



WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	27
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE		CAMP		RIG SAFETY DAYS
N.W.T.		☒ YES ☐ NO		1095

Crew Safety Days		185
------------------	--	-----

	Crew Safety Days	
	182	





WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	25
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE		RIG SAFETY DAYS		
N.W.T.		1093		

	183	
--	-----	--

	180	
--	-----	--



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	24
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1092		

[illegible][illegible]



WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	23
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE		CAMP		RIG SAFETY DAYS
N.W.T.		☒ YES ☐ NO		1091

	181	
--	-----	--

	179	
--	-----	--



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	22
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1090		

[illegible][illegible]

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	21
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1089		

[illegible][illegible]

LICENCE NO. WELL NAME & NO. ANADARKO LIARD P-16 OPERATOR ANADARKO CANADA CORP. CONTRACTOR AKITA DRILLING LTD. SURFACE LOCATION 80:25:50.10 N 123:31:58.30 W SIGNATURE OF OPERATOR'S REPRESENTATIVE Don Christie SIGNATURE OF CONTRACTOR'S RIG MANAGER PAT DURAND DAILY CHECKS (1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed (7.) Visually Inspect BOPs- Flare Lines & Degasser Lines (1.) RIG Site Health & Safety Meeting (one/crew/month) (2.) CAODC RIG Safety Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked

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	TOTALS	SHALE SHAKER (S)	RENTALS / SERVICES	EVENING	DAY
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	COMPLETION									
EVE											0.75											11.25					12.00				
DAY																						12.00					12.00				
TOTAL											0.75											23.25					24.00				

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD	EVENING TOUR	MUD RECORD	METRES DRILLED	TIME LOG
	BIT	O.D.	BIT NO.	MUD TYPE ☐ WATER BASED ☐ OIL BASED	TIME	FROM TO D-R-C RPM WOB	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
			SIZE				
			IADC CODE	DENSITY (KG/M3)			
			MANUFACTURER	FUNNEL VISCOSITY			
			TYPE	FLUID LOSS (cm3)			
			SERIAL NO.	pH			
			JETS				
			DEPTH OUT	MUD MATERIALS ADDED	SOLIDS CONTROL	CIRCULATION PRESSURE kPa PUMP NO. 1 PUMP NO. 2	
			DEPTH IN	PRODUCT AMOUNT UNIT	DESILTER	LINE SIZE SPM LINE SIZE SPM	
			TOTAL M DRILLED		HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY	REDUCED PUMP SPEED @ @	
			TOTAL HRS RUN			DEVIATION SURVEYS	
			CUTTING STRUCTURE		CENTRIFUGE	DEPTH (M) DEVIATION DIRECTION	
			TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN MHR		HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY		
			HOLE CONDITION				
	DRILL PIPE STANDS		HOLE DRAG				NOTES :
	DRILL PIPE SINGLES		TORQUE AT BOTTOM				
	KELLY DOWN		FILL ON BOTTOM (M)				
	TOTAL					DRILLER SIGNATURE HRS RUN BOILER pH STACK TEMP MAXIMUM EXPERIENCED HOOK LOAD SAFETY TOPIC MACP	
	WT. OF D.C.					Brent Williams 0.00	WIRELINE LOGS
	WT. OF STRING						

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD	DAY TOUR	MUD RECORD	METRES DRILLED	TIME LOG
	BIT	O.D.	BIT NO.	MUD TYPE ☐ WATER BASED ☐ OIL BASED	TIME	FROM TO D-R-C RPM WOB	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
			SIZE				
			IADC CODE	DENSITY (KG/M3)			
			MANUFACTURER	FUNNEL VISCOSITY			
			TYPE	FLUID LOSS (cm3)			
			SERIAL NO.	pH			
			JETS				
			DEPTH OUT	MUD MATERIALS ADDED	SOLIDS CONTROL	CIRCULATION PRESSURE kPa PUMP NO. 1 PUMP NO. 2	
			DEPTH IN	PRODUCT AMOUNT UNIT	DESILTER	LINE SIZE SPM LINE SIZE SPM	
			TOTAL M DRILLED		HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY	REDUCED PUMP SPEED @ 0 @	
			TOTAL HRS RUN			DEVIATION SURVEYS	
			CUTTING STRUCTURE		CENTRIFUGE	DEPTH (M) DEVIATION DIRECTION	
			TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN MHR		HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY		
			HOLE CONDITION				NOTES :
	DRILL PIPE STANDS		HOLE DRAG				
	DRILL PIPE SINGLES		TORQUE AT BOTTOM				
	KELLY DOWN		FILL ON BOTTOM (M)				
	TOTAL					DRILLER SIGNATURE HRS RUN BOILER pH STACK TEMP MAXIMUM EXPERIENCED HOOK LOAD SAFETY TOPIC MACP	
	WT. OF D.C.					Alvin Vogt 0.00	COMPETENCY TRAINING
	WT. OF STRING						

