

[illegible]

SPUD DATE	2008/03/05	TIME	22:00
RIG RELEASE	2008/03/21	TIME	23:59
WELL TYPE	VERT.	RE-ENTRY	NO
OPERATOR'S AFE	US-28423		
KELLY BSHG	4.25	OP FUEL	
CONTRACTOR'S JOB NUM.	457		
TOUR SHEET SERIAL NUM.	AKTA14_20080322_1C		
VENDOR SOFTWARE VERSION	EDR 3.2-8 HF1 ETS 2.2		



DRILLING CREW PAYROLL DATA									
WELL NAME & NO.		YEAR		MONTH		DAY			
HUSKY et al Keele River L-52		2008		3		22			
OPERATOR			CONTRACTOR NAME						
HUSKY OIL OPERATIONS LIMITED			AKITA DRILLING LTD.						
RIG MANAGER							RIG NO.		
HALLOCK / UNRAU							14		
PROVINCE			CAMP		☒ YES ☐ NO		RIG SAFETY DAYS		
N.W.T.							8		

[illegible][illegible][illegible]

LICENCE NO. WELL NAME & NO. HUSKY et al Keele River L-52 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. SURFACE LOC. L-52 SIGNATURE OF OPERATOR'S REPRESENTATIVE SAM MACHNEE SIGNATURE OF CONTRACTOR'S RIG MANAGER HALLOCK / UNRAU

DAILY CHECKS (1) Daily Walk Around Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) HSE 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/week/month) (2) CAODC Rig Safety Inspection Checklist (one/week/month) (3) Mast Inspection before Raising or Lowering (4) Crown Saver Checked (5) Motor Vibe Checked

SPUD DATE 2008/03/05 TIME 22:00 RIG RELEASE 2008/03/21 TIME 23:59 WELL TYPE VERT. RE-ENTRY NO OPERATOR'S AFE US-28423 CONTRACTOR'S JOB NUM 457 TOUR SHEET SERIAL NUM AKTA14_20080321_1E VENDOR SOFTWARE VERSION EDR 3-2-8 HF1 ETS 2.2

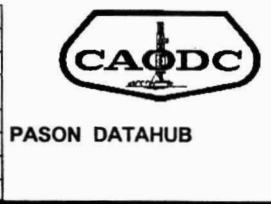


Table with 26 columns: 1-10 (RIGUP & TEARDOWN, DRILL ACTUAL, REAMING, CORING, CONDUIT & CIRC, TRIPS, RIG SERVICE, REPAIR RIG, CUT OFF, DRILL LINE, DEV. SURVEY, WIRELINE LOGS, RUN CSD & CEMENT, WAIT ON CEMENT, NIPPLE UP & D.P., TEST B.O.P., DRILLSTEM TEST, PLUG BACK, SQUEEZE CEMENT, FISHING, DR. WORK, SAFETY MEETING, RUN BRIDGE PLUG, 21-26 (TOTALS, NO. 1, TYPE, DOUBLE LIFE, TYPE, NEW/USED, TOP, MIDDLE, BOTTOM, SHALE SHAKER(S), RENTALS, SERVICES, MORN, DAY, EVE)

DRILLING CREW PAYROLL DATA

WELL NAME & NO. HUSKY et al Keele River L-52 YEAR 2008 MONTH 3 DAY 21 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. RIG MANAGER HALLOCK / UNRAU RIG NO. 14 PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 7

MORNING TOUR BIT RECORD, MUD RECORD, METRES DRILLED, TIME LOG. Includes sections for MUD MATERIALS ADDED, SOLIDS CONTROL, CENTRIFUGE, REDUCED PUMP SPEED, DEVIATION SURVEYS, BOILERS, and HOLE CONDITION.

Table with 6 columns: CREW, SOC INS. NO., NAME, HRS, YES, NO. Lists crew members: MARK CLIFFORD T3, JONOTHON SLEDZ, DWAYNE PACKER, STANLEY GRAHAM.

DAY TOUR BIT RECORD, MUD RECORD, METRES DRILLED, TIME LOG. Includes sections for MUD MATERIALS ADDED, SOLIDS CONTROL, CENTRIFUGE, REDUCED PUMP SPEED, DEVIATION SURVEYS, BOILERS, and HOLE CONDITION.

Table with 6 columns: CREW, SOC INS. NO., NAME, HRS, YES, NO. Lists crew members: J.D. HINKLEY, TONY OGILVIE, JEFF VANWALLEGHEM, LAMONT LESLIE, JASON MCINTOSH, MIKE STRANG, CHARLES GULLY.

EVENING TOUR BIT RECORD, MUD RECORD, METRES DRILLED, TIME LOG. Includes sections for MUD MATERIALS ADDED, SOLIDS CONTROL, CENTRIFUGE, REDUCED PUMP SPEED, DEVIATION SURVEYS, BOILERS, and HOLE CONDITION.

Table with 6 columns: CREW, SOC INS. NO., NAME, HRS, YES, NO. Lists crew members: JOSH SLEDZ, ADAM MATTIES, TROY LAMBERT, BRIAN FAULDS.

LICENCE NO WELL NAME & NO. HUSKY et al Keele River L-52 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. SURFACE LOC L-52 SIGNATURE OF OPERATOR'S REPRESENTATIVE SAM MACHNEE SIGNATURE OF CONTRACTOR'S RIG MANAGER HALLOCK / UNRAU

- DAILY CHECKS (1) Daily Walk Around Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) H2S Signs Posted if Required (4) Well License & Risk Diagram Posted (5) Flare Lines Stashed (6) BOP Drills Performed (7) Visually Inspect BOPs: Flare Lines & Degasser Lines (8) Rig Site Health & Safety Meeting (one/crow/month) (9) CAODC Rig Safety Inspection Checklist (one/crow/month) (10) Mast Inspection before Raising or Lowering (11) Crown Saver Checked (12) Motor Kills Checked

YEAR 2008 MONTH 3 DAY 20 RIG NO. 14 LAST CASING TUBING OR LINER 244.5 220 69.94 TENARS 177.8 158 38.68 TENARS L-80 18 252.19 4.25 252 L-80 66 896.03 4.25 895 MAKE GRADE NO. of JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m) MINIMUM I.D. T. INT. O.D. TYPE THREAD NO. of JOINTS PUMP TYPE PUMP MANUFACTURER STROKE LENGTH

SPUD DATE 2008/03/05 TIME 22:00 RIG RELEASE 2008/03/21 TIME 23:59 WELL TYPE VERT. RE-ENTRY NO OPERATOR'S AFE US-28423 KELLY BSHG OP FUEL CONTRACTOR'S JOB NUM 457 TOUR SHEET SERIAL NUM AKTA14_20080320_1E VENDOR SOFTWARE VERSION EDR 3-2-8 HF1 ETS 2.2



PASON DATAHUB

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	MORN	DAY	EVE	
	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 DOUBLE LIFE	TYPE										
MORN			2.0		3.25	2.5	0.25																				8.00	SCREENS CHANGED	NO	NEW USED				
DAY						3.25						4.5									0.25						8.00	50	TOP					
EVE					2.25							5.75															8.00	50	MIDDLE	MIDDLE				
TOTAL			2.00		5.50	5.75	0.25					10.25									0.25						24.00	50	BOTTOM	BOTTOM				

DRILLING CREW PAYROLL DATA

WELL NAME & NO. HUSKY et al Keele River L-52 YEAR 2008 MONTH 3 DAY 20 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. RIG NO. 14 RIG MANAGER HALLOCK / UNRAU PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 6

