYS				
	15			

EVENING SHIFT

LICENCE NO. :
OPERATOR :
SURFACE LOCATION :
OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

WELL NAME AND NO. :
ANADARKO NETLA A-68
ANADARKO CANADA ENERGY
60:47:07.40 N 122:41:38.90 E

CONTRACTOR :
UNIQUE I.D. :
CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

AKITA DRILLING LTD.
TONY IRWIN

(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Performed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines
(1) Rig Site Health and Safety Meeting (one/crew/month)
(2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month)
(3) Mast Inspection Before Raising or Lowering
(4) Crown Saver Checked
(5) Motor Kills Checked

Opr.

JE

TI

R.M.

TI

TI

TI

TI

TI

TI

YEAR 2002

MONTH 3

DAY 7

RIG NO.: 55

FUEL @ 08:00 HRS.

RIG 125

BOILER 194

TEMPERATURE -17

CONDITIONS

WIND DIRECTION SOUTH

ROAD CONDITION ICE

JIM ELLIOTT

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm	MIN. I.D	kg/m	MAKE	GRADE	# OF JOINTS	TOTAL (m)	KB TO CSG.	SET AT (m)	SHALE SHAKER(S)		RENTALS / SERVICES										Morn	Day	Eve			
										NO.	TYPE	TYPE	CENTRIFUGE														
											DFTS		LOADER														
											CHANGE SCREENS	Y	5	CREW VEHICLE													
DC. DP SIZE	KG / M	GRADE	MIN. ID	TOOL JT. O.D.	TYPE THREAD	# OF JOINTS	PUMP MANUFACTURER	PUMP TYPE	STROKE LTH.	TOP	115	TOP	120	CATCH TANKS													
102	20.83	E	85	102	4 FH	230	EMSCO	F800	229	MIDDLE	115	MIDDLE	120	PENLESS RECORDER													
102	41.64	HEVI W	65	102	4 FH	30	EMSCO	F800	229	BOTTOM	80	BOTTOM	115														
166	89.00	DC	76	165	4.5X H	18																					
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR/RIG	CUT OFF ORLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING						
MORN		9.75					0.25			2.00																12.00	
DAY		3.75			3.50	3.50	0.25			0.75											0.25					12.00	
EVE																											
TOTAL		13.50			3.50	3.50	0.50			2.75											0.25					24.00	

NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

1	BIT/ MILLS	O.D. mm	0.25	m	BIT NO.	2		WATER BASED	OIL BASED	X	FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE	TIME DETAIL																							
1	DIRECTION	171	38.95	m	SIZE (mm)	216.0		TIME	330	700	1100	1813.00	1928.00	D	28	8	0	745	7.75	2	DRILL F/1813m-1928																						
1	X.O.	165	0.94	m	IADC CODE			DENSITY kg/m3	925	925	930						745	800	0.25	7	RIG SERVICE function upper pipe rams 5 secs close																						
3	D.C.	165	28.65	m				FUNNEL VIS s/l	55	53	54						800	1000	2.00	2	DRILL-1928-1982																						
1	JAR	160	9.84	m	MFG.	HUGHES		W.L. cm/ FILCK									1000	1200	2.00	10	DEV. SURVEY- accumulated survey time																						
1	D.C.	165	9.56	m	Type	GT-03		PH									1200																										
22	H.W.D.P.	101	201.57	m	SERIAL NO.	ROODL		P.V.T.	35.20	31.40	27.70																																
				m	JETS (mm)	11. 11. 11.																																					
				m	DEPTH IN (m)	1447.00																																					
				m	DEPTH OUT (m)	1982.00																																					
				m	TOTAL METER	535.00																																					
				m	TOTAL HOURS	30.75																																					
87	DRILLPIPE STANDS	1673.96	m																																								
1	DRILLPIPE SINGLES	9.60	m																																								
	KELLY DOWN	8.46	m																																								
	TOTAL	1982.00	m																																								
	OF D.C.	14	1000	dan	DRAG dan	9 up 4 d																																					
	WT. OF STRING	48	1000	dan	TORQUE	385																																					
				dan	FILL m																																						
DRILLERS SIGNATURE KEVIN BERGSON											DEVIATION SURVEY											BOILER											Notes: CHECK CROWN SAVER AND BRAKES										
											DEPTH (m)											HRS. RUN											BLEW BOILER DOWN 3 TIMES										
											1817.00											10.0											mj=5496 tmj=136177 il=1350 koomey=31cm										
											16.20											375																					
											12.10											MACP																					
											134.3											6415																					
																						MAX HOOKLOAD																					
																						59																					

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Slaked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		RIG NO.: 55 FUEL @ 08:00 HRS. RIG 125 BOILER 194	
OPERATOR. : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A., O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked		WEATHER TEMPERATURE -17 CONDITIONS WIND DIRECTION SOUTH ROAD CONDITION ICE	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :					
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)					

JIM ELLIOTT										TONY IRWIN										SAFETY TOPIC																																							
LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve																								
																			NO.		TYPE		TYPE		CENTRIFUGE																																		
																			CHANGE SCREENS		1/2		3/8		LOADER																																		
																			TOP		115		TOP		120		CREW VEHICLE																																
DC . DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMPTYPE		STROKE LTH.		MIDDLE		115		MIDDLE		120		CATCH TANKS																															
102		20.83		E		85		102		4 FH		230		EMSCO		F800		229																																									
102		41.64		HEVI W		65		102		4 FH		30		EMSCO		F800		229																																									
166		89.00		DC		76		165		4.5X.H		18								BOTTOM		80		BOTTOM		115		PENLESS RECORDER																															
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL																																
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRUG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																																						
MORN		9.75					0.25			2.00																		12.00																															
DAY		3.75			3.50	3.50	0.25			0.75											0.25							12.00																															
EVE																																																											
TOTAL		13.50			3.50	3.50	0.50			2.75											0.25							24.00																															
DRILLING ASSEMBLY (AT END OF TOUR)										BIT RECORD										MUD RECORD										METERS DRILLED										TIME LOG										TIME DETAIL									
1	BIT/ MILLS	O.D.mm	0.25	m	BIT NO.	2																																																					
1	DIRECTION	171	38.95	m	SIZE (mm)	216.0																																																					
1	X.O	165	0.94	m																																																							
3	D.C.	165	28.65	m	IADC CODE																																																						
1	JAR	160	9.84	m																																																							
1	D.C.	165	9.56	m	MFG.	HUGHES</																																																					

DRILLING CREW PAYROLL DATA

WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO NETLA A-68		2002	3	7
OPERATOR		CONTRACTOR		
ANADARKO CANADA ENERGY		AKITA DRILLING LTD.		
RIG MANAGER			RIG NO.	
TONY IRWIN			55	
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	2148		

[illegible]

RATE SCHEDULE		REGULAR		REPAIR	X	INVERT
		CREW SAFETY DAYS				
		17				

DAY TOUR	FROM		1200	TO	2400			INJURIES	
	CREW	SOC INS NO	NAME			HOURS		YES	NO
DRILLER			DAVE RYAN			8.00			DR
WELL SITE CORD			LOUIS SIMONKA			12.00			LS
DERRICK HAND			MIKE BARANIUK			8.00			MB
MOTOR HAND			Graeme McWha			8.00			GM
FLOOR HAND			JOHN PAUL			8.00			JP
FLOOR HAND			MICHAEL SAM			8.00			MS
LEASE HAND			MOISE PUNCH			8.00			MP
DRILLER			DARRELL LAPLANTE			8.00			DL
DERRICK HAND			CLINTON GALLIFORD			8.00			CG
MOTOR HAND			JOHN WIPF			8.00			JW
FLOOR HAND			WYATT Boucher			8.00			WB
FLOOR HAND			JONAHTON CARLICK			8.00			JC
LEASE HAND			TOM STEWART			8.00			TS

RATE SCHEDULE		REGULAR		REPAIR	X	INVERT
		CREW SAFETY DAYS			14	
		14				

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		NO. 55 FUEL @ 08:00 HRS.	
OPERATOR. : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A..O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kilts Checked		RIG 183 BOILER 195 TEMPERATURE -20 CONDITIONS WIND DIRECTION CALM ROAD CONDITION ICE	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :				WEATHER TI	
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)					

SAFETY TOPIC

[illegible]

DAY SHIFT

LICENCE NO. :

WELL NAME AND NO. :

ANADARKO NETLA A-68

OPERATOR :

ANADARKO CANADA ENERGY

SURFACE LOCATION :

60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :

AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

1) Daily Walk Around Inspection
2) Detailed Inspection-Weekly (Using Check List)
3) H2S Signs Posted(If Required)
4) Well License & Stick Diagram Posted
5) Flare Lines Staked
6) BOP Drills Performed
7) Visually Inspect BOP's - Flarelines & Degasser Lines

Opr.

JE

TI

R.M.

TI

YEAR 2002

MONTH 3

DAY 6

RIG NO.: 55

FUEL @ 08:00 HRS.

RIG 183

BOILER 195

TEMPERATURE -20

CONDITIONS

WIND DIRECTION CALM

ROAD CONDITION ICE

WEATHER

TI

LAST CASING TUBING OR LINER

O.D. mm

MIN. I.D

kg/m

MAKE

GRADE

OF JOINTS

TOTAL (m)

KB TO CSG.

SET AT (m)

SHALE SHAKER(S)

NO.

TYPE

DFTS

TYPE

CENTRIFUGE

CHANGE SCREENS

TOP

MIDDLE

BOTTOM

LOADER

DC. DP SIZE

KG / M

GRADE

MIN.ID

TOOL JT. O.D.

TYPE THREAD

OF JOINTS

PUMP MANUFACTURER

PUMP TYPE

STROKE LTH.

CREW VEHICLE

CATCH TANKS

PENLESS RECORDER

CODE NO.:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

TOTAL

OPER.

RIGUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

COND. MUD & CIRC.

TRIPS

RIG SERVICE

REPAIR RIG

CUT OFF DRLG. LINE

DEV. SURVEY

WIRELINE LOGS

RUN CSG. & CEMENT

WAIT ON CEMENT

NIPPLE UP B.O.P.

TEST B.O.P.

DRILL STEM

PLUG BACK

SQUEEZE CEMENT

FISHING

DIRECTIONAL WORK

SAFETY MEETING

MORN

DAY

EVE

TOTAL

19.00

0.50

4.25

0.25

12.00

12.00

0.25

24.00

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

1

BIT/ MILLS

O.D. mm

0.25

m

BIT NO.

2

WATER BASED

OIL BASED

X

FROM

TO

DRILL/ REAM/CR.

ROTARY R.P.M.

WT. ON BIT

FROM

TO

ELAPSED TIME

CODE

TIME DETAIL

1

DIRECTION

171

38.95

m

SIZE (mm)

216.0

TIME

1330

1730

2300

1640.00

1813.00

D

30

8

1200

1600

4.00

2

DRILL-1640- 1697

1

X.O.

165

0.94

m

IADC CODE

DENSITY

930

930

925

1600

1615

0.25

7

RIG SERVICE-functioned annular 20 secs closed 20 open

3

D.C.

165

28.65

m

W.L. cm/ FILCK

56

55

58

1615

2215

6.00

2

DRILL-1697m-1813m

1

JAR

160

9.84

m

PH

56

55

58

2215

2400

1.75

10

DEV. SURVEY time

1

D.C.

165

9.56

m

PH

56

55

58

2215

2400

1.75

10

DEV. SURVEY time

1

X.O.

162

0.22

m

PH

56

55

58

2215

2400

1.75

10

DEV. SURVEY time

22

H.W.D.P.

101

201.57

m

PH

56

55

58

2215

2400

1.75

10

DEV. SURVEY time

78

DRILLPIPE

STANDS

1501.32

m

PH

56

55

58

2215

2400

1.75

10

DEV. SURVEY time

1

DRILLPIPE

SINGLES

9.55

m

PH

56

55

58

2215

2400

1.75

10

DEV. SURVEY time

KELLY DOWN

12.21

m

PH

56

55

58

2215

2400

1.75

10

DEV. SURVEY time

TOTAL

1813.06

m

PH

56

55

58

2215

2400

1.75

10

DEV. SURVEY time

W.D.C.

20

1000

dan

DRAG dan

4 up 3 dow

1721.00

17.70

140.3

12.00

930

850

1590

Notes: functioned annular,20 secs closed 20 open.

WT. OF STRING

44

1000

dan

TORQUE

375

1778.00

18.00

140.8

12.00

930

850

1590

functioned crown saver and visually inspected brakes

DRILLERS SIGNATURE

DAVE RYAN

17.42

1673.00

19.00

139.2

12.00

930

850

1590

functioned crown saver and visually inspected brakes

MACP

6415

MAX HOOKLOAD

54

functioned crown saver and visually inspected brakes

DRILLING CREW PAYROLL DATA											
WELL NAME & NO.						YEAR		MONTH		DAY	
ANADARKO NETLA A-68						2002		3		6	
OPERATOR					CONTRACTOR						
ANADARKO CANADA ENERGY					AKITA DRILLING LTD.						
RIG MANAGER								RIG NO.			
TONY IRWIN								55			
PROVINCE					CAMP				RIG SAFETY DAYS		
N.W.T.					☒ YES ☐ NO				2147		
EVENING TOUR		FROM		0		TO		1200		INJURIES	
CREW		SOC. INS. NO.		NAME		HOURS				YES NO	
DRILLER				KEVIN BERGSON		12.00				KB	
DERRICK HAND				TIM PREBOY		12.00				TP	
MOTOR HAND				ANDY ALBERT		12.00				AA	
FLOOR HAND				JIM NEMETH		12.00				JN	
FLOOR HAND				PETER MANWART		12.00				PM	
LEASE HAND				DARREN HAZENBERG		12.00				DH	
RATE SCHEDULE				REGULAR				REPAIR		X INVERT	
				CREW SAFETY DAYS							
				16							
DAY TOUR		FROM		1200		TO		2400		INJURIES	
CREW		SOC. INS. NO.		NAME		HOURS				YES NO	
DRILLER				DAVE RYAN		12.00				DR	
WELL SITE CORD				LOUIS SIMONKA		12.00				LS	
DERRICK HAND				MIKE BARANIUK		12.00				MB	
MOTOR HAND				Graeme McWha		12.00				GM	
FLOOR HAND				JOHN PAUL		12.00				JP	
FLOOR HAND				MICHAEL SAM		12.00				MS	
LEASE HAND				MOISE PUNCH		12.00				MP	
RATE SCHEDULE				REGULAR				REPAIR		X INVERT	
				CREW SAFETY DAYS							
				13							

EVENING SHIFT

LICENCE NO. :
WELL NAME AND NO. :
ANADARKO NETLA A-68

OPERATOR :
ANADARKO CANADA ENERGY

SURFACE LOCATION :
60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :
AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

(1) Daily Walk Around Inspection
(2) Detailed Inspection- Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Performed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines
(1) Rig Site Health and Safety Meeting (one/crew/month)
(2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month)
(3) Mast Inspection Before Raising or Lowering
(4) Crown Saver Checked
(5) Motor Kills Checked

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YEAR 2002
MONTH 3
DAY 5

RIG NO.: 55

FUEL @ 08:00 HRS.