PASON DATAHUB Akita 40 Job 1 AFE 1 V 0111293422 CAODC

DRILLING CREW PAYROLL DATA WELL NAME & NO. ANADARKO LIARD P-16 YEAR 2003 MONTH 7 DAY 20 OPERATOR ANADARKO CANADA CORP. CONTRACTOR AKITA DRILLING LTD. RIG NO. 40 RIG SAFETY DAYS 1088 PROVINCE N.W.T. CAMP ☒ YES ☐ NO

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		Brent Williams	12.00		BW
DERRICK HAND		Clarke Starre	12.00		CS
MOTOR HAND		Tim Barrett	12.00		TB
FLOOR HAND		Wade Sledz	12.00		WS
FLOOR HAND		Jeff Saulteaux	12.00		JS

RATE SCHEDULE ☒ REGULAR ☐ REPAIR ☐ INVERT ☐ CREW SAFETY DAYS 178

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		Alvin Vogt	12.00		AV
ASSIST DRILLER		Mike Wiebe	12.00		MDW
DERRICK HAND		Terry Sanderson	12.00		TS
MOTOR HAND		Nathan Surinak	12.00		NS
FLOOR HAND		David Bragg	12.00		DB
FLOOR HAND		Jonathan Carlick	12.00		JC

RATE SCHEDULE ☒ REGULAR ☐ REPAIR ☐ INVERT ☐ CREW SAFETY DAYS 176



WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	19
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE		RIG SAFETY DAYS		
N.W.T.		CAMP	1087	
		☒ YES	☐ NO	

	177	
--	-----	--

	175	
--	-----	--

LICENCE NO.

WELL NAME & NO.

ANADARKO LIARD P-16

OPERATOR

CONTRACTOR

ANADARKO CANADA CORP.

AKITA DRILLING LTD.

SURFACE LOCATION

UNIQUE ID

80:25:50.10 N 123:31:58.30 W

300P166030123300

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

Don Christie

PAT DURAND

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) H2S Signs Posted if Required

(4.) Well Licence & Stick Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Drills Performed

(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines

YEAR

MONTH

DAY

2003

7

18

RIG NO.

40

FUEL @ 08:00 HRS

RIG

36

BOILER

TEMPERATURE

13

CURRENT CONDITIONS

CLEAR

WIND DIRECTION

CALM

ROAD CONDITION

ROUGH

LAST CASING TUBING OR LINER

O.D. (mm)

MIN I.D. (mm)

MASS kg/m

MAKE

GRADE

NO. of JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

177.8

156.7

43.15

ALGOMA

L80

49

572.88

5.46

2992.00

177.8

159.4

38.69

ALGOMA

L80

72

2373.28

177.8

156.7

43.15

ALGOMA

L80

4

49.64

DC / DP SIZE

MASS

GRADE

MINIMUM I.D.

T. JNT. O.D.

TYPE THREAD

NO. of JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

PZ-9

GARDNER DENVER

229

PZ-9

GARDNER DENVER

229

PASON DATAHUB

Akita 40

Job 1

AFE 1

V 0111293422

CAODC

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

ANADARKO LIARD P-16

YEAR

2003

MONTH

7

DAY

18

OPERATOR

CONTRACTOR

ANADARKO CANADA CORP.

AKITA DRILLING LTD.

RIG MANAGER

RIG NO.

PAT DURAND

40

PROVINCE

CAMP

X

YES

NO

RIG SAFETY DAYS

1086

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	TOTALS	SHAKE SHAKER (S)	RENTALS / SERVICES	EVENING	DAY
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	COMPLETIONS									
EVE																							12.00				12.00				
DAY																						0.50	11.50				12.00				
TOTAL																						0.50	23.50				24.00				

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

KELLY DOWN

TORQUE AT BOTTOM

FILL ON BOTTOM (M)

WT. OF D.C.

WT. OF STRING

MUD RECORD

EVENING TOUR

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

DESILTER

127.0

127.0

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

CENTRIFUGE

DEPTH (M)

DEVIATION

DIRECTION

HOURLY RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

DRILLER SIGNATURE

Brent Williams

HRS RUN

0.00

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

METRES DRILLED

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

0

300

3.00

22

RIH W/ COIL TUBBING TO BLOW W/ N2

300

1200

9.00

22

FLOW WELL

NOTES :

EVENING TOUR

FROM

0

TO

1200

INJURIES

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		Brent Williams	12.00		BW
DERRICK HAND		Clarke Starre	12.00		CS
MOTOR HAND		Tim Barrett	12.00		TB
FLOOR HAND		Wade Sledz	12.00		WS
FLOOR HAND		Jeff Saulteaux	12.00		JS

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

176

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

KELLY DOWN

TORQUE AT BOTTOM

FILL ON BOTTOM (M)

WT. OF D.C.