MORNING TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		J.D. HINKLEY	8.00		JH
DERRICK HAND		JEFF VANWALLEGHEM	8.00		JV
MOTOR HAND		LAMONT LESLIE	8.00		LL
FLOOR HAND		JASON MCINTOSH	8.00		JM
FLOOR HAND		GERRY MORASH	8.00		GM
LEASE HAND		MIKE STRANG	8.00		MS

DAY TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		MARK CLIFFORD T3	8.00		MC
DERRICK HAND		JONOTHON SLEDZ	8.00		JS
MOTOR HAND		DWAYNE PACKER	8.00		DP
FLOOR HAND		STANLEY GRAHAM	8.00		SG
LEASE HAND		CHARLES GULLY	8.00		CG
W.S.S.C.		TONY OGILVIE	12.00		TO

EVENING TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		J.D. HINKLEY	8.00		JH
DERRICK HAND		JEFF VANWALLEGHEM	8.00		JV
MOTOR HAND		LAMONT LESLIE	8.00		LL
FLOOR HAND		GERRY MORASH	8.00		GM
FLOOR HAND		JASON MCINTOSH	8.00		JM
LEASE HAND		MIKE STRANG	8.00		MS

CREW SAFETY DAYS 6 DRIVERS MIKE STRANG

LICENCE NO. WELL NAME & NO. HUSKY et al Keele River L-52 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. SURFACE LOCAT L-52 SIGNATURE OF OPERATOR'S REPRESENTATIVE SAM MACHNEE SIGNATURE OF CONTRACTOR'S RIG MANAGER HALLOCK / UNRAU

DAILY CHECKS (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 BOPs- Flare Lines & Degasser Lines (1) Rig Site Health & Safety Meeting (one/crew/month) (2) CAODC Rig Safety Inspection Checklist (one/crew/month) (3) Mast Inspection before Raising or Lowering (4) Crown Saver Checked (5) Motor Kills Checked

YEAR 2008 MONTH 3 DAY 19 RIG NO 14 FUEL IN 05:00 HRS BOILER

TEMPERATURE -28 DEGREES C CURRENT CONDITIONS CLOUDY WIND DIRECTION CALM ROAD CONDITION ICE

DC/DP SIZE MASS GRADE MINIMUM I.D. T. JNT. O.D. TYPE THREADED NO. OF JOINTS PUMP TYPE PUMP MANUFACTURER STROKE LENGTH

DC 102 20.84 X 85 130 4" FH 120 F500 EMSCO 191

DC 121 69.4 E 55 127 3.5" F 14 F800 EMSCO 229

DC 159 134.66 E 60 159 4.5" XH 12 F800 EMSCO 229

SHALE SHAKER(S) NO. 1 TYPE DOUBLE LIFE TYPE NEW/USED

REPAIRS SERVICES MORN DAY EVE

DRILLING CREW PAYROLL DATA WELL NAME & NO. HUSKY et al Keele River L-52 YEAR 2008 MONTH 3 DAY 19 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. RIG MANAGER HALLOCK / UNRAU RIG NO 14 PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 5

MORNING TOUR FROM 0 TO 800 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER J.D. HINKLEY 8.00 JH

DERRICK HAND JEFF VANWALLEGHEM 8.00 JV

MOTOR HAND LAMONT LESLIE 8.00 LL

FLOOR HAND JASON MCINTOSH 8.00 JM

FLOOR HAND GERRY MORASH 8.00 GM

LEASE HAND MIKE STRANG 8.00 MS

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER MARK CLIFFORD T3 12.00 MC

DERRICK HAND JONOTHON SLEDZ 12.00 JS

MOTOR HAND DWAYNE PACKER 12.00 DP

FLOOR HAND STANLEY GRAHAM 12.00 SG

LEASE HAND CHARLES GULLY 12.00 CG

W.S.S.C. TONY OGILVIE 12.00 TO

EVENING TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER J.D. HINKLEY 4.00 JH

DERRICK HAND JEFF VANWALLEGHEM 4.00 JV

MOTOR HAND LAMONT LESLIE 4.00 LL

FLOOR HAND GERRY MORASH 4.00 GM

FLOOR HAND JASON MCINTOSH 4.00 JM

LEASE HAND MIKE STRANG 4.00 MS

LICENCE NO

WELL NAME & NO

HUSKY et al Keele River L-52

OPERATOR

HUSKY OIL OPERATIONS LIMITED

SURFACE LOC

L-52

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SAM MACHNEE

CONTRACTOR NAME

AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF CONTRACTOR'S RIG MANAGER

HALLOCK / UNRAU

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) H2S Signs Posted if Required

(4.) Well Location & 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 (once/month)

(2.) CAODC Rig Safety Inspection Checklist (once/month)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kills Checked

OPER. RIG NO. 14

LAST CASING TUBING OR LINER

TEMPERATURE

DO/DP

DC/DP

MASS

GRADE

MINIMUM I.D.

T. INT. O.D.

TYPE THREAD

NO. OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

SPUD DATE

2008/03/05

TIME

22:00

RIG RELEASE

TIME

RE-ENTRY

NO

WELL TYPE

VERT.

OPERATOR'S AFE

US-28423

OP FUEL

CONTRACTOR'S JOB NUM

457

TOUR SHEET SERIAL NUM

AKTA14_20080317_1C

VENDOR SOFTWARE VERSION

EDR 3-2-8 HF1 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

HUSKY et al Keele River L-52

YEAR

2008

MONTH

3

DAY

17

OPERATOR

HUSKY OIL OPERATIONS LIMITED

CONTRACTOR NAME

AKITA DRILLING LTD.

RIG MANAGER

HALLOCK / UNRAU

RIG NO.

14

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

3

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

MORN

DAY

EVE

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

DOUBLE LIFE

SCREENS CHANGED

NO

NEW

USED

TOP

MIDDLE

BOTTOM

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1

BIT

O.D.

0.27

BIT NO.

MUD TYPE

WATER BASED

X

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

BIT SUB

159

0.73

SIZE

TIME

DENSITY (kg/m3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

CIRCULATION PRESSURE kPa

PUMP NO. 1

PUMP NO. 2

2

D.C.

159

4.76

WADC CODE

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

1

JAR

159

18.78

MANUFACTURER

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

BOILERS

1

2

1

X.O.

159

0.26

TYPE

STACK TEMP

540

STACK TEMP

580

DRILLER SIGNATURE

J.D. HINKLEY

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

4

D.C.

121

38.09

SERIAL NO.

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

Ti

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

1

X.O.

121

0.30

JETS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

Ti

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

78

DP

SINGLES

745.91

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (m)

WT. OF D.C.

13

WT. OF STRING

27

DRILLER SIGNATURE

J.D. HINKLEY

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1

BIT

O.D.

0.27

BIT NO.

#3

MUD TYPE

WATER BASED

X

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

BIT SUB

159

0.73

SIZE

216

TIME

DENSITY (kg/m3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

CIRCULATION PRESSURE kPa

PUMP NO. 1

PUMP NO. 2

2

D.C.

159

4.76

WADC CODE

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

1

JAR

159

18.78

MANUFACTURER

HUGHES

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

BOILERS

1

2

1

X.O.

159

0.26

TYPE

GX-18

STACK TEMP

550

STACK TEMP

570

DRILLER SIGNATURE

MARK CLIFFORD T3

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

4

D.C.

121

38.09

SERIAL NO.

6062422

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

Ti

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

1

X.O.

121

0.30

JETS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

Ti

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

78

DP

SINGLES

745.91

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (m)

WT. OF D.C.