RIG 102
BOILER 198

TEMPERATURE -20

CONDITIONS LITE WIND

WIND DIRECTION

ROAD CONDITION ICE

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm	MIN. I.D	kg/m	MAKE	GRADE	# OF JOINTS	TOTAL (m)	KB TO CSG.	SET AT (m)	SHALE SHAKER(S)			RENTALS / SERVICES													Morn	Day	Eve
										NO.	TYPE	TYPE	CENTRIFUGE															
										CHANGE SCREENS			LOADER															
	DC. DP SIZE	KG / M	GRADE	MIN. ID	TOOL JT. O.D.	TYPE THREAD	# OF JOINTS	PUMP MANUFACTURER	PUMP TYPE	STROKE LTH.	TOP	115	TOP	120	CREW VEHICLE													
102	20.83	E	85	102	4 FH	230	EMSCO	F800	229	MIDDLE	115	MIDDLE	120	CATCH TANKS														
102	41.64	HEVL W	65	102	4 FH	30	EMSCO	F800	229	BOTTOM	80	BOTTOM	115	PENLESS RECORDER														
166	89.00	DC	76	165	4.5X H	18																						
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL	
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF ORLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING							
MORN		8.00			0.75	2.25	0.25			0.75																	12.00	
DAY		2.00				7.50	0.25			0.50										1.75							12.00	
EVE																												
TOTAL		10.00			0.75	9.75	0.50			1.25										1.75							24.00	

NO. DRILLING ASSEMBLY (AT END OF TOUR)				BIT RECORD				MUD RECORD				METERS DRILLED				TIME LOG				TIME DETAIL			
1	BIT/ MILLS	O.D. mm	0.25	m	BIT NO.	1	2	WATER BASED		OIL BASED	X	FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE			
1	DIRECTION	171	38.95	m	SIZE (mm)	216.0	216.0	TIME	330	700	830	1321.00	1447.00	D		3	0	800	8.00	2	DRILL F/1321m-1447m		
1	X.O.	165	0.94	m				DENSITY kg/m3	915	920	920						800	815	0.25	7	RIG SERVICE FUNCTION REMOTE CHOKE 42 secs		
3	D.C.	165	28.65	m	IADC CODE			FUNNEL VIS s/l	58	59	56						815	900	0.75	5	circulate bottoms up		
1	D.C.	165	9.56	m	MFG.	DOWDCO	HUGHES	W.L. cm/ FILCK									900	945	0.75	10	DEV. SURVEY time		
1	X.O.	162	0.22	m	Type	TM-266	GT-03	PH				Circ. Press (kPa)	PUMP NO. 1	PUMP NO. 2			945	1200	2.25	6	TRIPS P.O.O.H FLOW CHECK @1447m,1350m		
22	H.W.D.P.	101	201.57	m	SERIAL NO.	D-1266	ROODL		33.60	34.90	33.80	12250	152.0	118	152.0								
				m	JETS (mm)			MUD MATERIALS USED				3660	@	57	@	1353							
				m	DEPTH IN (m)	560.00	1447.00	TYPE	QTY	UNITS		SOLIDS CONTROL EQUIPMENT											
				m	DEPTH OUT (m)	1427.00		INVERT	5	M3		DESILTER											
				m	TOTAL METER	867.00		CALCIUM CHLORID	30	SX		HOURS	INTAKE	OVERFLOW	UNDERFLOW								
				m	TOTAL HOURS	51.75		CAL-CARB	6	SX		0.00											
59	DRILLPIPE	STANDS	1135.22m									8.00	920			1670							
1	DRILLPIPE	SINGLES	9.65	m	INNER	OUTER	DULL	LOCATION	BEARINGS	GAGE (mm)	OTHER	REASON	R.O.P.	CENTRIFUGE									
	KELLY DOWN	12.25	m					DEPTH (m)	DEVIATION	DIRECTION		8.00	920			1585							
	TOTAL	1447.10	m					1306.00	14.80	166.7		BOILER											
	F.D.C.	20	1000 dan		DRAG dan	3 up 3 d		1354.00	15.80	155.7		HRS. RUN	PH	STACK deg									
	WT. OF STRING	40	1000 dan		TORQUE							12.00	10.5	370									
					FILL m							MACP	6470										
	DRILLERS SIGNATURE	KEVIN BERGSON										MAX HOOKLOAD	42										
																					Notes: CHECK CROWN SAVER AND BRAKES		
																					BLEW BOILER DOWN 3 TIMES		
																					MJ=3079 TMJ=133760 LL=1350		

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(1) Rig Inspection Report (2) Detailed Inspection - Weekly (Using Check List) (3) H2S Signs Posted (If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :			
OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)			

TONY IRWIN

SAFETY TOPIC

work with invert

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve	
																			NO.	TYPE DFTS		TYPE		CENTRIFUGE												
																			CHANGE SCREENS		YES	NO	LOADER													
																			TOP 115		TOP 120		CREW VEHICLE													
																			MIDDLE 115		MIDDLE 120		CATCH TANKS													
																				BOTTOM 80		BOTTOM 115		PENLESS RECORDER												
DC . DP SIZE	KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.																			
102	20.83		E		85		102		4 FH		230		EMSCO		F800		229																			
102	41.64		HEVI W		65		102		4 FH		30		EMSCO		F800		229																			
166	89.00		DC		76		165		4.5X.H		18																									
CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL									
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING															
MORN		8.00			0.75	2.25	0.25			0.75																										
DAY		2.00				7.50	0.25			0.50										1.75						12.00										
EVE																										12.00										
TOTAL		10.00			0.75	9.75	0.50			1.25										1.75						24.00										
DRILLING ASSEMBLY																																				

DRILLING ASSEMBLY (AT END OF TOUR)				BIT RECORD				MUD RECORD				METERS DRILLED				TIME LOG				TIME DETAIL				
NO.	BIT/ MILLS	O.D.mmm		BIT NO.	2			WATER BASED		OIL BASED	X	FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE				
1	DIRECTION	171	38.95	m	SIZE (mm)	216.0		TIME		2130	2400	1447.00	1476.00	D	35	7	1200	1500	3.00	6	TRIPS-POOH-850- surface flowcheck 560m, out of hole-			
1	X.O.	165	0.94	m	IADC CODE			DENSITY kg/m3		925	930						1500	1630	1.50	20	DIR. WORK- change bit, change motor angle			
3	D.C.	165	28.65	m	FUNNEL VIS s/l			FUNNEL VIS s/l		58	60						1630	1800	1.50	6	TRIPS-trip into 590 metres			
1	JAR	160	9.84	m	MFG.	HUGHES		W.L. cm/ FILCK									1800	1815	0.25	20	DIR. WORK-kelly up test mwd pulse			
1	D.C.	165	9.56	m	Type	GT-03		PH									1815	1830	0.25	7	RIG SERVICE-change kelly stripping rubber			
22	H.W.D.P.	101	201.57	m	SERIAL NO.	ROODL		p.v.t.		29.60	35.80	11800	152.0	118	152.0		1830	2130	3.00	6	TRIPS R.I.H fill pipe @ 900m			
				m	JETS (mm)	11.11.11.		MUD MATERIALS USED				3640	@	58	@	1447	2130	2330	2.00	2	DRILL F/1447m-1476m			
				m	DEPTH IN (m)	1447.00		TYPE	QTY	UNITS		SOLIDS CONTROL EQUIPMENT				2330	2400	0.50	10	DEV. SURVEY time				
				m	DEPTH OUT (m)	1476.00		CAL CARB 325	25	SX		DESILTER												
				m	TOTAL METER	29.00		CAL CARB 'O'	1	SX		HOURS	INTAKE	OVERFLOW	UNDERFLOW									
				m	TOTAL HOURS	2.00		CARBO-GEL	1	SX		0.00												
				m				INVERT	10	M3		CENTRIFUGE												
61	DRILLPIPE STANDS	1173.83m		m	INNER							HOURS	INTAKE	OVERFLOW	UNDERFLOW									
	DRILLPIPE SINGLES			m	OUTER							12.00												
				m	DULL																			
				m	LOCATION																			
				m	BEARINGS																			
				m	GAGE/mm																			
				m	OTHER																			
				m	REASON																			
				m	R.O.P.																			
				m	DEVIATION SURVEY																			
				m	DEPTH (m)	DEVIATION	DIRECTION					HOURS	INTAKE	OVERFLOW	UNDERFLOW									
				m	14.50	1460.00	15.60	141					12.00											
				m								BOILER												
				m								HRS. RUN	PH	STACK deg					Notes: functioned blind rams 7 secs closed 7 secs open					
				m								12.00	10.5	375					functioned crown saver and visually inspected brakes					
				m								MACP				6525								
				m								MAX HOOKLOAD				49								
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LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A.O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :			
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)			

JIM ELLIOTT										TONY IRWIN										SAFETY TOPIC																																							
LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve																								
																			NO.		TYPE		TYPE																																				
																			CHANGE SCREENS		YES		NO																																				
																					TOP		TOP																																				
DC . DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		MIDDLE		MIDDLE																																					
																				BOTTOM		BOTTOM																																					
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL																																
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																																						
MORN																																																											
DAY																																																											
EVE																																																											
TOTAL																																																											
DRILLING ASSEMBLY (AT END OF TOUR)										BIT RECORD										MUD RECORD										METERS DRILLED										TIME LOG										TIME DETAIL									
NO.	BIT / MILLS	O.D.mm	m	BIT NO.			WATER BASED		OIL BASED		FROM	TO	DRILL / REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE																																								
			m	SIZE (mm)			TIME																																																				
			m	IADC			DENSITY kg/m3																																																				
			m	CODE			FUNNEL VIS s/l																																																				
			m	MFG.			W.L. cm/ FILCK																																																				
			m	Type			PH																																																				
			m	SERIAL NO.																																																							
			m	JETS (mm)																																																							
			m	DEPTH IN (m)																																																							
			m	DEPTH OUT (m)																																																							
			m	TOTAL METER																																																							
			m	TOTAL HOURS																																																							
	DRILLPIPE	STANDS	m																																																								
	DRILLPIPE	SINGLES	m																																																								
	KELLY DOWN		m																																																								
	TOTAL		m																																																								
	W. D.C.		1000	DRAG dan																																																							
	WT. OF STRING		1000	TORQUE																																																							
			dan	FILL m																																																							
DRILLERS SIGNATURE																																																											
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DRILLING CREW PAYROLL DATA									
WELL NAME & NO.						YEAR	MONTH	DAY	
ANADARKO NETLA A-68						2002	3	5	
OPERATOR					CONTRACTOR				
ANADARKO CANADA ENERGY					AKITA DRILLING LTD.				
RIG MANAGER							RIG NO.		
TONY IRWIN							55		
PROVINCE					CAMP	☒ YES	☐ NO	RIG SAFETY DAYS	
N.W.T.								2146	
EVENING TOUR		FROM	0		TO	1200		INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		KEVIN BERGSON			12.00			KB	
DERRICK HAND		TIM PREBOY			12.00			TP	
MOTOR HAND		ANDY ALBERT			12.00			AA	
FLOOR HAND		JIM NEMETH			12.00			JN	
FLOOR HAND		PETER MANWART			12.00			PM	
LEASE HAND		DARREN HAZENBERG			12.00			DH	
RATE SCHEDULE			REGULAR		REPAIR		X	INVERT	
					CREW SAFETY DAYS				
					15				
DAY TOUR		FROM	1200		TO	2400		INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		DAVE RYAN			12.00			DR	
WELL SITE CORD		LOUIS SIMONKA			12.00			LS	
DERRICK HAND		MIKE BARANIUK			12.00			MB	
MOTOR HAND		Graeme McWha			12.00			GM	
FLOOR HAND		JOHN PAUL			12.00		JP		
FLOOR HAND		MICHAEL SAM			12.00			MS	
LEASE HAND		MOISE PUNCH			12.00			MP	
RATE SCHEDULE			REGULAR		REPAIR		X	INVERT	
					CREW SAFETY DAYS				
					12				

EVENING SHIFT

LICENCE NO. :

WELL NAME AND NO. :

ANADARKO NETLA A-68

OPERATOR. :

ANADARKO CANADA ENERGY

SURFACE LOCATION. :

60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :

AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Performed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines

(1) Rig Site Health and Safety Meeting (one/crew/month)
(2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month)
(3) Mast Inspection Before Raising or Lowering
(4) Crown Saver Checked
(5) Motor Kills Checked

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YEAR 2002

MONTH 3

DAY 4

RIG NO. : 55

FUEL @ 08:00 HRS.