WT. OF STRING

MUD RECORD

DAY TOUR

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

DESILTER

127.0

127.0

REDUCED PUMP SPEED

@

0

@

DEVIATION SURVEYS

CENTRIFUGE

DEPTH (M)

DEVIATION

DIRECTION

HOURLY RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

DRILLER SIGNATURE

Alvin Vogt

HRS RUN

0.00

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

METRES DRILLED

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1200

1215

0.25

21

SAFETY MTG.

1215

1600

3.75

22

RUN ENDLESS TUBBING

1600

1615

0.25

21

SAFETY MTG.

1615

2100

4.75

22

PUMP & SQUEESE ACID

2100

2400

3.00

22

NUTRALIZE WELL POOH W/COIL TUBBING

2400

NOTES :

DAY TOUR

FROM

1200

TO

2400

INJURIES

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		Alvin Vogt	12.00		AV
ASSIST DRILLER		Mike Wiebe	12.00		MDW
DERRICK HAND		Terry Sanderson	12.00		TS
MOTOR HAND		Nathan Surinak	12.00		NS
FLOOR HAND		David Bragg	12.00		DB
FLOOR HAND		Jonathan Carlick	12.00		JC

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

174

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	17
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1085		

[illegible][illegible]

LICENCE NO.

WELL NAME & NO.

ANADARKO LIARD P-16

OPERATOR

CONTRACTOR

ANADARKO CANADA CORP.

AKITA DRILLING LTD.

SURFACE LOCATION

UNIQUE ID

80:25:50.10 N 123:31:58.30 W

300P166030123300

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

Don Christie

PAT DURAND

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) H2S Signs Posted if Required

(4.) Well Licence & Stick Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Drills Performed

(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines

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

(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kills Checked

YEAR

2003

MONTH

7

DAY

16

LAST CASING TUBING OR LINER

O.D. (mm)

177.8

MIN I.D. (mm)

156.7

MASS kg/m

43.15

MAKE

ALGOMA

GRADE

L80

NO. of JOINTS

49

TOTAL LENGTH

572.88

KB TO CSG HEAD

5.46

SET AT (m)

2992.00

RIG NO.

40

FUEL @ 08:00 HRS

RIG

32

BOILER

177.8

159.4

38.69

ALGOMA

L80

72

2373.28

177.8

156.7

43.15

ALGOMA

L80

4

49.64

TEMPERATURE

12

CURRENT CONDITIONS

CLEAR

WIND DIRECTION

CALM

ROAD CONDITION

RUTTED

DC / DP SIZE

MASS

GRADE

MINIMUM I.D.

T. JNT. O.D.

TYPE THREAD

NO. of JOINTS

PUMP TYPE

PZ-9

PUMP MANUFACTURER

GARDNER DENVER

STROKE LENGTH

229

PASON DATAHUB

Akita 40

Job 1

AFE 1

V 0111293422

CAODC

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	TOTALS	SHALE SHAKER (S)	RENTALS / SERVICES	EVENING	DAY
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILG LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING							NO. TYPE 1 DERRICK	MEGAJOULES 88135/99240		
EVE																					0.25		11.75				12.00	TOP	TOP		
DAY																					0.50		11.50				12.00	MIDDLE	MIDDLE		
TOTAL																					0.75		23.25				24.00	BOTTOM	BOTTOM		

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

FILL ON BOTTOM (M)

TORQUE AT BOTTOM

HOLE DRAG

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

DESILTER

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEPTH (M)

DEVIATION

DIRECTION

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

DEVIATION SURVEYS

NOTES : MJ-8135,TMJ-99240

DRILLER SIGNATURE

Don Kalmbach

HRS RUN

0.00

BOILER PH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

0 15 0.25 21 SAFETY MTG./REVIEW JSA-M9,LAYDOWN COIL TBG.INJECTOR

15 300 2.75 23 COMPLETIONS/N2 WELL

300 1200 9.00 23 FLOW WELL

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

FILL ON BOTTOM (M)

TORQUE AT BOTTOM

HOLE DRAG

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

DESILTER

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEPTH (M)

DEVIATION

DIRECTION

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

DEVIATION SURVEYS

NOTES : HELD SAFETY MEETING ON TRANSPORTATION WITH WATER CRAFT

DRILLER SIGNATURE

Brent Williams

HRS RUN

0.00

BOILER PH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

CHANGE SHAKER MOTOR

MACP

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1200 1230 0.50 21 SAFETY MTG./ JSA

1230 2400 11.50 23 FLOW WELL

2400

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

ANADARKO LIARD P-16

YEAR

2003

MONTH

7

DAY

16

OPERATOR

CONTRACTOR

ANADARKO CANADA CORP.