13

WT. OF STRING

27

DRILLER SIGNATURE

MARK CLIFFORD T3

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

<

Form content including: License No, Well Name, Operator, Contractor, Daily Checks, Mud Record, Time Log, Morning Tour, Day Tour, Evening Tour, Crew Safety Days, and various technical data tables.

LICENCE NO.		WELL NAME & NO		HUSKY et al Keele River L-52		CONTRACTOR NAME		AKITA DRILLING LTD.		UNIQUE ID		SIGNATURE OF CONTRACTOR'S RIG MANAGER		HALLOCK / UNRAU		SIGNATURE OF OPERATOR'S REPRESENTATIVE		SAM MACHNEE		DAILY CHECKS		YEAR 2008 MONTH 3 DAY 15		RIG NO. 14		FUEL 1/2 08 00 HRS		RIG BOILER		TEMPERATURE 28		CURRENT CONDITIONS CLEAR		WIND DIRECTION CALM		ROAD CONDITION ICE		LAST CASING TUBING OR LINER		OD (mm)		MN/D (mm)		MASS (kg/m3)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE 2008/03/05		TIME 22:00		RIG RELEASE		WELL TYPE VERT.		RE-ENTRY		NO		OPERATOR'S AFE		US-28423		KELLY BSHG		OP FUEL		CONTRACTOR'S JOB NUM		457		TOUR SHEET SERIAL NUM		AKTA14_20080315_1D		VENDOR SOFTWARE VERSION		EDR 3-2-8 HF1 ETS 2.2		DRILLING CREW PAYROLL DATA		WELL NAME & NO		HUSKY et al Keele River L-52		YEAR 2008		MONTH 3		DAY 15		OPERATOR		HUSKY OIL OPERATIONS LIMITED		CONTRACTOR NAME		AKITA DRILLING LTD.		RIG NO.		14		PROVINCE		N.W.T.		CAMP		X YES		NO		RIG SAFETY DAYS		1		MORNING TOUR		FROM 0		TO 800		INJURIES		CREW		SOC INS. NO.		NAME		HRS		YES		NO		DRILLER		J.D. HINKLEY		8.00		JH		DERRICK HAND		JEFF VANWALLEGHEM		8.00		JV		MOTOR HAND		LAMONT LESLIE		8.00		LL		FLOOR HAND		JASON MCINTOSH		8.00		JM		LEASE HAND		MIKE STRANG		8.00		MS		RATE SCHEDULE		X REGULAR		REPAIR		INVERT		CREW SAFETY DAYS		DRIVERS		MIKE STRANG		DAY TOUR		FROM 800		TO 1600		INJURIES		CREW		SOC INS. NO.		NAME		HRS		YES		NO		DRILLER		MARK CLIFFORD T3		12.00		MC		DERRICK HAND		JONOTHON SLEDZ		12.00		JS		MOTOR HAND		DWAYNE PACKER		12.00		DP		FLOOR HAND		STANLEY GRAHAM		12.00		SG		LEASE HAND		GERRY MORASH		12.00		GM		LEASE HAND		CHARLES GULLY		12.00		CG		W.S.S.C.		TONY OGILVIE		12.00		TO		RATE SCHEDULE		X REGULAR		REPAIR		INVERT		CREW SAFETY DAYS		DRIVERS		MIKE STRANG		EVENING TOUR		FROM 1600		TO 2400		INJURIES		CREW		SOC INS. NO.		NAME		HRS		YES		NO		DRILLER		J.D. HINKLEY		4.00		JH		DERRICK HAND		JEFF VANWALLEGHEM		4.00		JV		MOTOR HAND		LAMONT LESLIE		4.00		LL		FLOOR HAND		JASON MCINTOSH		4.00		JM		LEASE HAND		MIKE STRANG		4.00		MS		RATE SCHEDULE		X REGULAR		REPAIR		INVERT		CREW SAFETY DAYS		DRIVERS		MIKE STRANG	
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LICENCE NO.

WELL NAME & NO.

HUSKY et al Keele River L-52

OPERATOR

HUSKY OIL OPERATIONS LIMITED

CONTRACTOR NAME

AKITA DRILLING LTD.

SURFACE LT

W

UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SAM MACHNEE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

HALLOCK / UNRAU

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) WBS Signs Posted (If Required)

(4.) Well Licence & Stack 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 Kils Checked

YEAR

2008

MONTH

3

DAY

14

LAST CASING TUBING OR LINER

244.5

MIN ID (mm)

220.5

MASS (kg/m3)

69.94

MAKE

TENARUS

GRADE

L-80

NO. of JOINTS

18

TOTAL LENGTH

252.19

KB TO CSG HEAD

4.25

SETAT (m)

252

TEMPERATURE

-27

CURRENT CONDITIONS

CLOUDY

WIND DIRECTION

N.W

ROAD CONDITION

ICE

DO/DP

DP

DO/DP SIZE

102

MASS

20.84

GRADE

X

MINIMUM ID

85

T. INT. O.D.

130

TYPE THREAD

4FH

NO. of JOINTS

120

PUMP TYPE

F500

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

191

DO/DP

DC

DO/DP SIZE

121

MASS

69.4

GRADE

E

MINIMUM ID

55

T. INT. O.D.

127

TYPE THREAD

3.5FH

NO. of JOINTS

14

PUMP TYPE

F800

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

229

DO/DP

DC

DO/DP SIZE

159

MASS

134.66

GRADE

E

MINIMUM ID

60

T. INT. O.D.

159

TYPE THREAD

4.5XH

NO. of JOINTS

12

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

SHALE SHAKER(S)

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW USED

TOP

MIDDLE

BOTTOM

RENTALS

SERVICES

MORN

DAY

EVE

SPUD DATE

2008/03/05

TIME

22:00

RIG RELEASE

TIME

WELL TYPE

VERT.

RE-ENTRY

NO

OPERATOR'S AFE

US-28423

KELLY BSHG

4.11

OP FUEL

CONTRACTOR'S JOB NUM

457

TOUR SHEET SERIAL NUM

AKTA14_20080314_1C

VENDOR SOFTWARE VERSION

EDR 3-2-8 HF1 ETS 2.2

DRILLING CREW PAYROLL DATA

YEAR

2008

MONTH

3

DAY

14

WELL NAME & NO.

HUSKY et al Keele River L-52

OPERATOR

HUSKY OIL OPERATIONS LIMITED

CONTRACTOR NAME

AKITA DRILLING LTD.

RIG MANAGER

HALLOCK / UNRAU

RIG NO.