RIG 152

BOILER 201

WEATHER

TEMPERATURE -21

CONDITIONS WIND

WIND DIRECTION

ROAD CONDITION ICE

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES				Morn	Day	Eve			
																			NO.	TYPE		TYPE		CENTRIFUGE								
																			CHANGE SCREENS		YES	x	NO	LOADER								
																					TOP	115		TOP	120		CREW VEHICLE					
DC. DP SIZE	KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		MIDDLE		115		MIDDLE	120		CATCH TANKS						
102	20.83		E		85		102				230		EMSCO		F800		229															
102	41.64		HEVI W		65		102				30		EMSCO		F800		229		BOTTOM		80		BOTTOM	115		PENLESS RECORDER						

CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL	
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING							
MORN		10.25					0.25			1.50																		12.00
DAY		10.25					0.25			1.50																		12.00
EVE																												
TOTAL		20.50					0.50			3.00																		24.00

NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

1 BIT/MILLS O.D. mm 0.25 m

1 DIRECTION 171 38.95 m

1 X.O. 165 0.94 m

3 D.C. 165 28.65 m

1 JAR 160 9.84 m

1 D.C. 165 9.56 m

1 X.O. 162 0.22 m

22 H.W.D.P. 101 201.57 m

44 DRILLPIPE STANDS 846.08 m

DRILLPIPE SINGLES m

KELLY DOWN 3.94 m

TOTAL 1140.00 m

OF D.C. 20 1000 dan

WT. OF STRING 37 1000 dan

DRILLERS SIGNATURE KEVIN BERGSON

BIT NO. 1

SIZE (mm) 216.0

IADC CODE

MFG. DOWDCO

Type TM-266

SERIAL NO. D-1266

JETS (mm)

DEPTH IN (m) 560.00

DEPTH OUT (m) 1140.00

TOTAL METER 580.00

TOTAL HOURS 33.50

INNER

OUTER

DULL

LOCATION

BEARINGS

GAGE (mm)

OTHER

REASON

R.O.P. 17.31

WATER BASED

OIL BASED X

TIME 330 700 1030

DENSITY kg/m3 915 915 910

FUNNEL VIS s/l 56 57 58

W.L. cm/ FILCK

PH

P.V.T. 36.00 32.50 35.60

MUD MATERIALS USED

TYPE QTY UNITS

floor drv 3 SX

CAL-CARB 1 SX

INVERT 5 M3

REDUCED PUMP SPEED

3420 @ 58 @ 1137

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS INTAKE OVERFLOW UNDERFLOW

0.00

CENTRIFUGE

HOURS INTAKE OVERFLOW UNDERFLOW

12.00 910 850 1685

2

HOURS INTAKE OVERFLOW UNDERFLOW

12.00 910 850 1585

BOILER

HRS. RUN PH STACK deg

12.00 10.0 365

MACP

MAX HOOKLOAD 39

FROM TO ELAPSED TIME CODE

0 715 7.25 2 DRILL 1/-1003m- 1090

715 730 0.25 7 RIG SERVICE FUNCTION ANNULAR 12 secs close

730 900 1.50 10 DEV. SURVEY time

900 1200 3.00 2 DRILL-1090-1140

1200

LEL MONITOR CHECK OK-GM

Notes: check crown saver and brakes SERVICE AND INSPECT FIRE EXTINGUISHER

VISUALLY INSPECTED DERRICK BELTS, LANDYARDS, CHECK SCOTT AIR PACKS,

BLEW BOILER DOWN 3 TIMES TMJ=133103 MJ=2422 LL=1350

KOOMEY 30

DAY SHIFT

LICENCE NO. :

WELL NAME AND NO. :

ANADARKO NETLA A-68

OPERATOR :

ANADARKO CANADA ENERGY

SURFACE LOCATION :

60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :

AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Preformed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines

(1) Rig Site Health and Safety Meeting (one/crew/month)
(2) C.A.O.D.C. Rig Safety Inspection Checklist(one/rig/month)
(3) Mast Inspection Before Raising or Lowering
(4) Crown Saver Checked
(5) Motor Kills Checked

Opr.

JE

R.M.

TI

YEAR 2002

MONTH 3

DAY 4

RIG NO. :

55

FUEL @ 08:00 HRS.

RIG

152

BOILER

201

TEMPERATURE

-21

CONDITIONS

WIND

WIND DIRECTION

ROAD CONDITIONICE

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

JIM ELLIOTT										TONY IRWIN										SAFETY TOPIC																					
LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve						
																			NO.		TYPE		TYPE		CENTRIFUGE																
																			CHANGE SCREENS				x		m		n		LOADER												
																			TOP		115		TOP		120		CREW VEHICLE														
																					MIDDLE		115		MIDDLE		120		CATCH TANKS												
DC . DP SIZE		KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		BOTTOM		80		BOTTOM		115		PENLESS RECORDER													
102		20.83		E		85		102				230		EMSCO		F800		229																							
102		41.64		HEVI W		65		102				30		EMSCO		F800		229																							
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL														
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRILG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																				
MORN		10.25					0.25			1.50																	12.00														
DAY		10.25					0.25			1.50																	12.00														
EVE																																									
TOTAL		20.50					0.50			3.00																	24.00														

DRILLING ASSEMBLY (AT END OF TOUR)				BIT RECORD				MUD RECORD				METERS DRILLED				TIME LOG				TIME DETAIL			
NO.	BIT/ MILLS	O.D. mm		BIT NO.				WATER BASED		OIL BASED	X	FROM	TO	DRILL/ REAMCR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE			
1	DIRECTION	171	38.95 m	SIZE (mm)	216.0			TIME	1330	1830	2300	1140.00	1331.00	D		4	1200	2215	10.25	2	DRILL-1140-1321m		
1	X.O.	165	0.94 m	IADC				DENSITY kg/m3	910	910	915						2215	2230	0.25	7	RIG SERVICE-function lower pipe rams		
3	D.C.	165	28.65 m	CODE				FUNNEL VIS s/l	58	62	59						2230	2400	1.50	10	DEV. SURVEY total time		
1	JAR	160	9.84 m	MFG.	DOWDCO			W.L. cm/ FILCK									2400						
1	D.C.	165	9.56 m	Type	TM-266			PH															
1	X.O.	162	0.22 m	SERIAL NO.	D-1266			PVT	35.60	33.70	38.30												
22	H.W.D.P.	101	201.57 m	JETS (mm)				MUD MATERIALS USED				3580	@	58	@	1253							
				DEPTH IN (m)	560.00			TYPE	QTY	UNITS		REDUCED PUMP SPEED											
				DEPTH OUT (m)	1321.00			INVERT	21	M3		SOLIDS CONTROL EQUIPMENT											
				TOTAL METER	761.00			CALCIUM CHLORID	10	SX		DESILTER											
				TOTAL HOURS	43.75			CARBO-TROL	10	SX		HOURS	INTAKE	OVERFLOW	UNDERFLOW								
								LIME	5	SX		CENTRIFUGE											
44	DRILLPIPE STANDS	1019.45m						CAL CARR O'	2	SX		HOURS	INTAKE	OVERFLOW	UNDERFLOW								
	DRILLPIPE SINGLES	9.66 m										12.00	910	840	1690								
													2										
	KELLY DOWN	12.25 m						DEVIATION SURVEY				HOURS	INTAKE	OVERFLOW	UNDERFLOW								
	TOTAL	1331.34 m						DEPTH (m)	DEVIATION	DIRECTION		12.00	910	860	1540								
	OF D.C.	20	1000 dan	DRAG dan	1 up 1 dow			1142.00	10.90	141.9		BOILER											
	WT. OF STRING	40	1000 dan	TORQUE	349			1190.00	13.80	138.6		HRS RUN	PH	STACK deg							Notes: function lower pipe rams, 6 secs close, 6 secs open		
				FILL m				1219.00	14.60	148.9			10.5	375									
								1268.00	17.10	160		MACP											
													6525										
	DRILLERS SIGNATURE	DAVE RYAN										MAX HOOKLOAD				40							

DRILLING CREW PAYROLL DATA											
L NAME & NO. ANADARKO NETLA A-68						YEAR 2002		MONTH 3		DAY 4	
OPERATOR ANADARKO CANADA ENERGY					CONTRACTOR AKITA DRILLING LTD.						
RIG MANAGER TONY IRWIN								RIG NO. 55			
PROVINCE N.W.T.					CAMP ☒ YES ☐ NO			RIG SAFETY DAYS 2145			
EVENING TOUR		FROM 0		TO 1200				INJURIES			
CREW		SOC. INS NO		NAME		HOURS		YES		NO	
DRILLER				KEVIN BERGSON		12.00				KB	
DERRICK HAND				TIM PREBOY		12.00				TP	
MOTOR HAND				ANDY ALBERT		12.00				AA	
FLOOR HAND				JIM NEMETH		12.00				JN	
FLOOR HAND				PETER MANWART		12.00				PM	
LEASE HAND				DARREN HAZENBERG		12.00				DH	
RATE SCHEDULE				REGULAR				REPAIR		X INVERT	
				CREW SAFETY DAYS							
				14							
DAY TOUR		FROM 1200		TO 2400				INJURIES			
CREW		SOC. INS NO		NAME		HOURS		YES		NO	
DRILLER				DAVE RYAN		12.00				DR	
WELL SITE CORD				LOUIS SIMONKA		12.00				LS	
DERRICK HAND				MIKE BARANIUK		12.00				MB	
MOTOR HAND				Graeme McWha		12.00				GM	
FLOOR HAND				JOHN PAUL		12.00				JP	
FLOOR HAND				MICHAEL SAM		12.00				MS	
LEASE HAND				MOISE PUNCH		12.00				MP	
RATE SCHEDULE				REGULAR				REPAIR		X INVERT	
				CREW SAFETY DAYS							
				11							

EVENING SHIFT

LICENCE NO. :

WELL NAME AND NO. :
ANADARKO NETLA A-68

OPERATOR. :
ANADARKO CANADA ENERGY

CONTRACTOR :
AKITA DRILLING LTD.

SURFACE LOCATION. :
60:47:07.40 N 122:41:38.90 E

UNIQUE I.D. :

OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

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(1) Daily Walk Around Inspection

(2) Detailed Inspection-Weekly (Using Check List)

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(4) Well License & Stick Diagram Posted

(5) Flare Lines Staked

(6) BOP Drills Performed

(7) Visually Inspect BOP's - Flarelines & Degasser Lines

Opr.

JE

R.M

TI

YEAR 2002

MONTH 3

DAY 3

RIG NO.:

55

FUEL @ 08:00 HRS.

RIG 200

BOILER 240

(1) Rig Site Health and Safety Meeting (one/crew/month)

(2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month)

(3) Mast Inspection Before Raising or Lowering

(4) Crown Saver Checked

(5) Motor Kills Checked

WEATHER

TI

TEMPERATURE -12

CONDITIONS SNOW

WIND DIRECTION

ROAD CONDITION ICE

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm	MIN. I.D	kg/m	MAKE	GRADE	# OF JOINTS	TOTAL (m)	KB TO CSG.	SET AT (m)	SHALE SHAKER(S)			RENTALS / SERVICES												Morn	Day	Eve	
										NO.	TYPE	TYPE	CENTRIFUGE															
										CHANGE SCREENS			LOADER															
DC . DP SIZE	KG / M	GRADE	MIN.ID	TOOL JT. O.D.	TYPE THREAD	# OF JOINTS	PUMP MANUFACTURER	PUMP TYPE	STROKE LTH.	TOP	115	TOP	120	CREW VEHICLE														
102	20.83	E	85	102		230	EMSCO	F800	229	MIDDLE	115	MIDDLE	115	CATCH TANKS														
102	41.64	HEVI W	65	102		30	EMSCO	F800	229	BOTTOM	80	BOTTOM		PENLESS RECORDER														
CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL	
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING							
MORN		11.50			0.25		0.25																				12.00	
DAY		10.25					0.25			1.50																	12.00	
EVE																												
TOTAL		21.75			0.25		0.50			1.50																	24.00	

NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

1 BIT/ MILLS

O.D.mm

0.25

m

BIT NO.

1

1 DIRECTION

171

38.95

m

SIZE (mm)

216.0

1 X.O.

165

0.94

m

IADC CODE

3 D.C.

165

28.65

m

MFG.

DOWDCO

1 JAR

160

9.84

m

Type

TM-266

1 D.C.

165

9.56

m

SERIAL NO.

D-1266

1 X.O.

162

0.22

m

JETS (mm)

6

X

11.5

22 H.W.D.P.

101

201.57

m

DEPTH IN (m)

560.00

m

DEPTH OUT (m)

m

TOTAL METER

241.00

m

TOTAL HOURS

12.50

26 DRILLPIPE STANDS

499.66

m

INNER

OUTER

DULL

LOCATION

BEARINGS

GAGE (mm)

OTHER

REASON

F.O.P

DRILLPIPE SINGLES

m

KELLY DOWN

11.11

m

TOTAL

800.75

m

F.D.C.

20

1000

dan

DRAG

dan

1 UP 1 DOW

690.00

0.06

251

WT. OF STRING

29

1000

dan

TORQUE

418

738.90

1.10

1

DRILLERS SIGNATURE

KEVIN BERGSON

FILL m

767.00

2.00

14.3

WATER BASED

OIL BASED

X

TIME

330

700

900

DENSITY kg/m3

910

910

910

FUNNEL VIS s/l

62

62

60

W.L. cm/ FILCK

PH

p.v.1

32.00

30.70

28.50

MUD MATERIALS USED

TYPE

QTY

UNITS

floor/drv

2

SX

BASE OIL

5

M3

INVERT

10

M3

FROM

TO

DRILL/ REAM/CR.

ROTARY R.P.M.

WT. ON BIT

580.00

801.00

D

37

2

FROM

TO

ELAPSED TIME

CODE

0

515

5.25

2

515

530

0.25

5

530

545

0.25

7

545

1200

6.25

2

Clrc. Press (kPa)

PUMP NO. 1

PUMP NO. 2

9310

152.0

110

152.0

REDUCED PUMP SPEED

3240

@

58

@

790

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS

INTAKE

OVERFLOW

UNDERFLOW

0.00

CENTRIFUGE

HOURS

INTAKE

OVERFLOW

UNDERFLOW

3.00

910

850

1700

HOURS

INTAKE

OVERFLOW

UNDERFLOW

12.00

910

850

1650

DEVIATION SURVEY

DEPTH (m)

DEVIATION

DIRECTION

594.00

0.03

246.1

HRS. RUN

PH

STACK deg

12.00

10.5

400

MACP

6470

MAX HOOKLOAD

30

Notes: CHECK CROWN SAVER AND BRAKES

m]=1839 tm]=132520 ll=1350

EXTRA DAY SHIFT

LICENCE NO. :
WELL NAME AND NO. :
ANADARKO NETLA A-68

OPERATOR :
ANADARKO CANADA ENERGY

SURFACE LOCATION :
60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :
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UNIQUE I.D. :

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(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Pretormed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines
(1) Rig Site Health and Safety Meeting (one/crew/month)
(2) C.A..O.D.C. Rig Safety Inspection Checklist(one/rig/month)
(3) Mast Inspection Before Raising or Lowering
(4) Crown Saver Checked
(5) Motor Kills Checked

Opr.