AKITA DRILLING LTD.

RIG MANAGER

RIG NO.

PAT DURAND

40

PROVINCE

CAMP

X YES

NO

RIG SAFETY DAYS

1084

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		Don Kalmbach	8.00		DK
DERRICK HAND		Clarke Starre	12.00		CS
MOTOR HAND		Tim Barrett	12.00		TB
FLOOR HAND		Wade Sledz	12.00		WS
FLOOR HAND		Jeff Saulteaux	12.00		JS

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

174

DAY TOUR

FROM 1200

TO 2400

INJURIES

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		Brent Williams	4.00		BW
DRILLER		Alvin Vogt	8.00		AV
DRILLER		Mike Wiebe	4.00		MDW
ASSIST DRILLER		Mike Wiebe	8.00		MDW
DERRICK HAND		Terry Sanderson	12.00		TS
MOTOR HAND		Nathan Surinak	12.00		NS
FLOOR HAND		David Bragg	12.00		DB
FLOOR HAND		Jonathan Carlick	12.00		JC

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

172

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	15
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE		RIG SAFETY DAYS		
N.W.T.		CAMP	1083	
		☒ YES	☐ NO	

[illegible][illegible]

	(m)	PASON DATAHUB	
		Akita 40	
		Job 1	
		AFE 1	
		V 0111293422	
	KE		
	TH		

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	14
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1082		

[illegible][illegible]



WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	13
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE		RIG SAFETY DAYS		
N.W.T.		CAMP	1081	
		☒ YES	☐ NO	

	CREW SAFETY DAYS	
	169	

[illegible]

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	12
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1080		

[illegible][illegible]

LICENCE NO.

WELL NAME & NO.

ANADARKO LIARD P-16

OPERATOR

CONTRACTOR

ANADARKO CANADA CORP.

AKITA DRILLING LTD.

SURFACE LOCATION

UNIQUE ID

80:25:50.10 N 123:31:58.30 W

300P166030123300

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

Don Christie

PAT DURAND

DAILY CHECKS

OPR

R.M.

DC

PD

YEAR

2003

MONTH

7

DAY

11

RIG NO.

40

FUEL @ 08:00 HRS

57

TEMPERATURE

15

CURRENT CONDITIONS

CLOUDY

WIND DIRECTION

CALM

ROAD CONDITION

MUDDY

LAST CASING TUBING OR LINER

O.D. (mm)

MIN I.D. (mm)

MASS kg/m

MAKE

GRADE

NO. of JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

177.8

156.7

43.15

ALGOMA

L80

49

572.88

5.46

2992.00

177.8

159.4

38.69

ALGOMA

L80

72

2373.28

177.8

156.7

43.15

ALGOMA

L80

4

49.64

DC / DP SIZE

MASS

GRADE

MINIMUM I.D.

T. JNT. O.D.

TYPE THREAD

NO. of JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

PZ-9

GARDNER DENVER

229

PZ-9

GARDNER DENVER

229

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422



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	TOTALS	SHALE SHAKER (S)	RENTALS / SERVICES	EVENING	DAY
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING		COMPLETIONS								
EVE	11.75																				0.25					12.00					
DAY																					0.50			11.50		12.00					
TOTAL	11.75																				0.75			11.50		24.00					

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (M)

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

0

15

0.25

21

SAFETY MTG./REVIEW SAFETY ALERT 2003-5

15

1200

11.75

1

RIG UP SERVICE TOOLS

NOTES : MJ-8119,TMJ-99224

DRILLER SIGNATURE

Don Kalmbach

HRS RUN

0.00

BOILER pH

STACK TEMP.

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

WINCH LOADS

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1

PUMP NO. 2

PRODUCT

AMOUNT

UNIT

LINE SIZE

SPM

LINE SIZE

SPM

DESILTER

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEPTH (M)

DEVIATION

DIRECTION

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

DEVIATION SURVEYS

NOTES : FIRE EXTINGUISHERS INSPECTED

DRILLER SIGNATURE

Mike Wiebe

HRS RUN

0.00

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

WINCHING W/ LOADS

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (M)

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1200

1230

0.50

21

JSA WINCHING /LOADS

1230

2100

8.50

23

COMPLETION /CEMENT JOB

2100

2400

3.00

23

W.O.C.

