

WELL NAME & NO. APACHE PARAMOUNT LAC MAUNOIR E-35

OPERATOR APACHE CANADA LTD SURFACE LOCATION 68 16 03 00 N 125 11 28 00 E SIGNATURE OF OPERATOR'S REPRESENTATIVE ARNIE MERCHANT

CONTRACTOR NAME AKITA DRILLING LTD UNIQUE ID SIGNATURE OF CONTRACTOR'S RIG MANAGER RICK PARKER

DATE 2005 MONTH 2 DAY 23

TIME 12:00

WELL TYPE VERT

OPERATOR'S AGE 2

KELLY BSHG

CONTRACTOR'S JOB NUM 2

TOUR SHEET SERIAL NUM AKTA51_20050223_18

VENDOR SOFTWARE VERSION EDR 3-1.1 HF4 ETS 2.2

CAODC

PASON DATAHUB

DRILLING CREW PAYROLL DATA

WELL NAME & NO. YEAR MONTH DAY

OPERATOR CONTRACTOR NAME

RIG MANAGER RIG NO

PROVINCE CAMP YES NO RIG SAFETY DAYS

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

WELL NAME & NO. YEAR MONTH DAY

OPERATOR CONTRACTOR NAME

RIG MANAGER RIG NO

PROVINCE CAMP YES NO RIG SAFETY DAYS

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS

DAY TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

WELL NAME & NO

APACHE PARAMOUNT LAC MAUNOIR E-35

OPERATOR

APACHE CANADA LTD

SURFACE LOCATION

68 16 03 00 N 125 11 28 00 E

SIGNATURE OF OPERATOR'S REPRESENTATIVE

ARNIE MERCHANT

CONTRACTOR NAME

AKITA DRILLING LTD

UNIQUE ID

LINQ001D

SIGNATURE OF CONTRACTOR'S RIG MANAGER

RICK PARKER

DAILY CHECKS

(1) Daily Wash Around Inspection
(2) Detailed Inspection - Visually (Using Check List)
(3) HSE Signs Posted if Required
(4) Well Location & Back Diagrams Posted
(5) Flow Lines Stated
(6) BOP Data Purchased
(7) Visually inspect SCOPe-Flow Lines & Dragger Lines
(8) Rig Site Health & Safety Meeting (if applicable/monthly)
(9) CAODC Rig Safety Inspection Checklist (if applicable/monthly)
(10) Well Inspection before Starting or Leaving
(11) Crown Block Checked
(12) Motor Vibe Checked

LOG SHEET

YEAR MONTH DAY
2005 2 24

RIG NO. 51

FUEL 244 5

MASS 224 6

IPSCO 59 53

MAKE L-80

NO. OF JOINTS 29

TOTAL LENGTH 411 8

KB TO CSD HEAD 411

SPUD DATE 2005/02/25

TIME 12:00

RIG RELEASE

WELL TYPE VERT

RE-ENTRY

OPERATORS AFE 2

KELLY BSHG

GP FUEL

CONTRACTORS JOB NUM 2

TOUR SHEET SERIAL NUM AKTA51_20050224_1B

VENDOR SOFTWARE VERSION EDR 3-1 1 HF4 ETS 2.2

PASON DATAHUB

DRILLING CREW PAYROLL DATA

WELL NAME & NO

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO

PROVINCE

CAMP YES NO

RIG SAFETY DAYS

MORNING TOUR FROM 0 TO 800

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

DAY TOUR FROM 800 TO 1600

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

EVENING TOUR FROM 1600 TO 2400

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

[illegible]

Well Name: APACHE PARAMOUNT LAC MAUNOIR E-36. Operator: APACHE CANADA LTD. Contractor: AKITA DRILLING LTD. Location: 67 14 06 00 N 125 15 08 00 E. Date: 2005/02/25. Time: 12:00. The form includes sections for daily checks, mud record, bit record, and crew safety data.

[illegible]

LICENCE NO
1075

WELL NAME & NO
APACHE PARAMOUNT LAC MAUNOIR E-35

OPERATOR
APACHE CANADA LTD

CONTRACTOR NAME
AKITA DRILLING LTD

SURFACE LOCATION
67 14 06 00 N 125 16 08 00 E

UNIQUE ID
300E356720125000

SIGNATURE OF OPERATORS REPRESENTATIVE
ARNIE MERCHANT

SIGNATURE OF CONTRACTOR'S RIG MANAGER
RICK PARKER

DAILY CHECKS
(1) Daily Walk Around Inspection
(2) Detailed Inspection - Weekly (Using Check List)
(3) Visual Rig Inspection - Periodic
(4) Visual Leaks & Block Diagrams
(5) Flow Lines Status
(6) BOP Status
(7) Visually Inspect BOP- Rams Lines & Dragger Lines
(8) Check Safety Meeting (Announcement)
(9) Check Rig Safety Inspection Checklist (Announcement)
(10) Check Inspection before Raising or Lowering
(11) Check Safety Check