14

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

11

MORNING TOUR

FROM

0

TO

800

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

JOSH SLEDZ

10.00

JS

DERRICK HAND

JAKE HINKLEY

10.00

JH

MOTOR HAND

ADAM MATTIES

10.00

AM

FLOOR HAND

TROY LAMBERT

10.00

TL

LEASE HAND

BRANDON DONNELLY

10.00

BD

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

11

DRIVERS

GERRY MORASH

DAY TOUR

FROM

800

TO

1600

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

MARK CLIFFORD T3

12.00

MC

DERRICK HAND

JONOTHON SLEDZ

12.00

JS

MOTOR HAND

DWAYNE PACKER

12.00

DP

FLOOR HAND

STANLEY GRAHAM

12.00

SG

LEASE HAND

GERRY MORASH

12.00

GM

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

11

DRIVERS

DAY TOUR

FROM

1600

TO

2400

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

J.D. HINKLEY

4.00

JH

DERRICK HAND

JEFF VANWALLEGHEM

4.00

JV

MOTOR HAND

LAMONT LESLIE

4.00

LICENCE NO WELL NAME & NO OPERATOR CONTRACTOR NAME DAILY CHECKS YEAR MONTH DAY LAST CASING TUBING OR LINER RIG NO. BOILER TEMPERATURE CURRENT CONDITIONS CLOUDY WIND DIRECTION NE ROAD CONDITION ICE



PASON DATAHUB

Table with 24 columns: CODE NO, GROUP ACTUAL, DRILL ACTUAL, REAMING, CORING, COND MUD & CIRC, TRIPS, RIG SERVICE, REPAIR RIG, OUT OFF DRILL LINE, DEV. SURVEY, WIRELINE LOGS, RUN CSG & CEMENT, WAIT ON CEMENT, NIPPLE UP B.O.P., TEST B.O.P., DRILL STEM TEST, PLUG BACK, SQUEEZE CEMENT, FISHING, DR. WORK, SAFETY MEETING, CIRC. TIME, AT CONNEI, TOTALS, NO. TYPE, DOUBLE LIFE, TYPE, RENTALS / SERVICES, MORN, DAY, EVE.

MORNING TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DAY TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

EVENING TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

LICENCE NO.

WELL NAME & NO.

OPERATOR

HUSKY OIL OPERATIONS LIMITED

CONTRACTOR NAME

AKITA DRILLING LTD.

SURFACE LOCATION

L-52

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SAM MACHNEE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

HALLOCK / UNRAU

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 (once/week/month)

(2.) CAODC Rig Safety Inspection Checklist (once/month)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kills Checked

YEAR

2008

MONTH

3

DAY

11

LAST CASING TUBING OR LINER

244.5

MIN ID (mm)

220.5

MASS (kg/m3)

69.94

MAKE

TENARUS

GRADE

L-80

NO. OF JOINTS

18

TOTAL LENGTH

252.19

KB TO CSG HEAD

4.25

SET AT (m)

252

TEMPERATURE

10

DC/DP

DP

DC

DC/DP

DP

MASS

102

GRADE

X

MINIMUM I.D.

85

T. ANT. Q.D.

130

TYPE

4"FH

NO. OF JOINTS

125

PUMP TYPE

F500

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

191

CURRENT CONDITIONS

CLOUDY

WIND DIRECTION

CALM

ROAD CONDITION

ICE

DC

121

69.4

E

55

127

3.5"IF

14

F800

EMSCO

229

SHALE SHAKERS(S)

RENTALS / SERVICES

MORN

DAY

EVE

SPUD DATE

2008/03/05

TIME

22:00

RIG RELEASE

TIME

RE-ENTRY

NO

WELL TYPE

VERT.

OPERATOR'S AFE

US-28423

KELLY BSHG

4.11

OP FUEL

CONTRACTOR'S JOB NUM

457

TOUR SHEET SERIAL NUM

AKTA14_20080311_1D

VENDOR SOFTWARE VERSION

EDR 3-2-8 HF1 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

HUSKY et al Keele River L-52

YEAR

2008

MONTH

3

DAY

11

OPERATOR

HUSKY OIL OPERATIONS LIMITED

CONTRACTOR NAME

AKITA DRILLING LTD.

RIG MANAGER

HALLOCK / UNRAU

RIG NO.

14

PROVINCE

N.W.T.

CAMP

☒ YES ☐ NO

RIG SAFETY DAYS

8

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

RIGUP & TEARDOWN

5.75

DRILL ACTUAL

5.75

REAMING

0.5

CORING

0.25

CONG MUD & CIRC

0.25

TRIPS

0.25

RIG SERVICE

2.00

REPAIR RIG

0.25

OUT OFF DRILL LINE

0.25

DEV. SURVEY

0.25

WIRELINE LOGS

0.25

RUN CSG & CEMENT

0.25

WAIT ON CEMENT

0.25

HIPOLE UP B.O.P.

0.25

TEST B.O.P.

0.25

DRILLSTEM TEST

0.25

PLUG BACK

0.25

SQUEEZE CEMENT

0.25

FISHING

0.25

DRL WORK

0.25

SAFETY MEETING

0.25

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

24

BIT NO.

1

SIZE

216

IADC CODE

1

MANUFACTURER

HUGHES

TYPE

GX-18

SERIAL NO.

8062422

JETS

20

X3

DEPTH OUT (m)

531

DEPTH IN (m)

252

TOTAL DRILLED (m)

279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

171

IADC CODE

1

MANUFACTURER

HUGHES

TYPE

C22

SERIAL NO.

7113946

JETS

20

X3

DEPTH OUT (m)

531

DEPTH IN (m)

252

TOTAL DRILLED (m)

279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

171

IADC CODE

1

MANUFACTURER

HUGHES

TYPE

C22

SERIAL NO.

7113946

JETS

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X3

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531

DEPTH IN (m)

252

TOTAL DRILLED (m)

279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

NO

1

2

3

4

5

6

7

8

9

10

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TOTALS

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

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TYPE

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279.00

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CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

NO

1

2

3

4

5

6

7

8

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TOTALS

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

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7113946

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279.00

TOTAL HRS RUN

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CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

NO

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TOTALS

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

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MANUFACTURER

HUGHES

TYPE

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SERIAL NO.

7113946

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X3

DEPTH OUT (m)

531

DEPTH IN (m)

252

TOTAL DRILLED (m)

279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

NO

1

2

3

4

5

6

7

8

9

10

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25

26

TOTALS

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

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IADC CODE

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MANUFACTURER

HUGHES

TYPE

C22

SERIAL NO.

7113946

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MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

NO

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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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

171

IADC CODE

1

MANUFACTURER

HUGHES

TYPE

C22

SERIAL NO.

7113946

JETS

20

X3

DEPTH OUT (m)

531

DEPTH IN (m)

252

TOTAL DRILLED (m)

279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

171

IADC CODE

1

MANUFACTURER

HUGHES

TYPE

C22

SERIAL NO.

7113946

JETS

20

X3

DEPTH OUT (m)

531

DEPTH IN (m)

252

TOTAL DRILLED (m)

279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

171

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1

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HUGHES

TYPE

C22

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279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

171

IADC CODE

1

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HUGHES

TYPE

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252

TOTAL DRILLED (m)

279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

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MANUFACTURER

HUGHES

TYPE

C22

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DEPTH IN (m)

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279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

171

IADC CODE

1

MANUFACTURER

HUGHES

TYPE

C22

SERIAL NO.

7113946

JETS

20

X3

DEPTH OUT (m)

531

DEPTH IN (m)

252

TOTAL DRILLED (m)

279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

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MANUFACTURER

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TYPE

C22

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20

X3

DEPTH OUT (m)

531

DEPTH IN (m)

252

TOTAL DRILLED (m)

279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

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

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

171

IADC CODE

1

MANUFACTURER

HUGHES

TYPE

C22

SERIAL NO.

7113946

JETS

20

X3

DEPTH OUT (m)

531

DEPTH IN (m)

252

TOTAL DRILLED (m)

279.00

TOTAL HRS RUN

16.5

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/hr

DP

STANDS

371.77

HOLE CONDITION

HOLE DRAG

2 up 0 down

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

14

WT. OF STRING

24

NO

1

2

3

4

5

6

7

8

9

10

11

12

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14

15

16

17

18

19

20

21

22

23

24

25

26

TOTALS

NO. 1

TYPE

DOUBLE LIFE

SCREENS CHANGED

NO

NEW/USED

TOP

MIDDLE

BOTTOM

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

Q.D.

0.26

BIT NO.