R.M.

YEAR 2002

MONTH 3

DAY 3

RIG NO.:
55

FUEL @ 08:00 HRS.

RIG

BOILER

WEATHER

TEMPERATURE

CONDITIONS

WIND DIRECTION

ROAD CONDITION

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve		
																			NO.		TYPE		TYPE														
																			CHANGE SCREENS			YES	NO														
																					TOP		TOP														
DC . DP SIZE		KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		MIDDLE		MIDDLE															
																				BOTTOM		BOTTOM															
CODE NO.:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL									
OPER.		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING															
MORN																																					
DAY																																					
EVE																																					
TOTAL																																					

NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

BIT/ MILLS

O.D.mm

m

BIT NO.

m

SIZE (mm)

m

IADC CODE

m

MFG.

m

Type

m

SERIAL NO.

m

JETS (mm)

m

DEPTH IN (m)

m

DEPTH OUT (m)

m

TOTAL METER

m

TOTAL HOURS

m

DRILLPIPE STANDS

m

DRILLPIPE SINGLES

m

KELLY DOWN

m

TOTAL

m

F.D.C.

1000 dan

DRAG dan

1000 dan

TORQUE

1000 dan

FILL m

DRILLERS SIGNATURE

WATER BASED

OIL BASED

TIME

DENSITY kg/m3

FUNNEL VIS s/l

W.L. cm/ FILCK

PH

MUD MATERIALS USED

TYPE

QTY

UNITS

DEPTH (m)

DEVIATION

DIRECTION

921.00

2.80

140.4

DEVIATION SURVEY

FROM

TO

DRILL/ REAM/CR.

ROTARY R.P.M.

WT. ON BIT

Circ. Press (kPa)

PUMP NO. 1

SPM

PUMP NO. 2

SPM

REDUCED PUMP SPEED

@

@

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS

INTAKE

OVERFLOW

UNDERFLOW

CENTRIFUGE

HOURS

INTAKE

OVERFLOW

UNDERFLOW

HOURS

INTAKE

OVERFLOW

UNDERFLOW

BOILER

PH

STACK deg

HRS. RUN

MACP

MAX HOOKLOAD

FROM

TO

ELAPSED TIME

CODE

Notes:

DRILLING CREW PAYROLL DATA											
NAME & NO. ANADARKO NETLA A-68						YEAR 2002		MONTH 3		DAY 3	
OPERATOR ANADARKO CANADA ENERGY					CONTRACTOR AKITA DRILLING LTD.						
RIG MANAGER TONY IRWIN								RIG NO. 55			
PROVINCE N.W.T.					CAMP ☒ YES ☐ NO			RIG SAFETY DAYS 2144			
EVENING TOUR		FROM		0		TO		1200		INJURIES	
CREW		SOC INS NO		NAME			HOURS		YES		NO
DRILLER				KEVIN BERGSON			12.00				KB
DERRICK HAND				TIM PREBOY			12.00				TP
MOTOR HAND				ANDY ALBERT			12.00				AA
FLOOR HAND				JIM NEMETH			12.00				JN
FLOOR HAND				PETER MANWART			12.00				PM
LEASE HAND				DARREN HAZENBERG			12.00				DH
RATE SCHEDULE				REGULAR				REPAIR		X INVERT	
				CREW SAFETY DAYS							
				13							
DAY TOUR		FROM		1200		TO		2400		INJURIES	
CREW		SOC INS NO		NAME			HOURS		YES		NO
DRILLER				DAVE RYAN			12.00				DR
WELL SITE CORD				LOUIS SIMONKA			12.00				LS
DERRICK HAND				MIKE BARANIUK			12.00				MB
MOTOR HAND				Graeme McWha			12.00				GM
FLOOR HAND				JOHN PAUL			12.00				JP
FLOOR HAND				MICHAEL SAM			12.00				MS
LEASE HAND				MOISE PUNCH			12.00				MP
RATE SCHEDULE				REGULAR				REPAIR		X INVERT	
				CREW SAFETY DAYS							
				10							

EVENING SHIFT

LICENCE NO. :
WELL NAME AND NO. :
ANADARKO NETLA A-68

OPERATOR :
ANADARKO CANADA ENERGY

CONTRACTOR :
AKITA DRILLING LTD.

SURFACE LOCATION :
60:47:07.40 N 122:41:38.90 E

UNIQUE I.D. :

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

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(3) H2S Signs Posted(If Required)
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(5) Flare Lines Slaked
(6) BOP Drills Preformed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines

Opr.

R.M.

JE

TI

JE

TI

JE

TI

JE

TI

JE

TI

JE

TI

YEAR 2002 MONTH 3 DAY 2

RIG NO.:55

FUEL @ 08:00 HRS.

RIG 110 BOILER 136

TEMPERATURE -12

CONDITIONS

WIND DIRECTION

ROAD CONDITION SNOW

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

JIM ELLIOTT														TONY IRWIN														SAFETY TOPIC									
LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve		
																			NO.	TYPE		TYPE		CENTRIFUGE													
																			CHANGE SCREENS			YES		NO	CAMP WATER SYSTEM												
																			TOP 120		TOP 120		CREW VEHICLE														
DC. DP SIZE	KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		MIDDLE		MIDDLE		CATCH TANKS														
102	20.83		E		85		102				230		EMSCO		F800		229						PENLESS RECORDER														
102	41.64		HEVI W		65		102				30		EMSCO		F800		229		BOTTOM		BOTTOM																
CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL										
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																
MORN					2.00	3.50		5.00							1.00									0.50		12.00											
DAY	1.00				0.75	4.00	0.25							1.00						2.50	0.75	1.75			12.00												
EVE																																					
TOTAL	1.00				2.75	7.50	0.25	5.00						2.00						2.50	0.75	1.75		0.50		24.00											

NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

BIT/MILLS

O.D. mm

m

BIT NO.

SIZE (mm)

m

IADC CODE

m

MFG.

m

Type

m

SERIAL NO.

m

JETS (mm)

m

DEPTH IN (m)

m

DEPTH OUT (m)

m

TOTAL METER

m

TOTAL HOURS

m

DRILLPIPE STANDS

m

DRILLPIPE SINGLES

m

KELLY DOWN

m

TOTAL

m

WT. OF D.C.

1000

DRAG dan

1000

TORQUE

1000

FILL m

DRILLERS SIGNATURE

KEVIN BERGSON

WATER BASED

OIL BASED

X

TIME

DENSITY kg/m3

FUNNEL VIS s/l

W.L. cm/ FILCK

PH

PVT

41.30

MUD MATERIALS USED

TYPE

QTY

UNITS

FROM

TO

DRILL/ REAM/CR.

ROTARY R.P.M.

WT. ON BIT

Clrc. Press (kPa)

PUMP NO. 1

PUMP NO. 2

LINER(mm)

SPM

LINER(mm)

SPM

REDUCED PUMP SPEED

@

@

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS

INTAKE

OVERFLOW

UNDERFLOW

CENTRIFUGE

HOURS

INTAKE

OVERFLOW

UNDERFLOW

2

HOURS

INTAKE

OVERFLOW

UNDERFLOW

BOILER

HRS. RUN

PH

STACK deg

MACP

MAX HOOKLOAD

Notes: check crown saver and brakes

blew boiler down 3 times

mj=1117 tmj=131798 ll=131798 - changed out lower kelly cock- add

DAY SHIFT

LICENCE NO. :

WELL NAME AND NO. :

ANADARKO NETLA A-68

OPERATOR :

ANADARKO CANADA ENERGY

SURFACE LOCATION :

60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :

AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

JIM ELLIOTT

TONY IRWIN

SAFETY TOPIC

BOP FIREDRILL

LAST CASING TUBING OR LINER

O.D. mm

MIN. I.D

kg/m

MAKE

GRADE

OF JOINTS

TOTAL (m)

KB TO CSG.

SET AT (m)

SHALE SHAKER(S)

RENTALS / SERVICES

Morn

Day

Eve

NO.

TYPE

TYPE

CENTRIFUGE

CHANGE SCREENS

Y

6

CAMP WATER SYSTEM

TOP

120

TOP

120

CREW VEHICLE

MIDDLE

MIDDLE

CATCH TANKS

BOTTOM

BOTTOM

PENLESS RECORDER

DC. DP SIZE

KG / M

GRADE

MIN. ID

TOOL JT. O.D.

TYPE THREAD

OF JOINTS

PUMP MANUFACTURER

PUMP TYPE

STROKE LTH.

102

20.83

E

85

102

230

EMSCO

F800

229

102

41.64

HEVI W

65

102

30

EMSCO

F800

229

MIDDLE

MIDDLE

PENLESS RECORDER

CODE NO.:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

TOTAL

OPER.

RIGUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

COND. MUD & CIRC.

TRIPS

RIG SERVICE

REPAIR RIG

CUT OFF ORLG. LINE

DEV. SURVEY

WIRELINE LOGS

RUN CSG. & CEMENT

WAIT ON CEMENT

NIPPLE UP B.O.P

TEST B.O.P.

DRILL STEM

PLUG BACK

SQUEEZE CEMENT

FISHING

DIRECTIONAL WORK

SAFETY MEETING

MORN

DAY

EVE

TOTAL

1.00

0.75

4.00

0.25

5.00

2.00

2.50

0.75

1.75

0.50

24.00

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

1

BIT/ MILLS

O.D. mm

0.25

m

BIT NO.

1

1

DIRECTION

159

38.95

m

SIZE (mm)

216.0

3

D.C.

165

28.65

m

IADC CODE

1

JAR

160

9.84

m

1

D.C.

165

9.56

m

MFG.

DOWDCO

1

X.O.

162

0.22

m

22

H.W.D.P.

101

201.57

m

14

DRILLPIPE

STANDS

268.94

m

1

DRILLPIPE

SINGLES

9.59

m

KELLY DOWN

12.25

m

TOTAL

580.76

m

F.D.C.

20

1000

dan

DRAG

0

WT. OF STRING

27

1000

dan

TORQUE

324

FILL

0.00

DRILLERS SIGNATURE

DAVE RYAN

WATER BASED

OIL BASED

X

TIME

2200

2400

560.00

565.00

D

37

2

DENSITY kg/m3

910

915

FUNNEL VIS s/l

65

62

W.L. cm/ FILCK

PH

P.V.T.

37.80

34.10

MUD MATERIALS USED

TYPE

QTY

UNITS

INVERT

58

M3

CARBO-GEL

5

SX

REDUCED PUMP SPEED

3200

@

57

@

SOLIDS CONTROL EQUIPMENT

HOURS

INTAKE

OVERFLOW

UNDERFLOW

0.00

CENTRIFUGE

HOURS

INTAKE

OVERFLOW

UNDERFLOW

6.00

HOURS

INTAKE

OVERFLOW

UNDERFLOW

0.00

DEPTH (m)

DEVIATION

DIRECTION

565.00

0.03

196.5

BOILER

HRS. RUN

PH

STACK deg

12.00

10.5

400

MACP

6470

MAX HOOKLOAD

28

FROM

TO

ELAPSED TIME

CODE

1200

1230

0.50

6

TRIPS-RACKED BACK 9 STANDS DRILL PIPE , 2 STANDS OF COLLARS

1230

1245

0.25

21

SAFETY MTG. -BOP FIRE DRILL WHILE TRIPPING

1245

1330

0.75

6

TRIPS LAY DOWN FIVE COLLARS

1330

1345

0.25

21

SAFETY MTG.- RIG CREW WITH MUD MOTOR HAND MWD

1345

1530

1.75

20

DIR. WORK- pick up mud motor ,monels,jars and jewellery

1530

1645

1.25

6

TRIPS-RIH

1645

1700

0.25

7

RIG SERVICE -FUNCTION MOTOR KILLS- 4 SECS

1700

1745

0.75

20

DIR. WORK-KELLY UP TO TEST MWD TOOL

1745

1915

1.50

6

TRIPS-RIH-539.69 METRES

1915

2000

0.75

5

DRILL-kellu up to drill out shoe

2000

2015

0.25

21

SAFETY MTG. B.O.P

2015

2200

1.75

22

DRILL OUT FLOAT, CEMENT AND SHOE PLUS 5m NEW HOLE 560-565m

2200

2300

1.00

15

TEST , LEAK OFF, EQUIVELANT MUD WT 2100

2300

2400

1.00

2

DRILL F/ 565m-580m

2400

Notes: CONDUCTED FIRE DRILL WHILE TRIPPING 45 SECS TO CLOSE IN WELL

function upper and lower plpe rams 4 secs each

DRILLING CREW PAYROLL DATA									
NAME & NO. ANADARKO NETLA A-68						YEAR 2002	MONTH 3	DAY 2	
OPERATOR ANADARKO CANADA ENERGY				CONTRACTOR AKITA DRILLING LTD.					
RIG MANAGER TONY IRWIN							RIG NO. 55		
PROVINCE N.W.T.				CAMP ☒ YES ☐ NO			RIG SAFETY DAYS 12		
EVENING TOUR		FROM 0		TO 1200		INJURIES			
CREW	SOC INS NO	NAME		HOURS		YES	NO		
DRILLER		KEVIN BERGSON		12.00			KB		
DERRICK HAND		TIM PREBOY		12.00			TP		
MOTOR HAND		ANDY ALBERT		12.00			AA		
FLOOR HAND		JIM NEMETH		12.00			JN		
FLOOR HAND		PETER MANWART		12.00			PM		
LEASE HAND		DARREN HAZENBERG		12.00			DH		
RATE SCHEDULE			REGULAR		REPAIR	X	INVERT		
		CREW SAFETY DAYS							
		12							
DAY TOUR		FROM 1200		TO 2400		INJURIES			
CREW	SOC INS NO	NAME		HOURS		YES	NO		
DRILLER		DAVE RYAN		12.00			DR		
WELL SITE CORD		LOUIS SIMONKA		12.00			LS		
DERRICK HAND		MIKE BARANIUK		12.00			MB		
MOTOR HAND		Graeme McWha		12.00			GM		
FLOOR HAND		JOHN PAUL		12.00			JP		
FLOOR HAND		MICHAEL SAM		12.00			MS		
LEASE HAND		MOISE PUNCH		12.00			MP		
RATE SCHEDULE			REGULAR		REPAIR	X	INVERT		
		CREW SAFETY DAYS							
		9							