NOTES : FIRE EXTINGUISHERS INSPECTED

DRILLER SIGNATURE

Mike Wiebe

HRS RUN

0.00

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

WINCHING W/ LOADS

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1

PUMP NO. 2

PRODUCT

AMOUNT

UNIT

LINE SIZE

SPM

LINE SIZE

SPM

DESILTER

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEPTH (M)

DEVIATION

DIRECTION

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

DEVIATION SURVEYS

NOTES : FIRE EXTINGUISHERS INSPECTED

DRILLER SIGNATURE

Mike Wiebe

HRS RUN

0.00

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

WINCHING W/ LOADS

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

ANADARKO LIARD P-16

YEAR

2003

MONTH

7

DAY

11

OPERATOR

CONTRACTOR

ANADARKO CANADA CORP.

AKITA DRILLING LTD.

RIG MANAGER

PAT DURAND

RIG NO.

40

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

1079

EVENING TOUR

FROM

0

TO

1200

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

Don Kalmbach

12.00

DK

DERRICK HAND

Clarke Starre

12.00

CS

MOTOR HAND

Tim Barrett

12.00

TB

FLOOR HAND

Wade Sledz

12.00

WS

FLOOR HAND

Jeff Saulteaux

12.00

JS

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

169

DAY TOUR

FROM

1200

TO

2400

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

Mike Wiebe

12.00

MDW

DERRICK HAND

Terry Sanderson

12.00

TS

MOTOR HAND

Nathan Surinak

12.00

NS

FLOOR HAND

David Bragg

12.00

DB

FLOOR HAND

Jonathan Carlick

12.00

JC

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

167

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	10
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP			RIG SAFETY DAYS
N.W.T.	☒ YES ☐ NO			1166

[illegible][illegible]

m)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AFE 1	
	V 0111293422	
KE		
H		

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	9
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1165		

[illegible][illegible]



WELL NAME & NO.				YEAR	MONTH	DAY
ANADARKO LIARD P-16				2003	7	8
OPERATOR		CONTRACTOR				
ANADARKO CANADA CORP.		AKITA DRILLING LTD.				
RIG MANAGER				RIG NO.		
PAT DURAND				40		
PROVINCE		CAMP	☒ YES ☐ NO		RIG SAFETY DAYS	
N.W.T.					1164	

[illegible][illegible]

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422

DRILLING CREW PAYROLL DATA			
WELL NAME & NO.	YEAR	MONTH	DAY
ANADARKO LIARD P-16	2003	7	7
OPERATOR	CONTRACTOR		
ANADARKO CANADA CORP.	AKITA DRILLING LTD.		
RIG MANAGER	RIG NO.		
PAT DURAND	40		
PROVINCE	CAMP	RIG SAFETY DAYS	
N.W.T.	☒ YES ☐ NO	1163	

[illegible][illegible]



WELL NAME & NO.				YEAR	MONTH	DAY
ANADARKO LIARD P-16				2003	7	6
OPERATOR			CONTRACTOR			
ANADARKO CANADA CORP.			AKITA DRILLING LTD.			
RIG MANAGER				RIG NO.		
PAT DURAND				40		
PROVINCE		CAMP		RIG SAFETY DAYS		
N.W.T.		☒ YES ☐ NO		1162		

[illegible][illegible]

LICENCE NO.

WELL NAME & NO.

ANADARKO LIARD P-16

OPERATOR

CONTRACTOR

ANADARKO CANADA CORP.

AKITA DRILLING LTD.

SURFACE LOCATION

UNIQUE ID

80:25:50.10 N 123:31:58.30 W

300P166030123300

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) H2S Signs Posted if Required

(4.) Well Licence & Stick Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Drills Performed

(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines

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

(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kills Checked

YEAR

MONTH

DAY

2003

7

5

RIG NO.

40

FUEL @ 08:00 HRS

RIG

BOILER

TEMPERATURE

14

CURRENT CONDITIONS

CLOUDY

WIND DIRECTION

WEST

ROAD CONDITION

MUDDY

LAST CASING TUBING OR LINER

O.D. (mm)

MIN I.D. (mm)

MASS kg/m

MAKE

GRADE

NO. of JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

177.8

156.7

43.15

ALGOMA

L80

49

572.88

5.46

2992.00

DC / DP SIZE

MASS

GRADE

MINIMUM I.D.

T. JNT. O.D.

TYPE THREAD

NO. of JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

PZ-9

GARDNER DENVER

229

PZ-9

GARDNER DENVER

229

PASON DATAHUB

Akita 40

Job 1

AFE 1

V 0111293422

CAODC

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	TOTALS	SHALE SHAKER (S)		RENTALS / SERVICES		EVENING	DAY			
TIME		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING									NO. 1	TYPE DERRICK	TYPE 2	MEGAJOULES 8006/99111			
		SCREENS CHANGED																													YES	NO	ACCUM 39				
		TOP																													TOP						
DAY		12.00																										12.00	MIDDLE	MIDDLE							
TOTAL		12.00																										12.00	BOTTOM	BOTTOM							

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

HOLE DRAG

KELLY DOWN

TORQUE AT BOTTOM

WT. OF D.C.