YEAR 2005 MONTH 2 DAY 28
RIG NO 151
FUEL 22000 LBS
TEMPERATURE 30
CURRENT CONDITION
WIND DIRECTION SE
SEA CONDITION 1
ICE

Q.D. (mm) 315.3
M.M.D. (mm) 101.2
MASS (kg/m3)
MAKE IPSCO
GRADE L-8K-55
NO. OF JOINTS 4
TOTAL LENGTH 60
HS TO CSD HEAD 4.32
SET AT (m) 65.2

Q.D. (mm) 57
M.M.D. (mm) 158
MASS (kg/m3)
MAKE NATIONAL
GRADE 80
NO. OF JOINTS 20
TOTAL LENGTH 218
HS TO CSD HEAD 4.32
SET AT (m) 65.2

SPUD DATE 2005/02/25
TIME 12:00
RIG RELEASE
WELL TYPE VERT
RE-ENTRY
OPERATORS AFE 2
KELLY BSHD 5.20
CP FUEL
CONTRACTOR'S JOB NUM 2
TOUR SHEET SERIAL NUM AKTAS1_20050228_18
VENDOR SOFTWARE VERSION EDR 3-1-1 HF4 ETS 2.2

DRILLING CREW PAYROLL DATA
WELL NAME & NO
YEAR MONTH DAY
OPERATOR
CONTRACTOR NAME
RIG MANAGER
RIG NO
PROVINCE
CAMP YES NO
RIG SAFETY DAYS
MORNING TOUR FROM 0 TO 800 INJURIES
CREW SOC INS NO NAME HRS YES NO
RATE SCHEDULE REGULAR REPAIR INVERT
CREW SAFETY DAYS DRIVERS
DAY TOUR FROM 800 TO 1600 INJURIES
CREW SOC INS NO NAME HRS YES NO
RATE SCHEDULE REGULAR REPAIR INVERT
CREW SAFETY DAYS DRIVERS
EVENING TOUR FROM 1600 TO 2400 INJURIES
CREW SOC INS NO NAME HRS YES NO
RATE SCHEDULE REGULAR REPAIR INVERT
CREW SAFETY DAYS DRIVERS

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 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

GROUP & TEAMDOWN
MORNING
DAY
EVE
TOTAL

BIT RECORD
BIT NO. 2
MUD TYPE
WATER BASED
OIL BASED
MUD MATERIALS ADDED
SOLIDS CONTROL
CENTRIFUGE
BOILERS
CUTTING STRUCTURE
HOLE CONDITION
HOLE DRAG
TORQUE AT BOTTOM
FILL ON BOTTOM (m)

MORNING TOUR
MUD RECORD
METRES DRILLED
TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
PICK UP HW DP
DEVIATION SURVEY
DRILL ACTUAL F 162 - 175

DAY TOUR
MUD RECORD
METRES DRILLED
TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
DRILL ACTUAL F175-183
B O P DRILL WITH CREW
RIG SERVICE FUNCTION ANNULAR DIVERTER
DRILL ACTUAL F183-182
DEVIATION SURVEY
DRILL ACTUAL F182-185

EVENING TOUR
MUD RECORD
METRES DRILLED
TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
DRILL ACTUAL F195- 214
DEVIATION SURVEY
BUILD VOLUME
DRILL ACTUAL F214-224

[illegible]

LICENCE NO
1075

WELL NAME & ID
APACHE PARAMOUNT LAC MAUNOIR E-35

OPERATOR
APACHE CANADA LTD

SURFACE LOCATION
67 14 08 00 N 125 15 08 00 E

SIGNATURE OF OPERATOR'S REPRESENTATIVE
ARNIE MERCHANT

CONTRACTOR NAME
AKITA DRILLING LTD

UNIQUE ID
300E36720126000

SIGNATURE OF CONTRACTOR'S RIG MANAGER
RICK PARKER

DAILY CHECKS
(1) Daily Well Around Inspection
(2) Drilled Inspection - Weekly (Using Check List)
(3) H2S Signs Posted if Required
(4) Well Location & Block Diagram Posted
(5) Flare Line Status
(6) BOP Data Performance
(7) Visual Inspect BOPs - Flare Lines & Driveline Lines
(8) Rig Size Health & Safety Meeting (unannounced)
(9) CAODC Rig Safety Inspection Checklist (unannounced)
(10) Mast Inspection before Raising or Lowering
(11) Crown Gear Checked
(12) Motor Kolls Checked