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	
OPERATOR. : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :		(1) Rig NO.: 55 (2) FUEL @ 08:00 HRS. (3) RIG 125 (4) BOILER 175	
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		(1) TEMPERATURE -27 (2) CONDITIONS (3) WIND DIRECTION (4) ROAD CONDITION ICE	

JIM ELLIOTT										TONY IRWIN										SAFETY TOPIC														
LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES						Morn	Day	Eve			
																			NO.		TYPE		TYPE		CENTRIFUGE									
																			CHANGE SCREENS		YES		NO		CAMP WATER SYSTEM									
																			TOP		120		TOP		120		CREW VEHICLE							
DC . DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		MIDDLE		MIDDLE		CATCH TANKS										
102		20.83		E		85		102				230		EMSCO		F800		229																
102		41.64		HEVI W		65		102				30		EMSCO		F800		229		BOTTOM		BOTTOM		PENLESS RECORDER										
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL							
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING	handl tools												
MORN								12.00																		12.00								
DAY								3.00						8.25								0.75				12.00								
EVE																																		
TOTAL								15.00						8.25								0.75				24.00								
DRILLING ASSEMBLY (AT END OF TOUR)										BIT RECORD					MUD RECORD					METERS DRILLED					TIME LOG					TIME DETAIL				
NO.	BIT/ MILLS	O.D.mm	m	BIT NO.			WATER BASED ☐ OIL BASED ☐					FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE														
			m	SIZE (mm)			TIME										0	230	2.50	8	TEST B.O.P. pressure test upper and lower pipe rams,rubbers won't seal													
			m	IADC CODE			DENSITY kg/m3										230	800	5.50	8	change rubbers on upper pipe rams, pick up stack, to adjust B.O.P,													
			m	MFG.			FUNNEL VIS s/l										800	1200	4.00	8	SO LOWER PIPE RAM DOOR WILL OPEN													
			m	Type			W.L cm/ FILCK										1200																	
			m	SERIAL NO.			PH																											
			m	JETS (mm)			MUD MATERIALS USED					REDUCED PUMP SPEED																						
			m	DEPTH IN (m)			TYPE	QTY	UNITS						SOLIDS CONTROL EQUIPMENT																			
			m	DEPTH OUT (m)								DESILTER					HOURS	INTAKE	OVERFLOW	UNDERFLOW														
			m	TOTAL METER								CENTRIFUGE					HOURS	INTAKE	OVERFLOW	UNDERFLOW														
			m	TOTAL HOURS																														
DRILLPIPE	STANDS		m	INNER	OUTER	DULL	LOCATION	BEARINGS	GAGE/mm	OTHER	REASON	R.O.P.	DEVIATION SURVEY																					
DRILLPIPE	SINGLES		m				DEPTH (m)	DEVIATION	DIRECTION																									
KELLY DOWN			m									HRS. RUN					BOILER PH					STACK deg												
TOTAL			m									12.00					10.0					370												
WT. OF STRING			m									MACP																						
DRILLERS SIGNATURE										KEVIN BERGSON										MAX HOOKLOAD														

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Pretormed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :		(1) Rig NO.: 55 (2) FUEL @ 08:00 HRS. (3) RIG 125 (4) BOILER 175	
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		(1) TEMPERATURE -27 (2) CONDITIONS (3) WIND DIRECTION (4) ROAD CONDITION ICE	

JIM ELLIOTT														TONY IRWIN														SAFETY TOPIC						pressure testing							
LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve						
																			NO.		TYPE		TYPE		CENTRIFUGE																
																			CHANGE SCREENS				YES		NO		CAMP WATER SYSTEM														
	DC . DP SIZE		KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		TOP		120		TOP		120		CREW VEHICLE												
	102		20.83		E		85		102				230		EMSCO		F800		229		MIDDLE				MIDDLE				CATCH TANKS												
102		41.64		HEVI W		65		102				30		EMSCO		F800		229		BOTTOM				BOTTOM				PENLESS RECORDER													
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL														
OPER.	RISUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR/RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING	handl tools																			
MORN								12.00							8.25							0.75						12.00													
DAY								3.00																				12.00													
EVE																																									
TOTAL								15.00							8.25							0.75						24.00													

[illegible]

DRILLING CREW PAYROLL DATA									
WELL NAME & NO. ANADARKO NETLA A-68						YEAR 2002	MONTH 3	DAY 1	
OPERATOR ANADARKO CANADA ENERGY				CONTRACTOR AKITA DRILLING LTD.					
RIG MANAGER TONY IRWIN							RIG NO. 55		
PROVINCE N.W.T.				CAMP ☒ YES ☐ NO			RIG SAFETY DAYS 11		
EVENING TOUR		FROM	0		TO	1200		INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		KEVIN BERGSON			12.00			KB	
DERRICK HAND		TIM PREBOY			12.00			TP	
MOTOR HAND		ANDY ALBERT			12.00			AA	
FLOOR HAND		JIM NEMETH			12.00			JN	
FLOOR HAND		PETER MANWART			12.00			PM	
LEASE HAND		DARREN HAZENBERG			12.00			DH	
RATE SCHEDULE		X		REGULAR		REPAIR		INVERT	
				CREW SAFETY DAYS					
				11					
DAY TOUR		FROM	1200		TO	2400		INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		DAVE RYAN			12.00			DR	
WELL SITE CORD		LOUIS SIMONKA			12.00			LS	
DERRICK HAND		MIKE BARANIUK			12.00			MB	
MOTOR HAND		Graeme McWha			12.00			GM	
FLOOR HAND		JOHN PAUL			12.00			JP	
FLOOR HAND		MICHAEL SAM			12.00			MS	
LEASE HAND		MOISE PUNCH			12.00			MP	
RATE SCHEDULE		X		REGULAR		REPAIR		INVERT	
				CREW SAFETY DAYS					
				8					

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Pretormed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		RIG NO.: 55	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.				FUEL @ 08:00 HRS.	
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :				RIG BOILER	
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked		WEATHER TEMPERATURE -28 CONDITIONS WIND DIRECTION ROAD CONDITION SLIPPERY	

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)			RENTALS / SERVICES			Morn	Day	Eve		
																			NO.	TYPE	TYPE	CENTRIFUGE							
																			CHANGE SCREENS			YES	NO	CAMP WATER SYSTEM					
																			TOP	120	TOP	120	CREW VEHICLE						
DC . DP SIZE	KG / M		GRADE	MIN.ID	TOOL JT. O.D.	TYPE THREAD		# OF JOINTS	PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.					MIDDLE		MIDDLE		CATCH TANKS							
102	20.83		E	85	102			230	EMSCO		F800		229																
102	41.64		HEVI W	65	102			30	EMSCO		F800		229					BOTTOM		BOTTOM		PENLESS RECORDER							

NO	DRILLING ASSEMBLY (AT END OF TOUR)			BIT RECORD			MUD RECORD			METERS DRILLED					TIME LOG				TIME DETAIL	
	BIT/ MILLS	O.D. mm		BIT NO.			WATER BASED		OIL BASED		FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME		CODE
			m	SIZE (mm)			TIME									0	1200	12.00	14	NIPPLE UP B.O.P. ,HOOK UP MANIFOLD SHACK AND MANIFOLD LINES
			m	IADC CODE			DENSITY kg/m3									1200				
			m	FUNNEL VIS s/l			FUNNEL VIS s/l													
			m	MFG.			W.L. cm/ FILCK													
			m	Type			PH						Circ. Press (kPa)	PUMP NO. 1 LINER(mm)	SPM	PUMP NO. 2 LINER(mm)	SPM			
			m	SERIAL NO.																
			m	JETS (mm)																
			m	DEPTH IN (m)																
			m	DEPTH OUT (m)																
			m	TOTAL METER																
			m	TOTAL HOURS																
	DRILLPIPE	STANDS	m	INNER	OUTER	DULL	LOCATION	BEARINGS	GAGE(mm)	OTHER	REASON	R.O.B.								
	DRILLPIPE	SINGLES	m																	
	KELLY DOWN		m																	
	TOTAL		m																	
	WT. OF D.C.		1000 dan																	
	WT. OF STRING		1000 dan																	
DRILLERS SIGNATURE KEVIN BERGSON																				

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Slaked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines		RIG NO.: 55	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked		JE FUEL @ 08:00 HRS. RIG BOILER	
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :				WEATHER	
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)				TEMPERATURE -28 CONDITIONS WIND DIRECTION ROAD CONDITION SLIPPERY	

JIM ELLIOTT	GARY FORTH	SAFETY TOPIC	
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[illegible][illegible]

DRILLING CREW PAYROLL DATA

WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO NETLA A-68		2002	2	28
OPERATOR		CONTRACTOR		
ANADARKO CANADA ENERGY		AKITA DRILLING LTD.		
RIG MANAGER			RIG NO.	
GARY FORTH			55	
PROVINCE	CAMP	☒ YES	☐ NO	RIG SAFETY DAYS
N.W.T.				10

[illegible]

RATE SCHEDULE	X	REGULAR		REPAIR		INVERT
		CREW SAFETY DAYS				
		10				

DAY TOUR	FROM	1200	TO	2400	INJURIES		
	SOC. INS. NO.	NAME			HOURS	YES	NO
DRILLER		DARRELL LAPLANTE			8.00		DL
DERRICK HAND		CLINTON GALLIFORD			8.00		CG
MOTOR HAND		JOHN WIPF			8.00		JW
FLOOR HAND		WYATT Boucher			8.00		WB
LEASE HAND		TOM STEWART			8.00		TS
DRILLER		DAVE RYAN			8.00		DR
WELL SITE CORD		LOUIS SIMONKA			8.00		LS
DERRICK HAND		MIKE BARANIUK			8.00		MB
MOTOR HAND		Graeme McWha			8.00		GM
FLOOR HAND		JOHN PAUL			8.00		JP
FLOOR HAND		MICHAEL SAM			8.00		MS
LEASE HAND		MOISE PUNCH			8.00		MP

RATE SCHEDULE	X	REGULAR		REPAIR		INVERT
		CREW SAFETY DAYS				
		7				

EVENING SHIFT

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68	
OPERATOR. : ANADARKO CANADA ENERGY		CONTRACTOR: AKITA DRILLING LTD.	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :	
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)	

Opr.	R.M.	YEAR 2002	MONTH 2	DAY 27
JE	GF	RIG NO.: 55		
JE	GF	FUEL @ 08:00 HRS.		
		RIG	BOILER	
		WEATHER	TEMPERATURE	
			CONDITIONS	
			WIND DIRECTION	
			ROAD CONDITION	

JIM ELLIOTT										GARY FORTH										SAFETY TOPIC									
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LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)			RENTALS / SERVICES												Morn	Day	Eve			
																			NO.	TYPE		TYPE		CENTRIFUGE															
																			CHANGE SCREENS			YES	NO	CAMP WATER SYSTEM															
DC. DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		TOP 120		TOP 120		CREW VEHICLE															
102		20.83		E		85		102				230		EMSCO		F800		229		MIDDLE		MIDDLE		CATCH TANKS															
102		41.64		HEVI W		65		102				30		EMSCO		F800		229		BOTTOM		BOTTOM		PENLESS RECORDER															

CODE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL	
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING							
MORN					2.00	3.00	0.25					1.50		3.25								0.75	1.25					12.00
DAY							0.25							3.00								8.75						12.00
EVE																												
TOTAL					2.00	3.00	0.50					1.50		6.25								9.50	1.25					24.00

NO. DRILLING ASSEMBLY (AT END OF TOUR)				BIT RECORD				MUD RECORD				METERS DRILLED				TIME LOG				TIME DETAIL					
BIT/ MILLS	O.D.mm			BIT NO.				WATER BASED	OIL BASED			FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE					
				SIZE (mm)				TIME									0	130	1.50	12	CEMENTING				
				ADC CODE				DENSITY kg/m3									130	330	2.00	5	DISPLACE CSG.				
				MFG.				FUNNEL VIS s/l									330	415	0.75	22	RIG OUT PACK OFF TOOL				
				Type				W.L. cm/ FILCK						Circ. Press (kPa)	PUMP NO. 1	PUMP NO. 2	415	430	0.25	7	RIG SERVICE				
				SERIAL NO.				PH							LINER(mm)	SPM	LINER(mm)	SPM	430	545	1.25	23	RIG TO AND BLOW FLUID LINES/ KELLY / RAT HOLE		
				JETS (mm)													545	845	3.00	6	TRIPS P.O.O.H				
				DEPTH IN (m)													845	1200	3.25	14	NIPPLE DOWN ANNULAR, READY CELLOR FOR WELDER				
				DEPTH OUT (m)													1200								
				TOTAL METER																					
				TOTAL HOURS																					
DRILLPIPE	STANDS			INNER	OUTER	DULL	LOCATION	BEARINGS	GAGE(mm)	OTHER	REASON	R.O.P.													
DRILLPIPE	SINGLES																								
KELLY DOWN																									
TOTAL																									
WT. OF D.C.				1000 dan	DRAG dan												HRS. RUN	PH	STACK deg	Notes: BRAKE S CHECK3ED CROWN SAVER FUNTIONED					
WT. OF STRING	41			1000 dan	TORQUE												12.00	0.5	380	MJ. 973 TOTAL MJ. 131654 LL1350					
				1000 dan	FILL m																				
DRILLERS SIGNATURE KEVIN BERGSON																	MACP								
																	MAX HOOKLOAD	46							

DAY SHIFT

LICENCE NO. :

WELL NAME AND NO. :

ANADARKO NETLA A-68

OPERATOR :

ANADARKO CANADA ENERGY

SURFACE LOCATION :

60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :

AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

JIM ELLIOTT

GARY FORTH

SAFETY TOPIC

FIRE WATCH

LAST CASING TUBING OR LINER

O.D. mm

MIN. I.D

kg/m

MAKE

GRADE

OF JOINTS

TOTAL (m)

KB TO CSG.

SET AT (m)

SHAPE SHAKER(S)

RENTALS / SERVICES

Morn

Day

Eve

NO.

TYPE

TYPE

CENTRIFUGE

CHANGE SCREENS

YES

NO

CAMP WATER SYSTEM

TOP 120

TOP 120

CREW VEHICLE

MIDDLE

MIDDLE

CATCH TANKS

BOTTOM

BOTTOM

PENLESS RECORDER

DC. DP SIZE

KG / M

GRADE

MIN.ID

TOOL JT. O.D.

TYPE THREAD

OF JOINTS

PUMP MANUFACTURER

PUMP TYPE

STROKE LTH.

CODE NO.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

TOTAL

OPER.

RIGUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

COND. MUD & CIRC.

TRIPS

RIG SERVICE

REPAIR RIG

CUT OFF DRLG. LINE

DEV. SURVEY

WIRELINE LOGS

RUN CSG. & CEMENT

WAIT ON CEMENT

NIPPLE UP B.O.P.

TEST B.O.P.

DRILL STEM

PLUG BACK

SQUEEZE CEMENT

FISHING

DIRECTIONAL WORK

SAFETY MEETING

MORN

DAY

EVE

TOTAL

DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

BIT/ MILLS

O.D.mm

m

BIT NO.

SIZE (mm)

m

IADC CODE

m

MFG.

m

Type

m

SERIAL NO.

m

JETS (mm)

m

DEPTHIN (m)

m

DEPTH OUT (m)

m

TOTAL METER

m

TOTAL HOURS

m

DRILLPIPE STANDS

m

DRILLPIPE SINGLES

m

KELLY DOWN

m

TOTAL

m

WT. OF D.C.

1000 dan

DRAG dan

WT. OF STRING

1000 dan

TORQUE

1000 dan

FILL m

DRILLERS SIGNATURE

DARRELL LAPLANTE

WATER BASED

OIL BASED

TIME

DENSITY kg/m3

FUNNEL VIS s/l

W.L. cm/ FILCK

PH

MUD MATERIALS USED

TYPE

QTY

UNITS

DEVIATION SURVEY

DEPTH (m)

DEVIATION

DIRECTION

BOILER

HRS RUN

PH

STACK deg

MACP

MAX HOOKLOAD

FROM

TO

DRILL/ REAM/CR.

ROTARY R.P.M.

WT. ON BIT

FROM

TO

ELAPSED TIME

CODE

1200

1500

3.00

14

1500

2345

8.75

22

2345

2400

0.25

7

REDUCED PUMP SPEED

@

0

@

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS

INTAKE

OVERFLOW

UNDERFLOW

CENTRIFUGE

HOURS

INTAKE

OVERFLOW

UNDERFLOW

HOURS

INTAKE

OVERFLOW

UNDERFLOW

BOILER

HRS RUN

PH

STACK deg

MACP

MAX HOOKLOAD

Notes: blew boiler down 3 times

DRILLING CREW PAYROLL DATA									
WELL NAME & NO. ANADARKO NETLA A-68						YEAR 2002	MONTH 2	DAY 27	
OPERATOR ANADARKO CANADA ENERGY				CONTRACTOR AKITA DRILLING LTD.					
RIG MANAGER GARY FORTH							RIG NO. 55		
PROVINCE N.W.T.				CAMP ☒ YES ☐ NO			RIG SAFETY DAYS 9		
EVENING TOUR		FROM	0		TO	1200		INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		KEVIN BERGSON			12.00			KB	
DERRICK HAND		TIM PREBOY			12.00			TP	
MOTOR HAND		ANDY ALBERT			12.00			AA	
FLOOR HAND		JIM NEMETH			12.00			JN	
FLOOR HAND		PETER MANWART			12.00			PM	
LEASE HAND		DARREN HAZENBERG			12.00			DH	
RATE SCHEDULE		X		REGULAR		REPAIR		INVERT	
				CREW SAFETY DAYS					
				9					
DAY TOUR		FROM	1200		TO	2400		INJURIES	
CREW	SOC. INS. NO.	NAME			HOURS		YES	NO	
DRILLER		DARRELL LAPLANTE			12.00			DL	
DERRICK HAND		CLINTON GALLIFORD			12.00			CG	
MOTOR HAND		JOHN WIPF			12.00			JW	
FLOOR HAND		WYATT Boucher			12.00			WB	
LEASE HAND		TOM STEWART			12.00			TS	
RATE SCHEDULE		X		REGULAR		REPAIR		INVERT	
				CREW SAFETY DAYS					
				6					

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Preformed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	
OPERATOR. : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A.O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :			
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)			

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m'		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve																				
																			NO.		TYPE		TYPE		CENTRIFUGE																														
																									CAMP WATER SYSTEM																														
																			CHANGE SCREENS		YES		NO																																
																			TOP		120		TOP		120		CREW VEHICLE																												
DC . DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		MIDDLE		MIDDLE		CATCH TANKS																															
102		20.83		E		85		102				230		EMSCO		F800		229																																					
102		41.64		HEVI W		65		102				30		EMSCO		F800		229		BOTTOM		BOTTOM		PENLESS RECORDER																															
CODE NO.		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		TOTAL	
OPER.		RIGUP & TEARDOWN		DRILL ACTUAL		REAMING		CORING		COND. MUD & CIRC.		TRIPS		RIG SERVICE		REPAIR RIG		CUT OFF DRLG. LINE		DEV. SURVEY		WIRELINE LOSS		RUN CSG. & CEMENT		WAIT ON CEMENT		RIPPLE UP B.O.P.		TEST B.O.P.		DRILL STEM		PLUG BACK		SQUEEZE CEMENT		FISHING		DIRECTIONAL WORK		SAFETY MEETING													
MORN				1.25						2.75		7.50								0.25				0.25																								12.00							
DAY										2.75		4.00												4.75																								12.00							
EVE																																																							
TOTAL				1.25						5.50		11.50								0.25				5.00																										24.00					

[illegible]

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A., O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Skills Checked	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :			
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)			

JIM ELLIOTT										GARY FORTH										SAFETY TOPIC																																							
LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve																								
																			NO.		TYPE		TYPE		CENTRIFUGE																																		
																			CHANGE SCREENS		YES		NO		CAMP WATER SYSTEM																																		
																			TOP		120		TOP		120		CREW VEHICLE																																
DC. DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		MIDDLE		MIDDLE		CATCH TANKS																																			
102		20.83		E		85		102				230		EMSCO		F800		229																																									
102		41.64		HEVI W		65		102				30		EMSCO		F800		229		BOTTOM		BOTTOM		PENLESS RECORDER																																			
CODE NO.		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		TOTAL					
OPER.		RIGUP & TEARDOWN		DRILL ACTUAL		REAMING		CORING		COND. MUD & CIRC.		TRIPS		RIG SERVICE		REPAIRRIG		CUT OFF DR.L.G. LINE		DEV. SURVEY		WIRELINE LOGS		RUN CSG. & CEMENT		WAIT ON CEMENT		NIPPLE UP B.O.P.		TEST B.O.P.		DRILL STEM		PLUG BACK		SQUEEZE CEMENT		FISHING		DIRECTIONAL WORK		SAFETY MEETING																	
MORN				1.25						2.75		7.50								0.25				0.25																										12.00									
DAY										2.75		4.00												4.75																								0.50				12.00							
EVE																																																											
TOTAL				1.25						5.50		11.50								0.25				5.00																										24.00									
NO. DRILLING ASSEMBLY (AT END OF TOUR)										BIT RECORD										MUD RECORD										METERS DRILLED										TIME LOG										TIME DETAIL									
BIT/ MILLS		O.D. mm		m		BIT NO.						WATER BASED		X		OIL BASED				FROM		TO		DRILL/ REAM/CR.		ROTARY R.P.M.		WT. ONBIT		FROM		TO		ELAPSED TIME		CODE																							
				m		SIZE (mm)						TIME																		1200		1215		0.25		12				RUN CASE , RIG UP																			
				m		IADC CODE						DENSITY kg/m3																		1215		1230		0.25		21				SAFETY MTG.																			
				m		MFG.						FUNNEL VIS s/l																		1230		1700		4.50		12				RUN CASE																			
				m		Type						W.L. cm/ FILCK																		1700		1815		1.25		5				CIRC CASING																			
				m		SERIAL NO.						PH																		1815		2215		4.00		6				TRIPS RUN IN CEMENT STINGER																			
				m		JETS (mm)																								2215		2345		1.50		5				CIRCULATE CSG.																			
				m		DEPTH IN (m)						MUD MATERIALS USED																		2345		2400		0.25		21				SAFETY MTG. FOR CEMENTING																			
				m		DEPTH OUT (m)						TYPE		QTY		UNITS														2400																													
				m		TOTAL METER																																																					
				m		TOTAL HOURS																																																					
DRILLPIPE		STANDS		m		INNER		OUTER		DULL		LOCATION		BEARINGS		GAGE/mm		OTHER		REASON		R.O.P.																																					
DRILLPIPE		SINGLES		m																																																							
KELLY DOWN				m																																																							
TOTAL OF D.C.				m																																																							
WT. OF STRING				m																																																							
DRILLERS SIGNATURE										DARRELL LAPLANTE										MACP										0										MAX HOOKLOAD																			

DRILLING CREW PAYROLL DATA

WELL NAME & NO. ANADARKO NETLA A-68		YEAR 2002	MONTH 2	DAY 26
OPERATOR ANADARKO CANADA ENERGY		CONTRACTOR AKITA DRILLING LTD.		
RIG MANAGER GARY FORTH			RIG NO. 55	
PROVINCE N.W.T.	CAMP ☒ YES ☐ NO		RIG SAFETY DAYS 8	

[illegible]

RATE SCHEDULE	X	REGULAR		REPAIR		INVERT
		CREW SAFETY DAYS				
		8				

[illegible]

RATE SCHEDULE	X	REGULAR		REPAIR		INVERT
		CREW SAFETY DAYS				
		5				

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :			
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)			

JIM ELLIOTT										GARY FORTH										SAFETY TOPIC																	
LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES								Morn	Day	Eve				
																			NO.		TYPE		TYPE		CENTRIFUGE												
																			CHANGE SCREENS		YES		NO		CAMP WATER SYSTEM												
																			TOP		120		TOP		120		CREW VEHICLE										
																					MIDDLE		MIDDLE		CATCH TANKS												
																				BOTTOM		BOTTOM		PENLESS RECORDER													
DC . DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.																			
102		20.83		E		85		102				230		EMSCO		F800		229																			
102		41.64		HEVI W		65		102				30		EMSCO		F800		229																			
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL										
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																
MORN		1.75	0.50		1.25	8.50																								12.00							
DAY			5.75		0.50	4.75	0.25		0.75																					12.00							
EVE																																					
TOTAL		1.75	6.25		1.75	13.25	0.25		0.75																					24.00							
NO.		DRILLING ASSEMBLY (AT END OF TOUR)				BIT RECORD				MUD RECORD				METERS DRILLED				TIME LOG				TIME DETAIL															
	BIT/ MILLS	O.D.mm	0.30	m	BIT NO.	2								FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE															
2	D.C.		17.43	m										245.00	550.00	R	200	3	1200	1300	1.00	6	TRIPS P.O.O.H														
1	X.O.		0.67	m	SIZE (mm)	311.0													1300	1500	2.00	6	TRIPS CHANGE OUT BIT, R,I,H														
9	D.C.		85.65	m	IADC CODE														1500	1545	0.75	9	CUT OFF DRLL LINE 10m														
1	X.O.		0.62	m															1545	1730	1.75	6	TRIPS r.i.h pick up 19 single d.p. ream most of the way to btm														
1	H.W.D.P.		9.50	m	MFG.	hughes								Circ. Press (kPa):		PUMP NO. 1	PUMP NO. 2		1730	2315	5.75	3	REAMING from 245 to 550m.														
1	X.O.		0.22	m										5100	152.0	85	152.0	85	2315	2330	0.25	7	RIG SERVICE														
				m	Type	gt-1										REDUCED PUMP SPEED			2330	2400	0.50	5	COND MUD & CIRC														
				m	SERIAL No.	x16s																															
				m	JETS (mm)	3 X 15.5																															
				m	DEPTH IN (m)	550.00																															
				m	DEPTH OUT (m)																																
				m	TOTAL METER	0.00																															
				m	TOTAL HOURS	0.00																															
	DRILLPIPE	STANDS	422.59	m																																	
1	DRILLPIPE	SINGLES	9.60	m	INNER	OUTER	DULL	LOCATION	BEARINGS	GAGE(mm)	OTHER	REASON	R.O.P.																								
KELLY DOWN		3.42		m										DEVIATION SURVEY																							
														DEPTH (m)		DEVIATION		DIRECTION																			
TOTAL		550.00		m	DRAG dan										HRS. RUN		PH		STACK deg		Notes: checked crown saver Inspected brakelinkage																
WT. OF D.C.		19		1000 dan	TORQUE										12.00		9.5		380		boiler blown 3@15 sec.																
WT. OF STRING		28		1000 dan	FILL m										MACP																						
DRILLERS SIGNATURE		DARRELL LAPLANTE												MAX HOOKLOAD		36																					

DRILLING CREW PAYROLL DATA											
WELL NAME & NO. ANADARKO NETLA A-68						YEAR 2002		MONTH 2		DAY 25	
OPERATOR ANADARKO CANADA ENERGY					CONTRACTOR AKITA DRILLING LTD.						
RIG MANAGER GARY FORTH								RIG NO. 55			
PROVINCE N.W.T.					CAMP ☒ YES ☐ NO			RIG SAFETY DAYS 7			
EVENING TOUR		FROM 0		TO 1200				INJURIES			
CREW		SOC INS NO		NAME		HOURS				YES NO	
DRILLER				KEVIN BERGSON		12.00				KB	
DERRICK HAND				TIM PREBOY		12.00				TP	
MOTOR HAND				ANDY ALBERT		12.00				AA	
FLOOR HAND				JIM NEMETH		12.00				JN	
FLOOR HAND				PETER MANWART		12.00				PM	
LEASE HAND				DARREN HAZENBERG		12.00				DH	
RATE SCHEDULE		X		REGULAR				REPAIR			
				CREW SAFETY DAYS							
				7							
DAY TOUR		FROM 1200		TO 2400				INJURIES			
CREW		SOC INS NO		NAME		HOURS				YES NO	
DRILLER				DARRELL LAPLANTE		12.00				DL	
DERRICK HAND				CLINTON GALLIFORD		12.00				CG	
MOTOR HAND				JOHN WIPF		12.00				JW	
FLOOR HAND				WYATT Boucher		12.00				WB	
LEASE HAND				TOM STEWART		12.00				TS	
RATE SCHEDULE		X		REGULAR				REPAIR			
				CREW SAFETY DAYS							
				4							

EVENING SHIFT

LICENCE NO. :

WELL NAME AND NO. :
ANADARKO NETLA A-68

OPERATOR :
ANADARKO CANADA ENERGY

CONTRACTOR :
AKITA DRILLING LTD.

SURFACE LOCATION :
60:47:07.40 N 122:41:38.90 E

UNIQUE I.D. :

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

JIM ELLIOTT

GARY FORTH

SAFETY TOPIC

LAST CASING TUBING OR LINER

O.D. mm

MIN. I.D

kg/m

MAKE

GRADE

OF JOINTS

TOTAL (m)

KB TO CSG.

SET AT (m)

SHALE SHAKER(S)

NO.

TYPE

TYPE

RENTALS / SERVICES

Morn

Day

Eve

CHANGE SCREENS

TOP

120

MIDDLE

MIDDLE

BOTTOM

BOTTOM

CENTRIFUGE

CAMP WATER SYSTEM

CREW VEHICLE

CATCH TANKS

PENLESS RECORDER

DC. DP SIZE

KG / M

GRADE

MIN. ID

TOOL JT. O.D.

TYPE THREAD

OF JOINTS

PUMP MANUFACTURER

PUMP TYPE

STROKE LTH.

102

20.83

E

85

102

230

EMSCO

F800

229

102

41.64

HEVI W

65

102

30

EMSCO

F800

229

CODE NO.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

TOTAL

OPER.

MORN

DAY

EVE

TOTAL

RIGUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

COND. MUD & CIRC.

TRIPS

RIG SERVICE

REPAIR RIG

CUT OFF DRUG. LINE

DEV. SURVEY

WIRELINE LOGS

RUN CSG. & CEMENT

WAIT ON CEMENT

NIPPLE UP B.O.P

TEST B.O.P.

DRILL STEM

PLUG BACK

SQUEEZE CEMENT

FISHING

DIRECTIONAL WORK

SAFETY MEETING

FLOW CHECK

10.25

0.25

1.50

9.75

1.00

0.25

0.75

20.00

1.00

0.50

2.25

12.00

12.00

0.25

24.00

DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

NO.

BIT / MILLS

O.D.mm

0.30

m

BIT NO.

1A

SIZE (mm)

311.0

IADC CODE

MFG.

HUGHES

Type

ATJ

SERIAL NO.

P75EM

JETS (mm)

3

X

15.5

DEPTH IN (m)

0.00

DEPTH OUT (m)

TOTAL METER

429.00

TOTAL HOURS

26.00

12

DRILLPIPE

STANDS

230.59

m

DRILLPIPE

SINGLES

KELLY DOWN

12.09

m

TOTAL

429.84

m

W. D.C.

19

1000

dan

TORQUE

325

1000

dan

FILL m

0.50

WT. OF STRING

24

dan

DRILLERS SIGNATURE

KEVIN BERGSON

WATER BASED

OIL BASED

TIME

30

300

900

DENSITY kg/m3

1110

1120

1130

FUNNEL VIS s/l

50

54

43

W.L cm/ FILCK

PH

11.5

11.5

11.0

MUD MATERIALS USED

TYPE

QTY

UNITS

DEVIAISON SURVEY

DEPTH (m)

DEVIATION

DIRECTION

FROM

TO

DRILL/ REAM/CR.

ROTARY R.P.M.

WT. ON BIT

247.00

350.00

D

200

7

350.00

362.00

D

200

5

362.00

429.00

D

200

7

Circ. Press (kPa)

PUMP NO. 1

PUMP NO. 2

5700

152.0

85

152.0

85

REDUCED PUMP SPEED

1400

@

59

@

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS

INTAKE

OVERFLOW

UNDERFLOW

CENTRIFUGE

HOURS

INTAKE

OVERFLOW

UNDERFLOW

HOURS

INTAKE

OVERFLOW

UNDERFLOW

12.00

1110

1120

1800

HOURS

INTAKE

OVERFLOW

UNDERFLOW

12.00

1110

1120

1800

BOILER

HRS. RUN

PH

STACK deg

12.00

10.0

385

MACP

MAX HOOKLOAD

27

Notes: CHECKED BRAKE LINKAGE AND FUNTIONED CHECKED CROWN SAVER

BOILER BLOWN 3@15 SEC. FUNTION MOTOR KILLS

ACCULATIVE M.J.8376 TOTAL M.J. 128819

DRILLING CREW PAYROLL DATA													
WELL NAME & NO. ANADARKO NETLA A-68						YEAR 2002		MONTH 2		DAY 24			
OPERATOR ANADARKO CANADA ENERGY					CONTRACTOR AKITA DRILLING LTD.								
RIG MANAGER GARY FORTH								RIG NO. 55					
PROVINCE N.W.T.					CAMP ☒ YES ☐ NO			RIG SAFETY DAYS 6					
EVENING TOUR		FROM		0		TO		1200		INJURIES			
CREW		SOC. INS. NO.		NAME			HOURS		YES		NO		
DRILLER				KEVIN BERGSON			12.00				KB		
DERRICK HAND				TIM PREBOY			12.00				TP		
MOTOR HAND				ANDY ALBERT			12.00				AA		
FLOOR HAND				JIM NEMETH			12.00				JN		
FLOOR HAND				PETER MANWART			12.00				PM		
LEASE HAND				DARREN HAZENBERG			12.00				DH		
RATE SCHEDULE		X		REGULAR				REPAIR				INVERT	
				CREW SAFETY DAYS									
				6									
DAY TOUR		FROM		1200		TO		2400		INJURIES			
CREW		SOC. INS. NO.		NAME			HOURS		YES		NO		
DRILLER				DARRELL LAPLANTE			12.00				DL		
DERRICK HAND				CLINTON GALLIFORD			12.00				CG		
MOTOR HAND				JOHN WIPF			12.00				JW		
FLOOR HAND				WYATT Boucher			12.00				WB		
LEASE HAND				TOM STEWART			12.00				TS		
RATE SCHEDULE		X		REGULAR				REPAIR				INVERT	
				CREW SAFETY DAYS									
				3									

DRILLING CREW PAYROLL DATA											
NAME & NO. ANADARKO NETLA A-68						YEAR 2002		MONTH 2		DAY 23	
OPERATOR ANADARKO CANADA ENERGY					CONTRACTOR AKITA DRILLING LTD.						
RIG MANAGER GARY FORTH								RIG NO. 55			
PROVINCE N.W.T.					CAMP ☒ YES ☐ NO			RIG SAFETY DAYS 5			
EVENING TOUR		FROM 0		TO 1200						INJURIES	
CREW		SOC. INS. NO.		NAME		HOURS				YES NO	
DRILLER				KEVIN BERGSON		12.00				KB	
DERRICK HAND				TIM PREBOY		12.00				TP	
MOTOR HAND				ANDY ALBERT		12.00				AA	
FLOOR HAND				JIM NEMETH		12.00				JN	
FLOOR HAND				PETER MANWART		12.00				PM	
LEASE HAND				DARREN HAZENBERG		12.00				DH	
RATE SCHEDULE		X		REGULAR				REPAIR			
				CREW SAFETY DAYS							
				5							
DAY TOUR		FROM 1200		TO 2400						INJURIES	
CREW		SOC. INS. NO.		NAME		HOURS				YES NO	
DRILLER				DARRELL LAPLANTE		12.00				DL	
DERRICK HAND				CLINTON GALLIFORD		12.00				CG	
MOTOR HAND				JOHN WIPF		12.00				JW	
FLOOR HAND				WYATT Boucher		12.00				WB	
LEASE HAND				TOM STEWART		12.00				TS	
RATE SCHEDULE		X		REGULAR				REPAIR			
				CREW SAFETY DAYS							
				2							

EVENING SHIFT

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68	
OPERATOR. : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.	
SURFACE LOCATION. : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :	
OPERATORS REPRESENTATIVE: (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)	

Opr.	R.M.	YEAR 2002	MONTH 2	DAY 22
JE	GF	RIG NO. : 55		
JE	GF	FUEL @ 08:00 HRS.		
JE	GF	RIG 170	BOILER 52	
JE	GF	TEMPERATURE		
GF	GF	CONDITIONS		
GF	GF	WIND DIRECTION		
GF	GF	ROAD CONDITION		

JIM ELLIOTT

GARY FORTH

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve			
																			NO.		TYPE		TYPE															
																			CHANGE SCREENS			YES	NO															
																			TOP		120		TOP		120													
DC. DP SIZE		KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		MIDDLE		MIDDLE																
																				BOTTOM		BOTTOM																
CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL										
OPER.		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CBC.	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																
MORN		12.00																											12.00									
DAY		10.50						0.25								1.00						0.25							12.00									
EVE																																						
TOTAL		22.50						0.25								1.00						0.25							24.00									

NO. DRILLING ASSEMBLY (AT END OF TOUR)				BIT RECORD				MUD RECORD				METERS DRILLED				TIME LOG				TIME DETAIL			
BIT / MILLS	O.D. mm	m	BIT NO.	WATER BASED	OIL BASED	FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE									
		m	SIZE (mm)								0	1200	12.00	1	RIG UP								
		m	IADC CODE								1200												
		m	MFG.																				
		m	Type																				
		m	SERIAL NO.																				
		m	JETS (mm)																				
		m	DEPTH IN (m)																				
		m	DEPTH OUT (m)																				
		m	TOTAL METER																				
		m	TOTAL HOURS																				
DRILLPIPE	STANDS	m																					
DRILLPIPE	SINGLES	m																					
KELLY DOWN		m																					
TOTAL		m																					
WT. OF D.C.		1000 dan	DRAG								HRS. RUN	BOILER PH	STACK deg	Notes:									
WT. OF STRING		1000 dan	TORQUE								12.00	10.5	370										
		1000 dan	FILL								MACP												
DRILLERS SIGNATURE KEVIN BERGSON											MAX HOOKLOAD												

DAY SHIFT

LICENCE NO. :

WELL NAME AND NO. :
ANADARKO NETLA A-68

OPERATOR :
ANADARKO CANADA ENERGY

SURFACE LOCATION :
60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :
AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Pretormed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines

(1) Rig Site Health and Safety Meeting (one/crow/month)
(2) C.A.O.D.C. Rig Safety Inspection Checklist(one/rig/month)
(3) Mast Inspection Before Raising or Lowering
(4) Crown Saver Checked
(5) Motor Kills Checked

Opr.
JE
JE
JE

JE

R.M.
GF
GF
GF

GF

YEAR 2002
MONTH 2
DAY 22

RIG NO.:
55

FUEL @ 08:00 HRS.

RIG 170
BOILER 52

WEATHER
TEMPERATURE
CONDITIONS
WIND DIRECTION
ROAD CONDITION

JIM ELLIOTT

GARY FORTH

SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve				
																			NO.	TYPE		TYPE																	
																			CHANGE SCREENS				YES	NO															
																			TOP		120		TOP		120														
																					MIDDLE		MIDDLE																
																						BOTTOM		BOTTOM															
DC. DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.																					

CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING						
MORN	12.00																										12.00
DAY	10.50						0.25								1.00						0.25						12.00
EVE																											
TOTAL	22.50						0.25								1.00						0.25						24.00

NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

BIT/MILLS

O.D.mm

m

BIT NO.

1A

m

SIZE (mm)

311.0

m

IADC CODE

m

MFG.

HUGHES

m

Type

ATJ

m

SERIAL NO.

P75EM

m

JETS (mm)

3

X

15.5

m

DEPTHIN (m)

0.00

m

DEPTH OUT (m)

m

TOTAL METER

m

TOTAL HOURS

DRILLPIPE STANDS

DRILLPIPE SINGLES

m

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

DRILLERS SIGNATURE

DARRELL LAPLANTE

WATER BASED

X

OIL BASED

TIME

1200

DENSITY kg/m3

1030

FUNNEL VIS s/l

85

W.L. cm/ FILCK

PH

11.5

MUD MATERIALS USED

TYPE

QTY

UNITS

GEL

33

SX

SAWDUST

18

SX

DEVIATION SURVEY

DEPTH (m)

DEVIATION

DIRECTION

FROM

TO

DRILL/ REAM/CR.

ROTARY R.P.M.