WT. OF STRING

FILL ON BOTTOM (M)

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1

PUMP NO. 2

DESILTER

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

CENTRIFUGE

DEPTH (M)

DEVIATION

DIRECTION

NOTES :

DRILLER SIGNATURE

HRS RUN

BOILER PH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

0

1200

12.00

RIG WATCH

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

HOLE DRAG

KELLY DOWN

TORQUE AT BOTTOM

WT. OF D.C.

WT. OF STRING

FILL ON BOTTOM (M)

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1

PUMP NO. 2

DESILTER

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

CENTRIFUGE

DEPTH (M)

DEVIATION

DIRECTION

NOTES :

DRILLER SIGNATURE

HRS RUN

BOILER PH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

1200

2400

12.00

1

RIG WATCH

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

ANADARKO LIARD P-16

YEAR

2003

MONTH

7

DAY

5

OPERATOR

CONTRACTOR

ANADARKO CANADA CORP.

AKITA DRILLING LTD.

RIG MANAGER

RIG NO.

PAT DURAND

40

PROVINCE

RIG SAFETY DAYS

N.W.T.

1161

EVENING TOUR

FROM

0

TO

1200

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

Brent Williams

12.00

RATE / SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

163

DAY TOUR

FROM

1200

TO

2400

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

Alvin Vogt

12.00

AV

RATE / SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

161

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422



WELL NAME & NO.				YEAR	MONTH	DAY
ANADARKO LIARD P-16				2003	7	4
OPERATOR			CONTRACTOR			
ANADARKO CANADA CORP.			AKITA DRILLING LTD.			
RIG MANAGER				RIG NO.		
PAT DURAND				40		
PROVINCE		CAMP	RIG SAFETY DAYS			
N.W.T.		☒ YES ☐ NO	1160			

[illegible][illegible]

m)	PASON DATAHUB
	Akita 40
	Job 1
	AFE 1
	V 0111293422
E H	

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	3
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1159		

[illegible][illegible]

h)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AfE 1	
	V 0111293422	

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	7	2
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1158		

[illegible][illegible]

LICENCE NO.

WELL NAME & NO.

ANADARKO LIARD P-16

OPERATOR

CONTRACTOR

ANADARKO CANADA CORP.

AKITA DRILLING LTD.

SURFACE LOCATION

UNIQUE ID

80:25:50.10 N 123:31:58.30 W

300P166030123300

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

PAT DURAND

DAILY CHECKS

OPR

R.M.

YEAR

MONTH

DAY

RIG NO.

FUEL @ 08:00 HRS

RIG

BOILER

TEMPERATURE

CURRENT CONDITIONS

WIND DIRECTION

ROAD CONDITION

LAST CASING TUBING OR LINER

O.D. (mm)

MIN I.D. (mm)

MASS kg/m

MAKE

GRADE

NO. of JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

DC / DP SIZE

MASS

GRADE

MINIMUM I.D.

T. JNT. O.D.

TYPE THREAD

NO. of JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

(1.) Daily Walk Around Inspection

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

(3.) H2S Signs Posted If Required

(4.) Well Licence & Stick Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Drills Performed

(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines

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

(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kills Checked

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	TOTALS	SHALE SHAKER (S)			RENTALS / SERVICES		EVENING	DAY		
DATE		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILG LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING									NO. 1	TYPE DERRICK	TYPE 2	MEGAJOULES 8006/99111			
		SCREENS CHANGED		YES	NO	ACCU 39																															
		TOP	TOP																																		
EVE	12.00																											12.00	MIDDLE	MIDDLE							
DAY	12.00																											12.00	BOTTOM	BOTTOM							
TOTAL	24.00																											24.00									

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (M)

DRILL PIPE STANDS

DRILL PIPE SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

DESILTER

REDUCED PUMP SPEED

DEVIATION SURVEYS

CENTRIFUGE

DEPTH (M)

DEVIATION

DIRECTION

DRILLER SIGNATURE

Brent Williams

HRS RUN

0.00

BOILER PH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (M)

DRILL PIPE STANDS

DRILL PIPE SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

DESILTER

REDUCED PUMP SPEED

DEVIATION SURVEYS

CENTRIFUGE

DEPTH (M)

DEVIATION

DIRECTION

DRILLER SIGNATURE

PAT DURAND

HRS RUN

0.00

BOILER PH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

PASON DATAHUB

Akita 40

Job 1

AFE 1

V 0111293422

CAODC

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

ANADARKO LIARD P-16

OPERATOR

ANADARKO CANADA CORP.