YEAR 2005 MONTH 3 DAY 3

LAST CASING TIGHTENED
339.7 315.3 101.2
244.5 224 59.53
IPSCO L-80 33 452.61 452

TEMPERATURE
CURRENT CONDITIONS
WIND DIRECTION
SEA CONDITION
ICE

DD (m) 339.7
MHLD (m) 315.3
MASS (kg/m) 101.2
CP UNER

DD (m) 244.5
MHLD (m) 224
MASS (kg/m) 59.53
CP UNER

DD (m) 101.2
MHLD (m) 59.53
MASS (kg/m) 101.2
CP UNER

DD (m) 339.7
MHLD (m) 315.3
MASS (kg/m) 101.2
CP UNER

GRADE L-80-55 4 60 4 32 65.2

NO. OF JOINTS 33

TOTAL LENGTH 452.61

RIG TO CSD HEAD 4 32 65.2

SET AT (m) 452

SPUD DATE 2005/02/25

TIME 12:00

RIG RELEASE TIME

WELL TYPE VERT

RE-ENTRY

OPERATOR'S AGE 2

KELLY BIND 5.20

CP FUEL

CONTRACTOR'S JOB NUM 2

TOUR INSET SERIAL NUM AKTA51_20050303_1B

VENDOR SOFTWARE VERSION EDR 3-1.1 HF4 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 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

RIGUP & TEARDOWN
7.5

DRILL ACTUAL
1.0

REAMING
1.0

CORING
1.0

COND MUD & CIRC
5.5

TRIP
0.25

RIG SERVICE
0.25

REPAIR RIG
0.25

CUT OFF DRILL LINE
0.25

DEV SURVEY
0.25

WIRELINE LOGS
0.25

RUN CASING & CEMENT
7.25

WAIT ON CEMENT
7.25

HURRY UP B.O.P.
0.5

TEST B.O.P.
0.5

DRILLSTEM TEST
0.5

PLUG BACK
0.5

SOULDEZE CEMENT
0.5

FEEDING
0.5

DR. WORK
0.5

SAFETY MEETING
0.5

TOTAL
8.50

BIT
O.D. 30

BIT NO. 2

SIZE 311

MOUD CODE

MANUFACTURER Hughes

TYPE GT-S28

SERIAL NO. 6018949

DEPTH OUT (m) 440

DEPTH IN (m) 162

TOTAL DRILLED (m) 278.00

TOTAL HRS RUN 87.25

CLIPPING STRUCTURE

HOLE CONDITION

HOLE DRAG 1-2

TORQUE AT BOTTOM 1400

FILL ON BOTTOM (m)

MUD RECORD

MUD TYPE

WATER BASED

OIL BASED

FROM 405 TO 440 D-R-C 70 12

TIME

DENSITY (g/cm3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (g/cm3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

HRS RUN 8

HRS RUN 8

BOILER PH 10.5

BOILER PH 10.5

STACK TEMP 195

STACK TEMP 200

DRILLER SIGNATURE

BRUCE PRESTON

TIME / DEPTH

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DRILL ACTUAL F405-418

RIG SERVICE FUNCTION ANNULAR DIVERTER 12 SEC

DEVIATION SURVEY

DRILL ACTUAL F418-440

METRES DRILLED

FROM 405 TO 440 D-R-C 70 12

TIME LOG

FROM 405 TO 440 D-R-C 70 12

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DRILL ACTUAL F405-418

RIG SERVICE FUNCTION ANNULAR DIVERTER 12 SEC

DEVIATION SURVEY

DRILL ACTUAL F418-440

TIME LOG

FROM 405 TO 440 D-R-C 70 12

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DRILL ACTUAL F405-418

RIG SERVICE FUNCTION ANNULAR DIVERTER 12 SEC

DEVIATION SURVEY

DRILL ACTUAL F418-440

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 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