WT. ON BIT

Circ. Press (kPa)

PUMP NO. 1

SPM

PUMP NO. 2

LINER(mm)

SPM

REDUCED PUMP SPEED

@

@

SOLIDS CONTROL EQUIPMENT

DESILTER

HOURS

INTAKE

OVERFLOW

UNDERFLOW

CENTRIFUGE

HOURS

INTAKE

OVERFLOW

UNDERFLOW

HOURS

INTAKE

OVERFLOW

UNDERFLOW

BOILER

HRS. RUN

PH

STACK deg

MACP

MAX HOOKLOAD

10

FROM

TO

ELAPSED TIME

CODE

RIG UP

MAKE UP BHA AND PRESSURE TEST DIVERTER TO 1000 KPA

RIG SERVICE

SAFETY MTG. / PRESPUD MEETING

Notes: CHECK CROWN SAVER AND BRAKES

BLEW BOILER DOWN 3 TIMES

DRILLING CREW PAYROLL DATA

WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO NETLA A-68		2002	2	22
OPERATOR		CONTRACTOR		
ANADARKO CANADA ENERGY		AKITA DRILLING LTD.		
RIG MANAGER			RIG NO.	
GARY FORTH			55	
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS
N.W.T.				4

[illegible]

RATE SCHEDULE	X	REGULAR		REPAIR		INVERT
		CREW SAFETY DAYS				
		4				

[illegible]

RATE SCHEDULE	X	REGULAR		REPAIR		INVERT
		CREW SAFETY DAYS				
.		1				

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Preformed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	
OPERATOR : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E		UNIQUE I.D. :		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	
OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A. O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	

JIM ELLIOTT						GARY FORTH															SAFETY TOPIC																																						
Last casing tubing or liner	O.D.	mm		MIN. I.D.		kg/m		MAKE		GRADE		# OF JOINTS	TOTAL (m)	KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn.	Day	Eve.																									
																			NO.	TYPE		TYPE																																					
																			CHANGE SCREENS		YES	NO																																					
																			TOP		TOP																																						
																			MIDDLE		MIDDLE																																						
																			BOTTOM		BOTTOM																																						
CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL																																
OPER.	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND.MUD & CIRC.	TRIPS	RIG SERVICE	REPAIR/RG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSQ. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																																						
MORN	12.00																									12.00																																	
DAY	12.00																									12.00																																	
EVE																																																											
TOTAL	24.00																									24.00																																	
DRILLING ASSEMBLY (AT END OF TOUR)										BIT RECORD										MUD RECORD										METERS DRILLED										TIME LOG										TIME DETAIL									
NO.	BITS/MILLS	O.D.mill	m	BIT NO.					WATER BASED		OIL BASED		FROM	TO	DRILL/ TEAM/C.R.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE																																						
			m	SIZE (mm)					·TIME									0	800	8.00	1	RIG UP & TEAR DOWN-inspectede derrick, raised derrick																																					
			m	IADC CODE					DENSITY kg/m ³									800	1200	4.00	1	weld conductor flange for deverter																																					
			m	MFG.					FUNNEL VIS s/l																																																		
			m	Type					W.L cm/FILCK																																																		
			m	SERIAL NO.					PH																																																		
			m	JETS (mm)					MUD MATERIALS USED						@	@																																											
			m	DEPTH IN (m)					TYPE		QTY		UNITS		SOLIDS CONTROL EQUIPMENT																																												
			m	DEPTH OUT (m)											HOURS	INTAKE	OVERFLOW	UNDERFLOW				DESILTER																																					
			m	TOTAL METER																		CENTRIFUGE																																					
			m	TOTAL HOURS											HOURS	INTAKE	OVERFLOW	UNDERFLOW																																									
DRILLPIPE STANDS			m	INNER	OUTER	DULL	LOCATION	BEARINGS	GAGE(mm)	OTHER	REASON	R.O.P.	DEVIATION SURVEY																																														
DRILLPIPE SINGLES			m										DEPTH (m)	DEVIATION	DIRECTION																																												
KELLY DOWN TOTAL			m	DRAG dan																																																							
WT. OF D.C.			dant 1000	TORQUE															HRS RUN	BOILER PH	STACK deg	Notes: MJ- 7835 ,TMJ-128330 ,LL-1319																																					
WT. OF STRING			dant 1000	FILL m															12.00	9.0	370	Insoected derrick prior to raising																																					
DRILLERS SIGNATURE													MACP																																														
													MAX HOOKLOAD																																														

DAY SHIFT

LICENCE NO. :	WELL NAME AND NO. : ANADARKO NETLA A-68	(1) Daily Walk Around Inspection (2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines (1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A., O.D.C., Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	Opr JE R.M TI YEAR 2002 MONTH 2 DAY 21 RIG NO.: 55 FUEL @ 08:00 HRS. RIG 200 BOILER GF WEATHER TEMPERATURE -20 CONDITIONS WIND DIRECTION ROAD CONDITION ICE
OPERATOR : ANADARKO CANADA ENERGY	CONTRACTOR : AKITA DRILLING LTD.		
SURFACE LOCATION : 60:47:07.40 N 122:41:38.90 E	UNIQUE I.D. :		
OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)		CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)	

JIM ELLIOTT

GARY FORTH

SAFETY TOPIC

pre-spud

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES												Morn	Day	Eve				
																			NO.	TYPE		TYPE																			
																			CHANGE SCREENS					YES		NO															
																					TOP		TOP																		
																					MIDDLE		MIDDLE																		
																				BOTTOM		BOTTOM																			
DC . DP SIZE		KG / M		GRADE		MIN. ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.																							
CODE NO.:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL													
OPER.		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING																			
MORN		12.00																									12.00														
DAY		12.00																									12.00														
EVE																																									
TOTAL		24.00																									24.00														

DRILLING ASSEMBLY (AT END OF TOUR)			BIT RECORD				MUD RECORD				METERS DRILLED				TIME LOG				TIME DETAIL			
NO.	BIT/ MILLS	O.D. mm	m	BIT NO.			WATER BASED	OIL BASED		FROM	TO	DRILL/ REAM/CR.	ROTARY R.P.M.	WT. ON BIT	FROM	TO	ELAPSED TIME	CODE				
			m	SIZE (mm)			TIME								1200	1445	2.75	1	weld condutor flang and flow tee			
			m	IADC CODE			DENSITY kg/m3								1445	2400	9.25	1	RIG UP diverter and boyle line,			
			m	MFG.			FUNNEL VIS s/l								2400							
			m	Type			W.L. cm/ FILCK															
			m	SERIAL NO.			PH															
			m	JETS (mm)			MUD MATERIALS USED			REDUCED PUMP SPEED												
			m	DEPTH IN (m)			TYPE	QTY	UNITS	@												
			m	DEPTH OUT (m)						SOLIDS CONTROL EQUIPMENT												
			m	TOTAL METER						DESILTER												
			m	TOTAL HOURS						CENTRIFUGE												
	DRILLPIPE STANDS		m	INNER	OUTER	DULL				HOURS				INTAKE	OVERFLOW	UNDERFLOW						
	DRILLPIPE SINGLES		m	LOCATION	BEARINGS	GAGE(mm)	OTHER	REASON	R.O.P.	HOURS				INTAKE	OVERFLOW	UNDERFLOW						
KELLY DOWN			m	DEVIATION SURVEY						HOURS				INTAKE	OVERFLOW	UNDERFLOW						
TOTAL			m	DEPTH (m)						DEVIATION				DIRECTION								
WT. OF D.C.			1000	DRAG dan						HRS. RUN				BOILER PH				STACK deg				
WT. OF STRING			1000	TORQUE						12.00				11.0				375				
			dan	FILL m						MACP												
DRILLERS SIGNATURE									MAX HOOKLOAD													

DRILLING CREW PAYROLL DATA

WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO NETLA A-68		2002	2	21
OPERATOR		CONTRACTOR		
ANADARKO CANADA ENERGY		AKITA DRILLING LTD.		
RIG MANAGER			RIG NO.	
TONY IRWIN			55	
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS
N.W.T.				3

EVENING TOUR		FROM	0	TO	1200			INJURIES	
CREW	SOC	INS	NO	NAME		HOURS		YES	NO
DRILLER				DAVE RYAN		8.00			
DERRICK HAND				MIKE BARANIUK		8.00			
MOTOR HAND				Graeme McWha		8.00			
FLOOR HAND				JOHN PAUL		8.00			
FLOOR HAND				MICHAEL SAM		8.00			
							</		

EVENING SHIFT

LICENCE NO. :

WELL NAME AND NO. :

ANADARKO NETLA A-68

OPERATOR :

ANADARKO CANADA ENERGY

SURFACE LOCATION :

60:47:07.40 N 122:41:38.90 E

OPERATORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

CONTRACTOR :

AKITA DRILLING LTD.

UNIQUE I.D. :

CONTRACTORS REPRESENTATIVE : (I VERIFY AND ACCEPT INFORMATION ON TOUR SHEET TO BE TRUE & CORRECT TO THE BEST OF MY ABILITY)

(1) Daily Walk Around Inspection
(2) Detailed Inspection-Weekly (Using Check List)
(3) H2S Signs Posted(If Required)
(4) Well License & Stick Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Preformed
(7) Visually Inspect BOP's - Flarelines & Degasser Lines

Opr.

R.M

YEAR 2002 MONTH 2 DAY 20

RIG NO.: 55

FUEL @ 08:00 HRS.

RIG

BOILER

WEATHER

TEMPERATURE

CONDITIONS

WIND DIRECTION

ROAD CONDITION

JIM ELLIOTT										TONY IRWIN										SAFETY TOPIC															
LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES						Morn	Day	Eve				
																			NO.		TYPE		TYPE												
																			CHANGE SCREENS				YES		NO										
																					TOP		TOP												
DC . DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.		MIDDLE		MIDDLE													
																				BOTTOM		BOTTOM													
CODE NO.:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL							
OPER.		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIG SERVICE	REPAIRRIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NPPL UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING													
MORN		4.00																				0.50					4.50								
DAY		12.00																									12.00								
EVE																																			
TOTAL		16.00																				0.50					16.50								

NO. DRILLING ASSEMBLY (AT END OF TOUR)

BIT RECORD

MUD RECORD

METERS DRILLED

TIME LOG

TIME DETAIL

BIT / MILLS O.D.mm m

BIT NO. m

SIZE (mm) m

IADC CODE m

MFG. m

Type m

SERIAL NO. m

JETS (mm) m

DEPTH IN (m) m

DEPTH OUT (m) m

TOTAL METER m

TOTAL HOURS m

DRILLPIPE STANDS m

DRILLPIPE SINGLES m

KELLY DOWN m

TOTAL m

WT. OF D.C. 1000 dan

WT. OF STRING 1000 dan

FILL m

DRAG dan

TORQUE

WATER BASED

OIL BASED

TIME

DENSITY kg/m3

FUNNEL VIS s/l

W.L cm/ FILCK

PH

MUD MATERIALS USED

TYPE QTY UNITS

DEVIATION SURVEY

DEPTH (m) DEVIATION DIRECTION

FROM TO DRILL/ REAM/CR. ROTARY R.P.M. WT. ON BIT

PUMP NO. 1 PUMP NO. 2

REDUCED PUMP SPEED

SOLIDS CONTROL EQUIPMENT

DESILTER

CENTRIFUGE

BOILER PH

MACP

MAX HOOKLOAD

FROM TO ELAPSED TIME CODE

730 800 0.50 21 SAFETY MTG.

800 1200 4.00 1 RIG UP

1200

Notes:

LICENCE NO. :		WELL NAME AND NO. : ANADARKO NETLA A-68		(2) Detailed Inspection-Weekly (Using Check List) (3) H2S Signs Posted(If Required) (4) Well License & Stick Diagram Posted (5) Flare Lines Staked (6) BOP Drills Performed (7) Visually Inspect BOP's - Flarelines & Degasser Lines	
OPERATOR. : ANADARKO CANADA ENERGY		CONTRACTOR : AKITA DRILLING LTD.		(1) Rig Site Health and Safety Meeting (one/crew/month) (2) C.A..O.D.C. Rig Safety Inspection Checklist(one/rig/month) (3) Mast Inspection Before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked	
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SAFETY TOPIC

LAST CASING TUBING OR LINER	O.D. mm		MIN. I.D		kg/m		MAKE		GRADE		# OF JOINTS		TOTAL (m)		KB TO CSG.		SET AT (m)		SHALE SHAKER(S)				RENTALS / SERVICES										Morn	Day	Eve		
																			NO.		TYPE		TYPE														
																			CHANGE SCREENS			YES		NO													
																			TOP				TOP														
																			MIDDLE				MIDDLE														
																						BOTTOM															
DC . DP SIZE		KG / M		GRADE		MIN.ID		TOOL JT. O.D.		TYPE THREAD		# OF JOINTS		PUMP MANUFACTURER		PUMP TYPE		STROKE LTH.																			
CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL									
OPER.		RIKUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	RIK SERVICE	REPAIR RIG	CUT OFF DRLG. LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG. & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P	TEST B.O.P.	DRILL STEM	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRECTIONAL WORK	SAFETY MEETING															
MORN		4.00																				0.50					4.50										
DAY		12.00																									12.00										
EVE																																					
TOTAL		16.00																				0.50					16.50										

[illegible]

ANADARKO NETLA A-68 AKITA 55
CREW LIST

POSITION	NAME	INITIALS
OPERATOR	DEFAULT PASON REPRESENTATIVE	PR
RIG MANAGER	TONY IRWIN	TI
DRILLER	DAVE RYAN	DR
DERRICK HAND	MIKE BARANIUK	MB
DERRICK HAND	TIM PREBOY	TP
DERRICK HAND	CLINTON GALLIFORD	CG
FLOOR HAND	MICHAEL SAM	MS
FLOOR HAND	JOHN PAUL	JP
LEASE HAND	JIMMY TIMBRE	JT
DRILLER	KEVIN BERGSON	KB
WELL SITE CORD	LOUIS SIMONKA	LS
MOTOR HAND	ANDY ALBERT	AA
FLOOR HAND	JIM NEMETH	JN
FLOOR HAND	PETER MANWART	PM
FLOOR HAND	JESSE ANDERSON	JA
OPERATOR	JIM ELLIOTT	JE
DRILLER	DARRELL LAPLANTE	DL
DERRICK HAND	TONY MADEIRA	TM
LEASE HAND	RUFUS SANGUEZ	RS
RIG MANAGER	GARY FORTH	GF
MOTOR HAND	KEVIN SHERREN	KS
FLOOR HAND	WYATT Boucher	WB
MOTOR HAND	Graeme McWha	GM
LEASE HAND	DARREN HAZENBERG	DH