RIG MANAGER

PAT DURAND

PROVINCE

N.W.T.

CAMP

X YES

NO

YEAR

2003

MONTH

7

DAY

1

RIG NO.

40

RIG SAFETY DAYS

1157

EVENING TOUR

FROM

0

TO

1200

INJURIES

CREW

SOC INS. NO.

NAME

Brent Williams

HRS

12.00

YES

NO

BW

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

159

DAY TOUR

FROM

1200

TO

2400

INJURIES

CREW

SOC INS. NO.

NAME

Andre Habel

HRS

12.00

YES

NO

AH

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

157

LICENCE NO.

WELL NAME & NO.

ANADARKO LIARD P-16

OPERATOR

ANADARKO CANADA CORP.

SURFACE LOCATION

80:25:50.10 N 123:31:58.30 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE

CONTRACTOR

AKITA DRILLING LTD.

UNIQUE ID

300P166030123300

SIGNATURE OF CONTRACTOR'S RIG MANAGER

PAT DURAND

DAILY CHECKS

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

(1.) Rig Site Health & Safety Meeting (one/crow/month)
(2.) CAODC 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 2003 MONTH 6 DAY 30

RIG NO. 40

FUEL @ 08:00 HRS

RIG BOILER

TEMPERATURE 15

CURRENT CONDITIONS OVER CAST

WIND DIRECTION CALM

ROAD CONDITION DRY

LAST CASING TUBING OR LINER

O.D. (mm) 177.8 156.7 43.15

MIN I.D. (mm) 177.8 159.4 38.69

MASS kg/m 43.15

MAKE ALGOMA

GRADE L80

NO. of JOINTS 49

TOTAL LENGTH 572.88

KB TO CSG HEAD 5.46

SET AT (m) 2992.00

DC / DP SIZE

MASS

GRADE

MINIMUM I.D.

T. JNT. O.D.

TYPE THREAD

NO. of JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

PASON DATAHUB

Akita 40

Job 1

AFE 1

V 0111293422



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	TOTALS	SHALE SHAKER (S)				RENTALS / SERVICES		EVENING	DAY
TIME OF DAY		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILG LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO. 1	TYPE 2	MEGAJOULES 8006/99111				
																														SCREENS CHANGED	YES	NO	ACCUM 39			
																														TOP	TOP					
																															MIDDLE	MIDDLE				
																														BOTTOM	BOTTOM					
EVE		12.00																										12.00								
DAY		12.00																										12.00								
TOTAL		24.00																										24.00								

NO. DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

BIT O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN MHR

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

FILL ON BOTTOM (M)

TORQUE AT BOTTOM

EVENING TOUR

MUD RECORD

MUD TYPE ☐ WATER BASED ☐ OIL BASED

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT AMOUNT UNIT

SOLIDS CONTROL

DESILTER

HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

CENTRIFUGE

DEPTH (M) DEVIATION DIRECTION

NOTES :

DRILLER SIGNATURE

Brent Williams

HRS RUN 0.00

BOILER PH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

METRES DRILLED

FROM TO D-R-C RPM WOB

FROM 0 TO 1200 ELAPSED TIME 12.00 CODE 1

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

RIG WATCH

NO. DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

BIT O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN MHR

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

FILL ON BOTTOM (M)

TORQUE AT BOTTOM

DAY TOUR

MUD RECORD

MUD TYPE ☐ WATER BASED ☐ OIL BASED

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT AMOUNT UNIT

SOLIDS CONTROL

DESILTER

HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

CENTRIFUGE

DEPTH (M) DEVIATION DIRECTION

NOTES :

DRILLER SIGNATURE

PAT DURAND

HRS RUN 0.00

BOILER PH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

METRES DRILLED

FROM TO D-R-C RPM WOB

FROM 1200 TO 2400 ELAPSED TIME 12.00 CODE 1

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

RIG WATCH

DRILLING CREW PAYROLL DATA										YEAR	MONTH	DAY
WELL NAME & NO.										2003	6	30
ANADARKO LIARD P-16												
OPERATOR					CONTRACTOR					RIG NO.		
ANADARKO CANADA CORP.					AKITA DRILLING LTD.					40		
RIG MANAGER					PAT DURAND					RIG SAFETY DAYS		
PROVINCE					CAMP					1156		
N.W.T.					☒ YES ☐ NO							
EVENING TOUR			FROM	0	TO	1200	INJURIES					
CREW	SOC INS. NO.	NAME				HRS		YES	NO			
DRILLER		Brent Williams				12.00			BW			

n)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AFE 1	
	V 0111293422	
E		
H		

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	29
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP			RIG SAFETY DAYS
N.W.T.	☒ YES ☐ NO			1155

[illegible][illegible]



WELL NAME & NO.				YEAR	MONTH	DAY
ANADARKO LIARD P-16				2003	6	28
OPERATOR			CONTRACTOR			
ANADARKO CANADA CORP.			AKITA DRILLING LTD.			
RIG MANAGER				RIG NO.		
PAT DURAND				40		
PROVINCE			CAMP	RIG SAFETY DAYS		
N.W.T.			☒ YES ☐ NO	1154		

[illegible][illegible]



WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	27
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE		CAMP		RIG SAFETY DAYS
N.W.T.		☒ YES ☐ NO		1153

	155	
--	-----	--

	153	
--	-----	--



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	26
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1152		

[illegible][illegible]

m)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AFE 1	
	V 0111293422	
KE		
TH		

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	25
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1151		

[illegible][illegible]



WELL NAME & NO.				YEAR	MONTH	DAY
ANADARKO LIARD P-16				2003	6	24
OPERATOR			CONTRACTOR			
ANADARKO CANADA CORP.			AKITA DRILLING LTD.			
RIG MANAGER				RIG NO.		
PAT DURAND				40		
PROVINCE				RIG SAFETY DAYS		
N.W.T.				1150		
CAMP						
☒ YES ☐ NO						

[illegible][illegible]

n) **PASON DATAHUB**
Akita 40
Job 1
AFE 1
V 0111293422

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	23
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1149		

[illegible][illegible]

n)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AFE 1	
	V 0111293422	
E		
H		

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	22
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	☒ YES ☐ NO		RIG SAFETY DAYS
N.W.T.				1148

[illegible][illegible]

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	20
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1146		

[illegible][illegible]

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	19
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE		CAMP	RIG SAFETY DAYS	
N.W.T.		☒ YES ☐ NO	1145	

[illegible][illegible]



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	18
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE		CAMP		RIG SAFETY DAYS
N.W.T.		☒ YES ☐ NO		1144

[illegible][illegible]



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	17
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1143		

[illegible][illegible]

n)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AFE 1	
	V 0111293422	
IE		
H		

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	16
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1142		

[illegible][illegible]

n)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AfE 1	
	V 0111293422	



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	14
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1140		

[illegible][illegible]

[illegible]

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	12
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1138		

[illegible][illegible]

n)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AfE 1	
	V 0111293422	
E		
H		

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	11
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1137		

[illegible][illegible]

	n)	PASON DATAHUB	
		Akita 40	
		Job 1	
		AFE 1	
		V 0111293422	
	E		
	H		

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	10
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1136		

[illegible][illegible]

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	9
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1135		

[illegible][illegible]

n)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AFE 1	
	V 0111293422	

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	8
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP			RIG SAFETY DAYS
N.W.T.	☒ YES ☐ NO			1134

[illegible][illegible]

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	7
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE		CAMP		RIG SAFETY DAYS
N.W.T.		☒ YES ☐ NO		1133

[illegible][illegible]

n) **PASON DATAHUB**
Akita 40
Job 1
AFE 1
V 0111293422

DRILLING CREW PAYROLL DATA					
WELL NAME & NO.			YEAR	MONTH	DAY
ANADARKO LIARD P-16			2003	6	6
OPERATOR		CONTRACTOR			
ANADARKO CANADA CORP.		AKITA DRILLING LTD.			
RIG MANGER			RIG NO.		
PAT DURAND			40		
PROVINCE	CAMP	☒ YES ☐ NO		RIG SAFETY DAYS	
N.W.T.				1132	

[illegible][illegible]

m)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AFE 1	
	V 0111293422	
RE		
H		

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	5
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1131		

[illegible][illegible]

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	4
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1130		

[illegible][illegible]

PASON DATAHUB
Akita 40
Job 1
AFE 1
V 0111293422



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	2
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1128		

[illegible][illegible]



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	6	1
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1127		

[illegible][illegible]

n)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AFE 1	
	V 0111293422	

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	5	31
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1126		

[illegible][illegible]

n)	PASON DATAHUB	
	Akita 40	
	Job 1	
	AFE 1	
	V 0111293422	
IE		
H		

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
ANADARKO LIARD P-16		2003	5	28
OPERATOR		CONTRACTOR		
ANADARKO CANADA CORP.		AKITA DRILLING LTD.		
RIG MANAGER		RIG NO.		
PAT DURAND		40		
PROVINCE	CAMP	RIG SAFETY DAYS		
N.W.T.	☒ YES ☐ NO	1123		

[illegible][illegible]