RIGUP & TEARDOWN
7.5

DRILL ACTUAL
1.0

REAMING
1.0

CORING
1.0

COND MUD & CIRC
5.5

TRIP
0.25

RIG SERVICE
0.25

REPAIR RIG
0.25

CUT OFF DRILL LINE
0.25

DEV SURVEY
0.25

WIRELINE LOGS
0.25

RUN CASING & CEMENT
7.25

WAIT ON CEMENT
7.25

HURRY UP B.O.P.
0.5

TEST B.O.P.
0.5

DRILLSTEM TEST
0.5

PLUG BACK
0.5

SOULDEZE CEMENT
0.5

FEEDING
0.5

DR. WORK
0.5

SAFETY MEETING
0.5

TOTAL
8.50

BIT
O.D. 30

BIT NO. 2

SIZE 311

MOUD CODE

MANUFACTURER Hughes

TYPE GT-S28

SERIAL NO. 6018949

DEPTH OUT (m) 440

DEPTH IN (m) 162

TOTAL DRILLED (m) 278.00

TOTAL HRS RUN 87.25

CLIPPING STRUCTURE

HOLE CONDITION

HOLE DRAG 1-2

TORQUE AT BOTTOM 1400

FILL ON BOTTOM (m)

MUD RECORD

MUD TYPE

WATER BASED

OIL BASED

FROM 440 TO 452 D-R-C 70 12

TIME

DENSITY (g/cm3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (g/cm3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

HRS RUN 8

HRS RUN 8

BOILER PH 10.5

BOILER PH 10.5

STACK TEMP 195

STACK TEMP 200

DRILLER SIGNATURE

BRUCE PRESTON

TIME / DEPTH

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DRILL ACTUAL 440-452

RIG SERVICE FUNCTION DIVERTER CLOSED 14 SECS

CONDITION MUD & CIRC

WIPER TRIP STRAP OUT 11 M FILL ON BOTTOM SOFT

STRAP 443.26 M BOARD OUT 443.10 M 16 M DIFF

CONDITION MUD & CIRC

DEVIATION SURVEY @ 443 M

POOH LAYDOWN 9 INC

METRES DRILLED

FROM 440 TO 452 D-R-C 70 12

TIME LOG

FROM 440 TO 452 D-R-C 70 12

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DRILL ACTUAL 440-452

RIG SERVICE FUNCTION DIVERTER CLOSED 14 SECS

CONDITION MUD & CIRC

WIPER TRIP STRAP OUT 11 M FILL ON BOTTOM SOFT

STRAP 443.26 M BOARD OUT 443.10 M 16 M DIFF

CONDITION MUD & CIRC

DEVIATION SURVEY @ 443 M

POOH LAYDOWN 9 INC

TIME LOG

FROM 440 TO 452 D-R-C 70 12

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DRILL ACTUAL 440-452

RIG SERVICE FUNCTION DIVERTER CLOSED 14 SECS

CONDITION MUD & CIRC

WIPER TRIP STRAP OUT 11 M FILL ON BOTTOM SOFT

STRAP 443.26 M BOARD OUT 443.10 M 16 M DIFF

CONDITION MUD & CIRC

DEVIATION SURVEY @ 443 M

POOH LAYDOWN 9 INC

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 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

RIGUP & TEARDOWN
7.5

DRILL ACTUAL
1.0

REAMING
1.0

CORING
1.0

COND MUD & CIRC
5.5

TRIP
0.25

RIG SERVICE
0.25

REPAIR RIG
0.25

CUT OFF DRILL LINE
0.25

DEV SURVEY
0.25

WIRELINE LOGS
0.25

RUN CASING & CEMENT
7.25

WAIT ON CEMENT
7.25

HURRY UP B.O.P.
0.5

TEST B.O.P.
0.5

DRILLSTEM TEST
0.5

PLUG BACK
0.5

SOULDEZE CEMENT
0.5

FEEDING
0.5

DR. WORK
0.5

SAFETY MEETING
0.5

TOTAL
8.50

BIT
O.D. 30

BIT NO. 2

SIZE 311

MOUD CODE

MANUFACTURER Hughes

TYPE GT-S28

SERIAL NO. 6018949

DEPTH OUT (m) 452

DEPTH IN (m) 162

TOTAL DRILLED (m) 290.00

TOTAL HRS RUN 88.25

CLIPPING STRUCTURE

HOLE CONDITION

HOLE DRAG 2-4 UP + DOWN

TORQUE AT BOTTOM 1200

FILL ON BOTTOM (m)

MUD RECORD

MUD TYPE

WATER BASED

OIL BASED

FROM 443 TO 452 D-R-C 70 12

TIME

DENSITY (g/cm3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (g/cm3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