2

SIZE

171

IADC CODE

1

MANUFACTURER

HUGHES

TYPE

C22

SERIAL NO.

7113946

JETS

20

X3

DEPTH OUT (m)

531

DEPTH IN (m)

252

LICENCE NO. WELL NAME & NO. HUSKY et al Keele River L-52 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. SURFACE LOCATION L-52 SIGNATURE OF OPERATOR'S REPRESENTATIVE SAM MACHNEE SIGNATURE OF CONTRACTOR'S RIG MANAGER HALLOCK / UNRAU

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	MORN	DAY	EVE
	RIGUP & TEARDOWN	DRELL ACTUAL	REAMING	CORING	CONO MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	OUT OFF DRELL LINE	DEV. SURVEY	WIRELIN LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRELLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DR. WORK	SAFETY MEETING	DRELL OUT	NO. TYPE DOSE/LIFE		TYPE									
MORN		0.5			2.25	2.25									0.5					2.0	0.25	0.25					8.00	SCREENS CHANGED	NEW/USED	USED				
DAY		4.5				2.75	0.25													0.25	0.25						8.00	50	TOP	TOP				
EVE		5.75					0.25			2.0																	8.00	50	MIDDLE	MIDDLE				
TOTAL		10.75			2.25	5.00	0.50			2.00					0.50					2.25	0.50	0.25					24.00	50	BOTTOM	BOTTOM				

NO. 1 BIT RECORD: 1. VIRTITRAK, 2. FILTER SUB, 3. FLOAT SUB, 4. ROLLER REAMER, 5. D.C., 6. PLPB SUB, 7. D.C., 8. JAR, 9. D.C., 10. X.O., 11. D.C., 12. X.O. MORNING TOUR: MUD TYPE, WATER BASED, OIL BASED. METRES DRILLED: FROM 0 TO 257. TIME LOG: DETAILS OF OPERATIONS IN SEQUENCE & REMARKS. HOLE CONDITION: 1 UP 1 DOWN.

NO. 2 BIT RECORD: 1. VIRTITRAK, 2. FILTER SUB, 3. FLOAT SUB, 4. ROLLER REAMER, 5. D.C., 6. PLPB SUB, 7. D.C., 8. JAR, 9. D.C., 10. X.O., 11. D.C., 12. X.O. DAY TOUR: MUD TYPE, WATER BASED, OIL BASED. METRES DRILLED: FROM 257 TO 336. TIME LOG: DETAILS OF OPERATIONS IN SEQUENCE & REMARKS. HOLE CONDITION: 1 UP 1 DOWN.

NO. 3 BIT RECORD: 1. VIRTITRAK, 2. FILTER SUB, 3. FLOAT SUB, 4. ROLLER REAMER, 5. D.C., 6. PLPB SUB, 7. D.C., 8. JAR, 9. D.C., 10. X.O., 11. D.C., 12. X.O. EVENING TOUR: MUD TYPE, WATER BASED, OIL BASED. METRES DRILLED: FROM 336 TO 450. TIME LOG: DETAILS OF OPERATIONS IN SEQUENCE & REMARKS. HOLE CONDITION: 3 up 2 down.

SPUD DATE: 2008/03/05 TIME: 22:00 RIG RELEASE: VERT. RE-ENTRY: NO OPERATOR'S AFE: US-28423 KELLER BSHG: 4.11 OP FUEL: 457 CONTRACTOR'S JOB NUM: AKTA14_20080310_1F TOUR SHEET SERIAL NUM: EDR 3-28 HF1 ETS 2.2 VENDOR SOFTWARE VERSION: DRILLING CREW PAYROLL DATA

WELL NAME & NO. HUSKY et al Keele River L-52 YEAR 2008 MONTH 3 DAY 10 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. RIG MANAGER HALLOCK / UNRAU RIG NO. 14 PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 7

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		MARK CLIFFORD T3	8.00		MC
DERRICK HAND		JONOTHON SLEDZ	8.00		JS
MOTOR HAND		DWAYNE PACKER	8.00		DP
FLOOR HAND		STANLEY GRAHAM	8.00		SG
LEASE HAND		GERRY MORASH	8.00		GM

RATE SCHEDULE: X REGULAR REPAIR INVERT CREW SAFETY DAYS: 7 DRIVERS: GERRY MORASH

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		JOSH SLEDZ	12.00		JS
DERRICK HAND		JAKE HINKLEY	12.00		JH
MOTOR HAND		ADAM MATTIES	12.00		AM
FLOOR HAND		TROY LAMBERT	12.00		TL
LEASE HAND		BRANDON DONNELLY	12.00		BD
LEASE HAND		ARNOLD MANUEL	8.00		AM
W.S.S.C.		TONY OGILVIE	12.00		TO

RATE SCHEDULE: X REGULAR REPAIR INVERT CREW SAFETY DAYS: 7 DRIVERS: GERRY MORASH

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		MARK CLIFFORD T3	4.00		MC
DERRICK HAND		JONOTHON SLEDZ	4.00		JS
MOTOR HAND		DWAYNE PACKER	4.00		DP
FLOOR HAND		STANLEY GRAHAM	4.00		SG
LEASE HAND		GERRY MORASH	4.00		GM

RATE SCHEDULE: X REGULAR REPAIR INVERT CREW SAFETY DAYS: 7 DRIVERS: GERRY MORASH

Form content including: HUSKY et al Keele River L-52, AKITA DRILLING LTD., DRILLING CREW PAYROLL DATA, MORNING TOUR, DAY TOUR, EVENING TOUR, and various technical data tables.

LICENCE NO. WELL NAME & NO. OPERATOR CONTRACTOR NAME SURFACE LOCAT. 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 & Stock Diagram Posted (5) Flare Lines Staked (6) ROP Data Performed (7) Visually Inspect BOPs, Flare Lines & Degasser Lines (8) Rig Site Health & Safety Meeting (one/week/month) (9) CAODC Rig Safety Inspection Checklist (one/week/month) (10) Mast Inspection before Raising or Lowering (11) Crown Saver Checked (12) Motor Kils Checked

YEAR MONTH DAY RIG NO. FUEL HRS TEMPERATURE CURRENT CONDITIONS WIND DIRECTION ROAD CONDITION

LAST CASING TUBING OR LINER O.D. MINID. MASS MAKE GRADE NO. OF JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m) PUMP TYPE PUMP MANUFACTURER STROKE LENGTH

SPUD DATE 2008/03/05 TIME 22:00 RIG RELEASE TIME WELL TYPE VERT. RE-ENTRY NO OPERATOR'S AFE US-28423 KELLY BSHG 4.11 OP FUEL CONTRACTOR'S JOB NUM 457 TOUR SHEET SERIAL NUM AKTA14_20080308_1F VENDOR SOFTWARE VERSION EDR 3-2-8 HF1 ETS 2.2



Table with 26 columns: CODE NO, RIGUP & TEARDOWN, DRILL ACTUAL, REAMING, CORING, CONO MUD & CIRC, TRIPS, RIG SERVICE, REPAIR RIG, CUT OFF DRILL LINE, DEV. SURVEY, WIRELINE LOSS, RUN CSG & CEMENT, WAIT ON CEMENT, NIPPLE UP B.O.P., TEST B.O.P., DRILLSTEM TEST, PLUG BACK, SQUEEZE CEMENT, FISHING, DIRL WORK, SAFETY MEETING, LAY OUT DIVER, DIVER, WELD ON B, TOTALS, SHALE SHAKER(S), NO. TYPE, DOUBLE LIFE, TYPE, SCREENS CHANGED, NO, NEW USED, TOP, MIDDLE, BOTTOM, MORN, DAY, EVE

DRILLING CREW PAYROLL DATA WELL NAME & NO. HUSKY et al Keele River L-52 YEAR 2008 MONTH 3 DAY 8 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. RIG MANAGER HALLOCK / UNRAU RIG NO 14 PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 5

MORNING TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

MORNING TOUR FROM 0 TO 800 INJURIES CREW SOC INS. NO. NAME HRS YES NO

DAY TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DAY TOUR FROM 800 TO 1600 INJURIES CREW SOC INS. NO. NAME HRS YES NO

EVENING TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

EVENING TOUR FROM 1600 TO 2400 INJURIES CREW SOC INS. NO. NAME HRS YES NO

LICENCE NO. WELL NAME & NO. OPERATOR CONTRACTOR NAME SURFACE LOCATI SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

SPUD DATE RIG RELEASE WELL TYPE OPERATOR'S AFE KELLY BSHG CONTRACTOR'S JOB NUM TOUR SHEET SERIAL NUM VENDOR SOFTWARE VERSION



Table with 26 columns: CODE NO, RIGUP & TEARDOWN, DRILL ACTUAL, REAMING, CORING, CONO 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, TOTALS, SHALE SHAKER(S), RENTALS, SERVICES, MORN, DAY, EVE

DRILLING CREW PAYROLL DATA: WELL NAME & NO., OPERATOR, RIG MANAGER, PROVINCE, CAMP, RIG NO., RIG SAFETY DAYS

MORNING TOUR: BIT RECORD, MUD RECORD, METRES DRILLED, TIME LOG, DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

MORNING TOUR: CREW, SOC INS. NO., NAME, HRS, YES, NO. Includes crew list with names like J.D. HINKLEY, JEFF VANWALLEGHEM, LAMONT LESLIE, JASON MCINTOSH, MIKE STRANG.

DAY TOUR: BIT RECORD, MUD RECORD, METRES DRILLED, TIME LOG, DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DAY TOUR: CREW, SOC INS. NO., NAME, HRS, YES, NO. Includes crew list with names like JOSH SLEDZ, JAKE HINKLEY, ADAM MATTIES, TROY LAMBERT, BRANDON DONNELLY, JONATHAN AYAH, TONY OGILVIE.

EVENING TOUR: BIT RECORD, MUD RECORD, METRES DRILLED, TIME LOG, DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

EVENING TOUR: CREW, SOC INS. NO., NAME, HRS, YES, NO. Includes crew list with names like MARK CLIFFORD T3, JONOTHON SLEDZ, BRAD TARR, STANLEY GRAHAM, GERRY MORASH.

LICENCE NO. WELL NAME & NO. HUSKY et al Keele River L-52 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. SURFACE LO L-52 SIGNATURE OF OPERATOR'S REPRESENTATIVE SAM MACHNEE SIGNATURE OF CONTRACTOR'S RIG MANAGER HALLOCK / UNRAU

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 (8.) Rig Site Health & Safety Meeting (one/crow/month) (9.) CAODC Rig Safety Inspection Checklist (one/rig/month) (10.) Mast Inspection before Raising or Lowering (11.) Crown Saver Checked (12.) Motor Kills Checked

YEAR 2008 MONTH 3 DAY 5 LAST CASING TUBING OR LINER O.D. (mm) MIN I.D. (mm) MASS (kg/m3) MAKE GRADE NO. OF JOINTS TOTAL LENGTH NB TO CSG HEAD SET AT (m) RIG NO. 14 FUEL 12 03 00 HRS BOILER TEMPERATURE DO/DP DC/DP MASS GRADE MINIMUM I.D. T. INT. O.D. TYPE THREAD NO. OF JOINTS PUMP TYPE PUMP MANUFACTURER STROKE LENGTH CURRENT CONDITIONS WIND DIRECTION ROAD CONDITION

SPUD DATE: 2008/03/05 TIME 22:00 RIG RELEASE TIME RE-ENTRY WELL TYPE OPERATOR'S AFE US-28423 KILLY BSHG: OP FUEL CONTRACTOR'S JOB NUM 457 TOUR SHEET SERIAL NUM AKTA14_20080305_1D VENDOR SOFTWARE VERSION EDR 3-28 HF1 ETS 2.2



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		MORN	DAY	EVE
	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 S.O.P.	TEST S.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	WELD							NO.	TYPE	TYPE			
MORN	8.0																										8.00	SCREENS CHANGED		NEW / USED				
DAY	7.75																				0.25						8.00	TOP		TOP				
EVE	5.75																				0.25	2.0					8.00			MIDDLE				
TOTAL	21.50																				0.50	2.00					24.00	BOTTOM		BOTTOM				

DRILLING CREW PAYROLL DATA

WELL NAME & NO. HUSKY et al Keele River L-52 YEAR 2008 MONTH 3 DAY 5 OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD. RIG MANAGER MIC HALLOCK RIG NO. 14 PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 2

MORNING TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS RAISE DERRICK, RIG UP MONKEY BOARDS, HOOK UP WATER AND STEAM LINES, AND WAIT ON DAY LIGHT TO SPOT REST OF THE BUILDINGS

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		J.D. HINKLEY	9.00		JH
DERRICK HAND		JEFF VANWALLEGHEM	9.00		JV
MOTOR HAND		LAMONT LESLIE	9.00		LL
FLOOR HAND		JASON MCINTOSH	9.00		JM
LEASE HAND		MIKE STRANG	8.00		MS

DAY TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS SAFETY MEETING WITH RIG CREW, TRUCKERS, CAT OPERATORS, CONSTRUCTION CREW, WATER HAULERS, AND HUSKY REPS

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		JOSH SLEDZ	12.00		JS
DERRICK HAND		JAKE HINKLEY	12.00		JH
MOTOR HAND		ADAM MATTIES	12.00		AM
FLOOR HAND		TROY LAMBERT	12.00		TL
LEASE HAND		BRIAN FAULDS	12.00		BF
W.S.S.C.		TONY OGILVIE	12.00		TO

EVENING TOUR BIT RECORD MUD RECORD METRES DRILLED TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS RIG UP BOILERS, PUMPS, BUILDINGS

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		J.D. HINKLEY	4.00		JH
DERRICK HAND		JEFF VANWALLEGHEM	4.00		JV
MOTOR HAND		LAMONT LESLIE	4.00		LL
FLOOR HAND		JASON MCINTOSH	4.00		JM
LEASE HAND		MIKE STRANG	4.00		MS

LICENCE NO

WELL NAME & NO

HUSKY et al Keele River L-52

OPERATOR

HUSKY OIL OPERATIONS LIMITED

CONTRACTOR NAME

AKITA DRILLING LTD.

SURFACE L

L-52

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SAM MACHNEE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

HALLOCK / UNRAU

DAILY CHECKS

1.) Daily Walk Around Inspection

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

3.) H2S Signs Posted if Required

4.) Well Licence & Stock Diagram Posted

5.) Flare Lines Staked

6.) BOP Data Performed

7.) Visually Inspect BOPs, Flare Lines & Degasser Lines

8.) Rig Site Health & Safety Meeting (once/month)

9.) CAODC Rig Safety Inspection Checklist (once/month)

10.) Mast Inspection before Raising or Lowering

11.) Crown Saver Checked

12.) Motor Kills Checked

13.)

14.)

15.)

16.)

17.)

18.)

19.)

20.)

21.)

22.)

23.)

24.)

25.)

26.)

YEAR

2008

MONTH

3

DAY

4

LAST CASING TUBING OR LINER

OD (mm)

MMID (mm)

MASS (kg/m3)

MAKE

GRADE

NO OF JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

TEMPERATURE

DC/DP

DC/DP SIZE

MASS

GRADE

MINIMUM I.D.

T. INT. O.D.

TYPE THREAD

NO OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

WIND DIRECTION

ROAD CONDITION

SPUD DATE

2008/03/05

TIME

22:00

RIG RELEASE

TIME

RE-ENTRY

WELL TYPE

OPERATOR'S AFE

US-28423

KELLY BSHG

CONTRACTOR'S JOB NUM

457

TOUR SHEET SERIAL NUM

AKTA14_20080304_1B

VENDOR SOFTWARE VERSION

EDR 3-2-8 HF1 ETS 2.2

CAODC

PASON DATAHUB

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

NO

TYPE

TYPE

SCREENS CHANGED

NEW

USED

TOP

MIDDLE

BOTTOM

SHALE SHAKER(S)

RENTALS / SERVICES

MORN

DAY

EVE

RIGUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

COND MUD & CIRC

TRIPS

RIG SERVICE

REPAIR RIG

CUT OFF DRILL LINE

DEV SURVEY

WIRELINE LOSS

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

WAIT ON DAYLIGHT

8.0

8.00

8.00

8.00

24.00

NO

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

FROM

TO

ELAPSED TIME

CODE

WAIT ON DAYLIGHT TO MOVE RIG IN

NO

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

FROM

TO

ELAPSED TIME

CODE

HAUL IN LOADS 1 AT A TIME

NO

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

FROM

TO

ELAPSED TIME

CODE

RIG UP WINCH LINES, DRILL LINE, HYDRAULIC LINES, AND GET READY TO RAISE DERRICK

DRILLER

SOC INS. NO.

NAME

HRS

YES

NO

J.D. HINKLEY

8.00

JH

DERRICK HAND

JEFF VANWALLEGHEM

8.00

JV

MOTOR HAND

LAMONT LESLIE

8.00

LL

FLOOR HAND

JASON MCINTOSH

8.00

JM

LEASE HAND

MIKE STRANG

8.00

MS

DRILLER

SOC INS. NO.

NAME

HRS

YES

NO

JOSH SLEDZ

12.00

JS

DERRICK HAND

JAKE HINKLEY

12.00

JH

MOTOR HAND

ADAM MATTIES

12.00

AM

FLOOR HAND

TROY LAMBERT

12.00

TL

LEASE HAND

BRIAN FAULDS

12.00

BF

W.S.S.C.

TONY OGILVIE

12.00

TO

DRILLER

SOC INS. NO.

NAME

HRS

YES

NO

J.D. HINKLEY

4.00

JH

DERRICK HAND

JEFF VANWALLEGHEM

4.00

JV

MOTOR HAND

LAMONT LESLIE

4.00

LL

FLOOR HAND

JASON MCINTOSH

4.00

JM

LEASE HAND

MIKE STRANG

4.00

MS

LICENCE NO. WELL NAME & NO. HUSKY et al Keele River L-52

OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LO L-52 SIGNATURE OF CONTRACTOR'S RIG MANAGER HALLOCK / UNRAU

SIGNATURE OF OPERATOR'S REPRESENTATIVE SAM MACHNEE

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) Well Licence & Stick Diagram Posted

(4.) Flare Lines Staked

(5.) SCOP Drills Performed

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

(7.) Rig Site Health & Safety Meeting (once/week/month)

(8.) CAGDC Rig Safety Inspection Checklist (once/month)

(9.) Meet Inspection before Raising or Lowering

(10.) Crown Saver Checked

(11.) Motor Kills Checked

YEAR 2008 MONTH 3 DAY 2

RIG NO. 14

LAST CASING TUBING OR LINER

OD (mm) 177.8

MIN ID (mm) 166

MASS (kg/m3) 25.3

MAKE IPSCO

GRADE H-40

NO. OF JOINTS 9

TOTAL LENGTH 126.98

KB TO CSG HEAD 4.25

SET AT (m) 126

TEMPERATURE

DC/DP SIZE

MASS

GRADE

MINIMUM I.D.

T. INT. O.D.

TYPE THREAD

NO. OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

DC 102 20.84 X 85 130 4" FH 56 F500 EMSCO 191

DC 121 69.4 E 55 127 3.5" IF 13

DC 159 134.66 E 60 159 4.5" XH 12

SPUD DATE 2008/03/05 TIME 22:00

RIG RELEASE TIME

WELL TYPE VERT. RE-ENTRY NO

OPERATOR'S AFE US-28423

KELLY BSHG 4.25 GP FUEL

CONTRACTOR'S JOB NUM 457

TOUR SHEET SERIAL NUM AKTA14_20080302_1D

VENDOR SOFTWARE VERSION EDR 3-2-8 HF1 ETS 2.2



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
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRG	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						
MORN																											
DAY																											
EVE																											
TOTAL																											

DRILLING CREW PAYROLL DATA

WELL NAME & NO. HUSKY et al Keele River L-52 YEAR 2008 MONTH 3 DAY 2

OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER HALLOCK / UNRAU RIG NO. 14

PROVINCE N.W.T. CAMP YES NO RIG SAFETY DAYS 67

NO. DRILLING ASSEMBLY (AT END OF TOUR) LENGTH BIT RECORD

BIT NO. O.D.

SIZE

WDC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

Ti To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/hr

DP STANDS

DP SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

MORNING 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

CENTRIFUGE

HOURS RUN INTAKE DENSITY OVER FLOW DENSITY UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 8 HRS RUN

BOILER pH

BOILER pH

STACK TEMP

STACK TEMP

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

TIME LOG

FROM TO ELAPSED TIME CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DRILLER SIGNATURE

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

MORNING TOUR

FROM 0 TO 800

INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER J.D. HINKLEY 8.00 -4 JH

DERRICK HAND JEFF VANWALLEGHEM 8.00 -4 JV

MOTOR HAND LAMONT LESLIE 8.00 -4 LL

FLOOR HAND MIKE STRANG 8.00 -4 MS

LEASE HAND BRIAN FAULDS 8.00 -4 BF

DRILLER X JOSH SLEDZ 8.00 -4 JS

DERRICK HAND X JAKE HINKLEY 8.00 -4 JH

MOTOR HAND X ADAM MATTIES 8.00 -4 AM

FLOOR HAND X TROY LAMBERT 8.00 -4 TL

FLOOR HAND X JASON MCINTOSH 8.00 -4 JM

W.S.S.C. X TONY OGILVIE 8.00 -4 TO

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS

67

DAY TOUR

FROM 800 TO 1600

INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER J.D. HINKLEY 8.00 -4 JH

DERRICK HAND JEFF VANWALLEGHEM 8.00 -4 JV

MOTOR HAND LAMONT LESLIE 8.00 -4 LL

FLOOR HAND MIKE STRANG 8.00 -4 MS

LEASE HAND BRIAN FAULDS 8.00 -4 BF

DRILLER X JOSH SLEDZ 8.00 -4 JS

DERRICK HAND X JAKE HINKLEY 8.00 -4 JH

MOTOR HAND X ADAM MATTIES 8.00 -4 AM

FLOOR HAND X TROY LAMBERT 8.00 -4 TL

FLOOR HAND X JASON MCINTOSH 8.00 -4 JM

W.S.S.C. X TONY OGILVIE 8.00 -4 TO

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS

BRIAN FAULDS

67

EVENING TOUR

FROM 1600 TO 2400

INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER J.D. HINKLEY 8.00 -4 JH

DERRICK HAND JEFF VANWALLEGHEM 8.00 -4 JV

MOTOR HAND LAMONT LESLIE 8.00 -4 LL

FLOOR HAND MIKE STRANG 8.00 -4 MS

LEASE HAND BRIAN FAULDS 8.00 -4 BF

DRILLER X JOSH SLEDZ 8.00 -4 JS

DERRICK HAND X JAKE HINKLEY 8.00 -4 JH

MOTOR HAND X ADAM MATTIES 8.00 -4 AM

FLOOR HAND X TROY LAMBERT 8.00 -4 TL

FLOOR HAND X JASON MCINTOSH 8.00 -4 JM

W.S.S.C. X TONY OGILVIE 8.00 -4 TO

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS

BRIAN FAULDS

67

NO. DRILLING ASSEMBLY (AT END OF TOUR) LENGTH BIT RECORD

BIT NO. O.D.

SIZE

WDC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

Ti To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/hr

DP STANDS

DP SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

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

CENTRIFUGE

HOURS RUN INTAKE DENSITY OVER FLOW DENSITY UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 8 HRS RUN

BOILER pH

BOILER pH

STACK TEMP

STACK TEMP

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

TIME LOG

FROM TO ELAPSED TIME CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DRILLER SIGNATURE

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

DAY TOUR

FROM 800 TO 1600

INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER J.D. HINKLEY 8.00 -4 JH

DERRICK HAND JEFF VANWALLEGHEM 8.00 -4 JV

MOTOR HAND LAMONT LESLIE 8.00 -4 LL

FLOOR HAND MIKE STRANG 8.00 -4 MS

LEASE HAND BRIAN FAULDS 8.00 -4 BF

DRILLER X JOSH SLEDZ 8.00 -4 JS

DERRICK HAND X JAKE HINKLEY 8.00 -4 JH

MOTOR HAND X ADAM MATTIES 8.00 -4 AM

FLOOR HAND X TROY LAMBERT 8.00 -4 TL

FLOOR HAND X JASON MCINTOSH 8.00 -4 JM

W.S.S.C. X TONY OGILVIE 8.00 -4 TO

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS

BRIAN FAULDS

67

EVENING TOUR

FROM 1600 TO 2400

INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER J.D. HINKLEY 8.00 -4 JH

DERRICK HAND JEFF VANWALLEGHEM 8.00 -4 JV

MOTOR HAND LAMONT LESLIE 8.00 -4 LL

FLOOR HAND MIKE STRANG 8.00 -4 MS

LEASE HAND BRIAN FAULDS 8.00 -4 BF

DRILLER X JOSH SLEDZ 8.00 -4 JS

DERRICK HAND X JAKE HINKLEY 8.00 -4 JH

MOTOR HAND X ADAM MATTIES 8.00 -4 AM

FLOOR HAND X TROY LAMBERT 8.00 -4 TL

FLOOR HAND X JASON MCINTOSH 8.00 -4 JM

W.S.S.C. X TONY OGILVIE 8.00 -4 TO

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS

BRIAN FAULDS

67

NO. DRILLING ASSEMBLY (AT END OF TOUR) LENGTH BIT RECORD

BIT NO. O.D.

SIZE

WDC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

Ti To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/hr

DP STANDS

DP SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

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

CENTRIFUGE

HOURS RUN INTAKE DENSITY OVER FLOW DENSITY UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 8 HRS RUN

BOILER pH

BOILER pH

STACK TEMP

STACK TEMP

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

TIME LOG

FROM TO ELAPSED TIME CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DRILLER SIGNATURE

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

EVENING TOUR

FROM 1600 TO 2400

INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER J.D. HINKLEY 8.00 -4 JH

DERRICK HAND JEFF VANWALLEGHEM 8.00 -4 JV

MOTOR HAND LAMONT LESLIE 8.00 -4 LL

FLOOR HAND MIKE STRANG 8.00 -4 MS

LEASE HAND BRIAN FAULDS 8.00 -4 BF

DRILLER X JOSH SLEDZ 8.00 -4 JS

DERRICK HAND X JAKE HINKLEY 8.00 -4 JH

MOTOR HAND X ADAM MATTIES 8.00 -4 AM

FLOOR HAND X TROY LAMBERT 8.00 -4 TL

FLOOR HAND X JASON MCINTOSH 8.00 -4 JM

W.S.S.C. X TONY OGILVIE 8.00 -4 TO

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS

BRIAN FAULDS

67

LICENCE NO. WELL NAME & NO. HUSKY et al Keele River L-52

OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LC L-52 SIGNATURE OF OPERATOR'S REPRESENTATIVE SAM MACHNEE SIGNATURE OF CONTRACTOR'S RIG MANAGER MIC HALLOCK

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 (8) Rig Site Health & Safety Meeting (one/crew/month) (9) CAODC Rig Safety Inspection Checklist (one/rig/month) (10) Meest Inspection before Raising or Lowering (11) Crown Saver Checked (12) Motor Kills Checked

YEAR 2008 MONTH 2 DAY 29

RIG NO. 14 FUEL at 08:00 HRS BOILER 141

TEMPERATURE -12 CURRENT CONDITIONS CLEAR WIND DIRECTION CALM ROAD CONDITION ICE

DC/DP SIZE MASS GRADE MINIMUM I.D. T. JNT. O.D. TYPE THREAD NO. OF JOINTS PUMP TYPE PUMP MANUFACTURER STROKE LENGTH

DC/DP 102 20.84 X 85 130 4" FH 56 F500 EMSCO 191

DC 121 69.4 E 55 127 3.5" IF 13

DC 159 134.66 E 60 159 4.5" XH 12

LAST CASING TUBING OR LINER 177.8 166 25.3 IPSCO H-40 9 126.98 4.25 126

SPUD DATE 2008/03/05 TIME 22:00

RIG RELEASE TIME

WELL TYPE VERT. RE-ENTRY NO

OPERATOR'S AFE US-28423

KELLY BSHG 4.25 OP FUEL

CONTRACTOR'S JOB NUM 457

TOUR SHEET SERIAL NUM AKTA14_20080229_1E

VENDOR SOFTWARE VERSION EDR 3-2-8 HF1 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO. HUSKY et al Keele River L-52 YEAR 2008 MONTH 2 DAY 29

OPERATOR HUSKY OIL OPERATIONS LIMITED CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER MIC HALLOCK RIG NO. 14

PROVINCE N.W.T. CAMP YES X NO RIG SAFETY DAYS 65

MORNING TOUR FROM 0 TO 800 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DERRICK HAND JEFF VANWALLEGHEM 8.00 JV

FLOOR HAND MIKE STRANG 8.00 MS

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS

65

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

CREWCAB DRIVER JASON E. UNRAU 12.00 JU

DRILLER J.D. HINKLEY 12.00 JH

MOTOR HAND LAMONT LESLIE 12.00 LL

CREWCAB DRIVER BRIAN FAULDS 12.00 BF

DRILLER JOSH SLEDZ 8.00 JS

DERRICK HAND JAKE HINKLEY 8.00 JH

MOTOR HAND ADAM MATTIES 8.00 AM

FLOOR HAND TROY LAMBERT 8.00 TL

FLOOR HAND JASON MCINTOSH 8.00 JM

W.S.S.C. TONY OGILVIE 8.00 TO

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS

BRIAN FAULDS

65

EVENING TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DERRICK HAND JEFF VANWALLEGHEM 4.00 JV

FLOOR HAND MIKE STRANG 4.00 MS

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS

65