HRS RUN 8

HRS RUN 8

BOILER PH 12

BOILER PH 12

STACK TEMP 360

STACK TEMP 500

DRILLER SIGNATURE

DELBERT STADE

TIME / DEPTH

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

SAFETY MEETING W/TONG-HAND

RIG TO RUN CASING / RUN CASING

CIRCULATE

SAFETY MEETING ON CEMENTING

RIG TO & cement

RAN 33 JOINTS 244 5mm, 59 53 KG L-80 CSG TOTAL 452.61m, LAND @ 452m

METRES DRILLED

FROM 443 TO 452 D-R-C 70 12

TIME LOG

FROM 443 TO 452 D-R-C 70 12

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

SAFETY MEETING W/TONG-HAND

RIG TO RUN CASING / RUN CASING

CIRCULATE

SAFETY MEETING ON CEMENTING

RIG TO & cement

RAN 33 JOINTS 244 5mm, 59 53 KG L-80 CSG TOTAL 452.61m, LAND @ 452m

TIME LOG

FROM 443 TO 452 D-R-C 70 12

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

SAFETY MEETING W/TONG-HAND

RIG TO RUN CASING / RUN CASING

CIRCULATE

SAFETY MEETING ON CEMENTING

RIG TO & cement

RAN 33 JOINTS 244 5mm, 59 53 KG L-80 CSG TOTAL 452.61m, LAND @ 452m

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 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

RIGUP & TEARDOWN
7.5

DRILL ACTUAL
1.0

REAMING
1.0

CORING
1.0

COND MUD & CIRC
5.5

TRIP
0.25

RIG SERVICE
0.25

REPAIR RIG
0.25

CUT OFF DRILL LINE
0.25

DEV SURVEY
0.25

WIRELINE LOGS
0.25

RUN CASING & CEMENT
7.25

WAIT ON CEMENT
7.25

HURRY UP B.O.P.
0.5

TEST B.O.P.
0.5

DRILLSTEM TEST
0.5

PLUG BACK
0.5

SOULDEZE CEMENT
0.5

FEEDING
0.5

DR. WORK
0.5

SAFETY MEETING
0.5

TOTAL
8.50

BIT
O.D. 30

BIT NO. 2

SIZE 311

MOUD CODE

MANUFACTURER Hughes

TYPE GT-S28

SERIAL NO. 6018949

DEPTH OUT (m) 452

DEPTH IN (m) 162

TOTAL DRILLED (m) 290.00

TOTAL HRS RUN 88.25

CLIPPING STRUCTURE

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (m)

MUD RECORD

MUD TYPE

WATER BASED

OIL BASED

FROM 452 TO 220 D-R-C 70 12

TIME

DENSITY (g/cm3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (g/cm3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

HRS RUN 8

HRS RUN 8

BOILER PH 10.5

BOILER PH 10.5

STACK TEMP 195

STACK TEMP 220

DRILLER SIGNATURE

BRUCE PRESTON

TIME / DEPTH

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

REVIEW JSA RUN CASING RIG TO & CIRC CEMENT

BLEWDOWN BOILERS 4X-80 LT EACH

CEMENTING

METRES DRILLED

FROM 452 TO 220 D-R-C 70 12

TIME LOG

FROM 452 TO 220 D-R-C 70 12

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

REVIEW JSA RUN CASING RIG TO & CIRC CEMENT

BLEWDOWN BOILERS 4X-80 LT EACH

CEMENTING

TIME LOG

FROM 452 TO 220 D-R-C 70 12

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

REVIEW JSA RUN CASING RIG TO & CIRC CEMENT

BLEWDOWN BOILERS 4X-80 LT EACH

CEMENTING

WELL NAME & NO

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

DAY TOUR

FROM 800

TO 1600

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

EVENING TOUR

FROM 1600

TO 2400

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

[illegible]

[illegible]

[illegible]

[illegible]

Form containing various sections: APACHE CANADA LTD, AKITA DRILLING LTD, 300E366720125000, RICK PARKER, ARNIE MERCHANT, and multiple tables for drilling logs, mud records, and time logs.

1075 APACHE PARAMOUNT LAC MAUNOIR E-35

APACHE CANADA LTD AKITA DRILLING LTD

67 14 06 00 N 125 16 08 00 E 300E366720125000

ARNIE MERCHANT RICK PARKER

SPUD DATE 2005/02/25 TIME 12:00

RIG RELEASE 2005/03/11 TIME 12:00

WELL TYPE VERT RIG-ENTRY

OPERATOR'S AGE 2

KELLY BSGH 5.20

CONTRACTOR'S JOB NUM 2

TOUR SHEET SERIAL NUM AKTA51_20050311_18

VEHICULAR SOFTWARE VERSION EDR 3-1-1 HF4 ETS 2.2

PASON DATAHUB

DRILLING CREW PAYROLL DATA

MORNING TOUR FROM 0 TO 800

DAY TOUR FROM 800 TO 1600

EVENING TOUR FROM 1600 TO 2400

CREW SOC INS. NO. NAME HRS YES NO

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS