

[illegible]

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

ONLY CHECKS (1) Daily Well Around Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) H2S Sign Posted & Required (4) Well Licence & Stick Diagram Posted (5) Flare Line Status (6) BOP Data Performance (7) Visually Inspect BOPs: Flare Lines & Choke Lines (8) Rig Site Health & Safety Meeting (on-site/remote) (9) CAODC Rig Safety Inspection Checklist (on-site/remote) (10) Visual Inspection before Raising or Lowering (11) Crown Saver Checked (12) Motor Kite Checked

YEAR 2005 MONTH 10 DAY 17

RIG NO. 58

LAST CASING TUBING OR UNDER 177.8

TEMPERATURE 3

CURRENT CONDITIONS Clear

WIND DIRECTION

ROAD CONDITION Good

OD (mm) 177.8

MIN ID (mm)

MASS (kg/m3)

MAKE

GRADE

NO. OF JOINTS

TOTAL LENGTH

KG TO CSG HEAD

SET AT (m)

SPUD DATE: 2005/08/12

TIME: 00:15

WELL TYPE: DIR

MEASUREMENT: YES

OPERATOR'S API: 6.8

OF FUEL: 6.8

CONTRACTOR'S JOB NAME: 05-21883

YOUR SHEET SERIAL NUM: AKTASB_20051017_1C

VEHICLE SOFTWARE VERSION: EDR 3-1-4 HF2 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

YEAR 2005 MONTH 10 DAY 17

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER GARY PATRICK

RIG NO. 58

PROVINCE N.W.T.

CAMP X YES NO

RIG SAFETY DAYS 2755

RATE SCHEDULE X REGULAR REPAIR INVERT

DRIVERS KEVIN VANDENBRAND

CREW SAFETY DAYS 2755

DRIVERS SHAWN WATSON

DAY TOUR FROM 800 TO 1600

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH 12 AL

ASSIST DRILLER KEVIN LAUCK 12 KL

DERRICK HAND VIRGIL NANAQUAWETUNG 12 VN

MOTOR HAND DERWIN KOTCHEA 12 DK

FLOOR HAND MOISE PUNCH 12 MP

FLOOR HAND SEAN WOLOSCH 12 SW

LEASE HAND BRIAN JULIAN 12 BJ

RATE SCHEDULE X REGULAR REPAIR INVERT

DRIVERS KEVIN VANDENBRAND

CREW SAFETY DAYS 2755

DRIVERS SHAWN WATSON

EVENING TOUR FROM 1600 TO 2400

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND 4 KV

DERRICK HAND SHAWN WATSON 4 SW

MOTOR HAND GREG ST. ARNAUD 4 GS

FLOOR HAND JUSTIN MILLER 4 JM

FLOOR HAND DAVID FRANKLIN 4 DF

LEASE HAND COREY COLBOURNE 4 CC

RATE SCHEDULE X REGULAR REPAIR INVERT

DRIVERS KEVIN VANDENBRAND

CREW SAFETY DAYS 2755

DRIVERS SHAWN WATSON

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION SURFACE LOCATION

SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

YEAR 2005 MONTH 10 DAY 16

RIG NO. 58

LAST CASING TUBING OR LINER

TEMPERATURE

WIND DIRECTION

ROAD CONDITION

SHALE SHALPLI

RENTALS / SERVICES

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER GARY PATRICK

PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 2754

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS KEVIN VANDENBRAND

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH 12 AL

ASSIST DRILLER KEVIN LAUCK 12 KL

DERRICK HAND VIRGIL NANAQUAWETUNG 12 VN

MOTOR HAND DERWIN KOTCHEA 12 DK

FLOOR HAND MOISE PUNCH 12 MP

FLOOR HAND SEAN WOLOSCH 12 SW

LEASE HAND BRIAN JULIAN 12 BJ

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS KEVIN VANDENBRAND

EVENING TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND 4 KV

DERRICK HAND SHAWN WATSON 4 SW

MOTOR HAND GREG ST. ARNAUD 4 GS

FLOOR HAND JUSTIN MILLER 4 JM

FLOOR HAND DAVID FRANKLIN 4 DF

LEASE HAND COREY COLBOURNE 4 CC

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS KEVIN VANDENBRAND

SHAWN WATSON

Form containing well logs, rig data, and crew information. Includes sections for: WELL NAME & NO., OPERATOR, CONTRACTOR NAME, DAILY CHECKS, RIG DATA, LOG DATA, and CREW ROSTER.

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LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

YEAR 2005 MONTH 10 DAY 14

RIG NO. 58

TEMPERATURE

WIND DIRECTION

ROAD CONDITION

SHAPE SHARPER

RENTALS / SERVICES

DRILLING CREW PAYROLL DATA

MORNING TOUR

DAY TOUR

EVENING TOUR

CREW SAFETY DAYS

RATE SCHEDULE

LICENCE NO. 1125		WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A		DAILY CHECKS (1.) Daily Well Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) HSE Signs Posted if Required (4.) Well License & Stick Diagram Posted (5.) Flow Lines Inspected (6.) BOP Data Performed (7.) Visually Inspect BOPs - Fire Lines & Degasser Lines (8.) Rig Site Health & Safety Meeting (once a month) (9.) CAODC Rig Safety Inspection Checklist (once a month) (10.) Visual Inspection before Raising or Lowering (11.) Crown Saver Checked (12.) Motor Kolls Checked										YEAR 2005 MONTH 10 DAY 14		LAST CASING TUBING OR LINER		O.D. (mm)		I.V.D. (mm)		MASS (kg/m3)		MAKE		GRADE		NO. OF JOINTS		TOTAL LENGTH		KIS TO CSG HEAD		SET AT (m)		SPUR DATE 2005/08/12		TIME 00:15																											
OPERATOR PARAMOUNT RESOURCES LTD.		CONTRACTOR NAME AKITA DRILLING LTD.		RIG NO. 126		FUEL @ 00:00 HRS		TEMPERATURE		PRESSURE		GRADE		MINIMUM I.D.		T. INT. O.D.		TYPE THREAD		NO. OF JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKES LENGTH		CONTRACTOR'S ADDRESS AKITA DRILLING LTD. AKTASB_20051014_1B		DATE 05-21883																																			
SURFACE LOCATION		UNIQUE ID		RIG 126		FUEL 27.00 HRS		TEMPERATURE		PRESSURE		GRADE		MINIMUM I.D.		T. INT. O.D.		TYPE THREAD		NO. OF JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKES LENGTH		CONTRACTOR'S ADDRESS AKITA DRILLING LTD. AKTASB_20051014_1B		DATE 05-21883																																			
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		RIG 126		FUEL 27.00 HRS		TEMPERATURE		PRESSURE		GRADE		MINIMUM I.D.		T. INT. O.D.		TYPE THREAD		NO. OF JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKES LENGTH		CONTRACTOR'S ADDRESS AKITA DRILLING LTD. AKTASB_20051014_1B		DATE 05-21883																																			
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NO.																																																																	

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

SURFACE LOCATION: UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE: SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS: (1) Daily Well Account Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) 1/2" Stand Pipe & Support (4) Well Licence & Stick Diagram Posted (5) Flow Lines Status (6) 1/2" Stand Pipe Performed (7) Visually Inspect BOP - Flow Lines & Degasser Lines (8) Rig Site Health & Safety Meeting (Last 24 hours) (9) CADC Rig Safety Inspection Checklist (Last 24 hours) (10) Visual Inspection before Raising or Lowering (11) Crown Saver Checked (12) Motor Safe Checked

YEAR 2005 MONTH 10 DAY 13

RIG NO. 58

TEMPERATURE: 127.00 C

WIND DIRECTION: SW

ROAD CONDITION: MUDDY

CHALLENGE SHARPS(S):

DRILLING CREW PAYROLL DATA: YEAR 2005 MONTH 10 DAY 13

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

RIG MANAGER: GARY PATRICK (RM) RIG NO. 58

PROVINCE: N.W.T. CAMP: X YES NO RIG SAFETY DAYS: 2751

RATE SCHEDULE: X REGULAR REPAIR INVERT

CREW SAFETY DAYS: KEVIN VANDENBRAND SHAWN WATSON

DAY TOUR: FROM 800 TO 1600

CREW: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, DAVID FRANKLIN, COREY COLBOURNE

DRILLER: KEVIN VANDENBRAND

DERRICK HAND: SHAWN WATSON

MOTOR HAND: GREG ST. ARNAUD

FLOOR HAND: JUSTIN MILLER

FLOOR HAND: DAVID FRANKLIN

LEASE HAND: COREY COLBOURNE

DRILLING ASSEMBLY (AT END OF TOUR): BIT NO. 124.51, SIZE 156, MDC CODE 5 3 7, MANUFACTURER SMITH, TYPE XR30-T5, SERIAL NO. PC2628, JETS 0 0, DEPTH OUT (m) 3620, DEPTH IN (m) 3569, TOTAL DRILLED (m) 51.00, TOTAL HRS RUN 10.0

DAY TOUR: FROM 800 TO 1600

CREW: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, DAVID FRANKLIN, COREY COLBOURNE

DRILLER: KEVIN VANDENBRAND

DERRICK HAND: SHAWN WATSON

MOTOR HAND: GREG ST. ARNAUD

FLOOR HAND: JUSTIN MILLER

FLOOR HAND: DAVID FRANKLIN

LEASE HAND: COREY COLBOURNE

DRILLING ASSEMBLY (AT END OF TOUR): BIT NO. 124.51, SIZE 156, MDC CODE 5 3 7, MANUFACTURER SMITH, TYPE XR30-T5, SERIAL NO. PC2628, JETS 0 0, DEPTH OUT (m) 3620, DEPTH IN (m) 3569, TOTAL DRILLED (m) 51.00, TOTAL HRS RUN 10.0

DAY TOUR: FROM 800 TO 1600

CREW: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, DAVID FRANKLIN, COREY COLBOURNE

DRILLER: KEVIN VANDENBRAND

DERRICK HAND: SHAWN WATSON

MOTOR HAND: GREG ST. ARNAUD

FLOOR HAND: JUSTIN MILLER

FLOOR HAND: DAVID FRANKLIN

LEASE HAND: COREY COLBOURNE

DRILLING ASSEMBLY (AT END OF TOUR): BIT NO. 124.51, SIZE 156, MDC CODE 5 3 7, MANUFACTURER SMITH, TYPE XR30-T5, SERIAL NO. PC2628, JETS 0 0, DEPTH OUT (m) 3620, DEPTH IN (m) 3569, TOTAL DRILLED (m) 51.00, TOTAL HRS RUN 10.0

DAY TOUR: FROM 800 TO 1600

CREW: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, DAVID FRANKLIN, COREY COLBOURNE

DRILLER: KEVIN VANDENBRAND

DERRICK HAND: SHAWN WATSON

MOTOR HAND: GREG ST. ARNAUD

FLOOR HAND: JUSTIN MILLER

FLOOR HAND: DAVID FRANKLIN

LEASE HAND: COREY COLBOURNE

[illegible]

Well Name: PARAMOUNT ET AL LIARD K-29A
Operator: PARAMOUNT RESOURCES LTD.
Contractor Name: AKITA DRILLING LTD.
Drilling Date: 2005/08/12
Time: 00:15
Rig No: 164
Rig Type: DIR
Rig Status: YES
Rig Operator: GARY PATRICK (RM)
Rig No: 88
Rig Safety Days: 2750
Rate Schedule: X REGULAR
Repair:
Invert:
Crew Safety Days: 2750
Drivers: KEVIN VANDENBRAND, SHAWN WATSON
Crew: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, DAVID FRANKLIN, COREY COLBOURNE
Crew Safety Days: 2750
Drivers: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, DAVID FRANKLIN, COREY COLBOURNE
Crew: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, DAVID FRANKLIN, COREY COLBOURNE
Crew Safety Days: 2750
Drivers: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, DAVID FRANKLIN, COREY COLBOURNE

License No. 1125 Well Name & No. PARAMOUNT ET AL LIARD K-29A

Operator: PARAMOUNT RESOURCES LTD. Contractor Name: AKITA DRILLING LTD.

Surface Location: UNIQUE ID

Signature of Operator's Representative: Signature of Contractor's Rig Manager:

DAILY CHECKS: (1) Daily Walk Around Inspection (2) Drilling Inspection - Weekly (Using Check List) (3) HSE Sign Posted & Inspected (4) Well Licence & Stick Diagram Posted (5) Flow Lines Started (6) BOP Drills Performed (7) Visually Inspect BOPs - Flow Lines & Degasser Lines (8) CADC Rig Safety Inspection Checklist (once/month) (9) Lower Inspection before Raising or Lowering (10) Crown Saver Checked (11) Motor Risk Checked

YEAR 2005 MONTH 10 DAY 12

RIG NO. 58

FUEL @ 00 HRS

TEMPERATURE

WIND DIRECTION

ROAD CONDITION

LAST CASING TUBING OR LINER

Q.D. (mm)

M.V.D. (mm)

MASS (kg/m3)

GRADE

NO. OF JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

SPUD DATE: 2005/08/12 TIME: 00:15

REG. NO. DIR.

RE-ENTRY: YES

OPERATOR'S A/E

REPLY 8942 6.8

OP FUEL

CONTRACTOR'S JOB NO. 05-21883

AKTAS8 20051012 1B

VENDOR SOFTWARE/VERSION EDR 3-14 HP2 ETS 2.2

PASON

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A YEAR 2005 MONTH 10 DAY 12

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

RIG MANAGER: GARY PATRICK (RM) RIG NO. 58

PROVIDE: N.W.T. CAMP X YES NO RIG SAFETY DAYS 2750

MORNING TOUR FROM 0 TO 800 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND 8 KV

DERRICK HAND SHAWN WATSON 8 SW

MOTOR HAND GREG ST ARNAUD 8 GS

FLOOR HAND JUSTIN MILLER 8 JM

FLOOR HAND DAVID FRANKLIN 8 DF

LEASE HAND COREY COLBOURNE 8 CC

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS BRIAN WYATT DOUG CHRISTIE

2750

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND

DERRICK HAND SHAWN WATSON

MOTOR HAND GREG ST ARNAUD

FLOOR HAND JUSTIN MILLER

FLOOR HAND DAVID FRANKLIN

LEASE HAND COREY COLBOURNE

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS

2750

EVENING TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH

ASSIST DRILLER KEVIN LAUCK

DERRICK HAND VIRGIL NANAQUAWETUNG

FLOOR HAND MOISE PUNCH

FLOOR HAND SEAN WOLOSCH

LEASE HAND BRIAN JULIAN

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS

2750

Well Name & No. PARAMOUNT ET AL LIARD K-29A

Operator PARAMOUNT RESOURCES LTD. Contractor Name AKITA DRILLING LTD.

Drilling Crew Payroll Data

Drilling Assembly (at end of tour) BIT RECORD MORNING TOUR MUD RECORD METRES DRILLED TIME LOG

Drilling Assembly (at end of tour) BIT RECORD DAY TOUR MUD RECORD METRES DRILLED TIME LOG

Drilling Assembly (at end of tour) BIT RECORD EVENING TOUR MUD RECORD METRES DRILLED TIME LOG

[illegible]

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

YEAR 2005 MONTH 10 DAY 10

RIG NO 131

LAST CASING TUBING OR LINER

Q.D. (mm) M.W.D. (mm) MASS (kg/m3) MAKE GRADE NO. OF JOINTS TOTAL LENGTH NO. TO CSG HEAD SET AT (m)

SPUD DATE 2005/08/12 TIME 00:15

RIG RELEASE TIME 00:15

WELL TYPE DIR. RE-ENTRY YES

OPERATOR'S AFE

REELY BOND 6.8 OFF FUEL

CONTRACTOR'S JOB NO. 05-21883

DATE OF RIG RELEASE 2005/10/10

VENDOR SOFTWARE VERSION EDR 3-1-4, HFZ ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A YEAR 2005 MONTH 10 DAY 10

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER RIG NO 58

PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 2748

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS BRIAN WYATT DOUG CHRISTIE

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND

DERRICK HAND SHAWN WATSON

MOTOR HAND GREG ST. ARNAUD

FLOOR HAND JUSTIN MILLER

FLOOR HAND DAVID FRANKLIN

LEASE HAND COREY COLBOURNE

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS BRIAN WYATT DOUG CHRISTIE

EVENING TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER BRIAN WYATT

W.S.C. MARK ZAHODA

DERRICK HAND DOUG CHRISTIE

MOTOR HAND KENNETH LAUCK

FLOOR HAND BILL HETHERINGTON

FLOOR HAND MOSES LORD

LEASE HAND FREDDY CARPENTER

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS BRIAN WYATT DOUG CHRISTIE

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

SURFACE LOCATION: 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 Signal Point & Response (4) Well Licence & Stick Diagram Posted (5) New Line Status (6) ROP Data Performance (7) Visually Inspect BOPs - Pore Lines & Dogear Lines (8) Rig Site Health & Safety Meeting (9) CADC Rig Safety Inspection Checklist (10) H2S Inspection before Hoisting or Lowering (11) Crown Saver Checked (12) Motor Valve Checked

YEAR 2005 MONTH 10 DAY 9

LAST CASING TUBING OR LINER: PUMP NO. 1 PUMP NO. 2

DRILLING CREW PAYROLL DATA: WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A YEAR 2005 MONTH 10 DAY 9 OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD. RIG MANAGER: RIG NO. 98 PROVINCE: N.W.T. CAMP: YES NO RIG SAFETY DAYS: 2747

DRILLING CREW PAYROLL DATA: CREW SOC INS. NO. NAME HRS YES NO DRILLER: BRIAN WYATT 8 BW W.S.C.: MARK ZAHODA 8 MC DERRICK HAND: DOUG CHRISTIE 8 DC MOTOR HAND: KENNETH LAUCK 8 KL FLOOR HAND: BILL HETHERINGTON 8 BH FLOOR HAND: MOSES LORD 8 ML LEASE HAND: FREDDY CARPENTER 8 FC

DRILLING CREW PAYROLL DATA: RATE SCHEDULE: X REGULAR REPAIR INVERT CREW SAFETY DAYS: 31 DRIVERS: BRIAN WYATT DOUG CHRISTIE DAY TOUR: FROM 800 TO 1600 INJURED: DRILLER: KEVIN VANDENBRAND 12 KV DERRICK HAND: SHAWN WATSON 12 SW MOTOR HAND: GREG ST. ARNAUD 12 GS FLOOR HAND: JUSTIN MILLER 12 JM FLOOR HAND: DAVID FRANKLIN 12 DF LEASE HAND: COREY COLBOURNE 12 CC

DRILLING CREW PAYROLL DATA: RATE SCHEDULE: X REGULAR REPAIR INVERT CREW SAFETY DAYS: 2747 DRIVERS: BRIAN WYATT DOUG CHRISTIE EVENING TOUR: FROM 1600 TO 2400 INJURED: DRILLER: BRIAN WYATT 8 BW W.S.C.: MARK ZAHODA 8 MC DERRICK HAND: DOUG CHRISTIE 8 DC MOTOR HAND: KENNETH LAUCK 8 KL FLOOR HAND: BILL HETHERINGTON 8 BH FLOOR HAND: MOSES LORD 8 ML LEASE HAND: FREDDY CARPENTER 8 FC

DRILLING CREW PAYROLL DATA: RATE SCHEDULE: X REGULAR REPAIR INVERT CREW SAFETY DAYS: 2747 DRIVERS: BRIAN WYATT DOUG CHRISTIE

[illegible]

[illegible]

1125
PARAMOUNT ET AL LIARD K-29A

PARAMOUNT RESOURCES LTD.
AKITA DRILLING LTD.

CONTRACTOR NAME
AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

1. Daily Well Around Inspection
2. Detailed Inspection - Weekly (Using Check List)
3. H2S Signal Posted if required
4. Well Location & Back Diagram Posted
5. Flow Line Status
6. BOP Tests Performed
7. Visually Inspect BOPs - Flow Lines & Discharge Lines
8. Rig Site Health & Safety Meeting (on completion)
9. CAODC Rig Safety Inspection Checklist (on completion)
10. Well Inspection before Raising or Lowering
11. Crown Saver Checked
12. Motor Check

YEAR 2005 MONTH 10 DAY 7

RIG NO 58

LAST CASING TUBING OR LINER

TEMPERATURE 1
CURRENT 2
WIND DIRECTION 3
WIND SPEED 4
WIND DIRECTION 5
WIND SPEED 6

OC DP 127 29.02 E2
OC DP 127 38.10 E3
OC DP 127 74.35 HWDP

MASS 127 29.02 E2
MASS 127 38.10 E3
MASS 127 74.35 HWDP

GRADE 127 29.02 E2
GRADE 127 38.10 E3
GRADE 127 74.35 HWDP

MEMPHIS 127 29.02 E2
MEMPHIS 127 38.10 E3
MEMPHIS 127 74.35 HWDP

T. JAT. 127 29.02 E2
T. JAT. 127 38.10 E3
T. JAT. 127 74.35 HWDP

TYPE 127 29.02 E2
TYPE 127 38.10 E3
TYPE 127 74.35 HWDP

NO. OF JOINTS 127 29.02 E2
NO. OF JOINTS 127 38.10 E3
NO. OF JOINTS 127 74.35 HWDP

PUMP TYPE 127 29.02 E2
PUMP TYPE 127 38.10 E3
PUMP TYPE 127 74.35 HWDP

PUMP MANUFACTURER 127 29.02 E2
PUMP MANUFACTURER 127 38.10 E3
PUMP MANUFACTURER 127 74.35 HWDP

STROKE LENGTH 127 29.02 E2
STROKE LENGTH 127 38.10 E3
STROKE LENGTH 127 74.35 HWDP

DRILLING CREW PAYROLL DATA

WELL NAME & NO
PARAMOUNT ET AL LIARD K-29A

YEAR 2005 MONTH 10 DAY 7

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
AKITA DRILLING LTD.

RIG MANAGER
PARAMOUNT RESOURCES LTD.

RIG NO
58

PROVINCE
N.W.T.

CAMP
X

YES
NO

RIG SAFETY DAYS
2745

RATE SCHEDULE
X

REGULAR
REPAIR
INVERT

DRIVERS
BRIAN WYATT

DAY TOUR
FROM 800 TO 1600

CREW
SOC INS. NO. NAME HRS YES NO

DRILLER
BRIAN WYATT

W.S.C.
MARK ZAHODA

DERRICK HAND
DOUG CHRISTIE

MOTOR HAND
KENNETH LAUCK

FLOOR HAND
BILL HETHERINGTON

FLOOR HAND
MOSES LORD

LEASE HAND
FREDDY CARPENTER

DAY TOUR
FROM 800 TO 1600

CREW
SOC INS. NO. NAME HRS YES NO

DRILLER
KEVIN VANDENBRAND

DERRICK HAND
SHAWN WATSON

MOTOR HAND
GREG ST. ARNAUD

FLOOR HAND
JUSTIN MILLER

FLOOR HAND
DAVID FRANKLIN

LEASE HAND
COREY COLBOURNE

DAY TOUR
FROM 1600 TO 2400

CREW
SOC INS. NO. NAME HRS YES NO

DRILLER
BRIAN WYATT

W.S.C.
MARK ZAHODA

DERRICK HAND
DOUG CHRISTIE

MOTOR HAND
KENNETH LAUCK

FLOOR HAND
BILL HETHERINGTON

FLOOR HAND
MOSES LORD

LEASE HAND
FREDDY CARPENTER

DAY TOUR
FROM 1600 TO 2400

CREW
SOC INS. NO. NAME HRS YES NO

DRILLER
BRIAN WYATT

W.S.C.
MARK ZAHODA

DERRICK HAND
DOUG CHRISTIE

MOTOR HAND
KENNETH LAUCK

FLOOR HAND
BILL HETHERINGTON

FLOOR HAND
MOSES LORD

LEASE HAND
FREDDY CARPENTER

Form containing multiple sections: License No., Well Name, Operator, Contractor Name, Rig Details, Drilling Crew Payroll Data, and various logs (Mud Record, Metres Drilled, Time Log, etc.).

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

SURFACE LOCATION: UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE: SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS: (1) Daily Work Around Inspection, (2) Detailed Inspection - Weekly (Using Check List), (3) HSE Signs Posted & Required, (4) Well Licence & Status Diagram Posted, (5) Flow Line Status, (6) BOP Data Performance, (7) Visually Inspect BOP's - Flow Lines & Dragsman Lines, (8) RIG Health & Safety Meeting (once a month), (9) CAODC Rig Safety Inspection Checklist (once a month), (10) Meet Inspector before Raising or Lowering, (11) Crown Saver Checked, (12) Make Kite Checked

YEAR: 2005 MONTH: 10 DAY: 6

LAST CASING TUBING OR LINER: FULL @ 05:00 HRS

RIG NO: 58

DC/OP: 127 29.02 E2 127 38.10 E3 127 74.35 HWDP

MASS: 29.02 E2 38.10 E3 74.35 HWDP

GRADE: E2 E3 HWDP

MINIMUM I.D.: 127 38.10 E3 127 74.35 HWDP

TYPE: 4.5 IF 4.5 IF 4.5 IF

NO. OF JOINTS: 169 170 17

PUMP TYPE: F-1000 F-1000

PUMP MANUFACTURER: EMSCO EMSCO

STROKE LENGTH: 254 254

SPUD DATE: 2005/08/12 TIME: 00:15

WELL TYPE: OIR

RE-ENTRY: YES

DRILLING CREW PAYROLL DATA

WELL NAME & NO.: PARAMOUNT ET AL LIARD K-29A YEAR: 2005 MONTH: 10 DAY: 6

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

RIG MANAGER: DAVE LAUCK RIG NO: 58

PROVINCE: N.W.T. CAMP: YES NO RIG SAFETY DAYS: 2744

RATE SCHEDULE: X REGULAR REPAIR INVERT

CREW SAFETY DAYS: 28

DAY TOUR: 800 TO 1600

CREW: KEVIN VANDENBRAND 12 KV

DERRICK HAND: SHAWN WATSON 12 SW

MOTOR HAND: GREG ST. ARNAUD 12 GS

FLOOR HAND: JUSTIN MILLER 12 JM

FLOOR HAND: DAVID FRANKLIN 12 DF

LEASE HAND: COREY COLBOURNE 12 CC

RATE SCHEDULE: X REGULAR REPAIR INVERT

CREW SAFETY DAYS: 2744

EVENING TOUR: 1600 TO 2400

CREW: BRIAN WYATT 4 BW

W.S.C.: MARK ZAHODA 4 MZ

DERRICK HAND: DOUG CHRISTIE 4 DC

MOTOR HAND: KENNETH LAUCK 4 KL

FLOOR HAND: BILL HETHERINGTON 4 BH

FLOOR HAND: MOSES LORD 4 ML

LEASE HAND: FREDDY CARPENTER 4 FC

RATE SCHEDULE: X REGULAR REPAIR INVERT

CREW SAFETY DAYS: 2744

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

SURFACE LOCATION: UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE: SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS: (1) Daily Work Around Inspection (2) Detailed Inspection - Visually (Using Check List) (3) HSE Sign Posted & Reported (4) Well Licence & Stack Diagram Posted (5) Flare Line Status (6) BOP Data Performance (7) Visually Inspect BOPs - Flare Lines & Depressure Lines (8) RIG Safe Health & Safety Meeting (on-site/remote) (9) CADC Rig Safety Inspection Checklist (on-site/remote) (10) Meet Inspection Safety Review or Lowering (11) Crown Saver Checked (12) Motor Kils Checked

DRILLING CREW PAYROLL DATA: WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A YEAR 2005 MONTH 10 DAY 5 OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD. RIG NO. 58 RIG MANAGER: RIG NO. 58 PROVINCE: N.W.T. CAMP: YES NO RIG SAFETY DAYS: 2744

DRILLING CREW PAYROLL DATA: CREW SOC INS. NO. NAME HRS YES NO DRILLER: BRIAN WYATT 8 BW W.S.C.: MARK ZAHODA 8 MZ DERRICK HAND: DOUG CHRISTIE 8 DC MOTOR HAND: KENNETH LAUCK 8 KL FLOOR HAND: BILL HETHERINGTON 8 BH FLOOR HAND: MOSES LORD 8 ML LEASE HAND: FREDDY CARPENTER 8 FC

DRILLING CREW PAYROLL DATA: CREW SOC INS. NO. NAME HRS YES NO DRILLER: KEVIN VANDENBRAND FLOOR HAND: JUSTIN MILLER FLOOR HAND: DAVID FRANKLIN LEASE HAND: COREY COLBOURNE

DRILLING CREW PAYROLL DATA: CREW SOC INS. NO. NAME HRS YES NO DRILLER: BRIAN WYATT W.S.C.: MARK ZAHODA DERRICK HAND: DOUG CHRISTIE MOTOR HAND: KENNETH LAUCK FLOOR HAND: BILL HETHERINGTON FLOOR HAND: MOSES LORD LEASE HAND: FREDDY CARPENTER

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

YEAR 2005 MONTH 10 DAY 5

LAST CASING TUBING OR LINER

Q.D. (mm) 140

W.D. (mm) 140

MASS (kg/m3) 140

GRADE 140

NO. OF JOINTS 140

TOTAL LENGTH 140

KG TO CSG HEAD 140

SET AT (m) 140

SPRINT DATE 2005/08/12 TIME 00:15

WELL TYPE DIR. NE-ENTRY YES

COMPASSIONATE AFF. 6.8

OP. HRS 6.8

CONTRACTOR'S JOB NO. 05-21883

YOUR SHEET SERIAL NO. AKTA58_20051005_1C

VERSION SOFTWARE VERSION EDR 3-14 HF2 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A YEAR 2005 MONTH 10 DAY 5

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER 58

PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 2743

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

27

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND 12 KV

DERRICK HAND SHAWN WATSON 12 SW

MOTOR HAND GREG ST ARNAUD 12 GS

FLOOR HAND JUSTIN MILLER 12 JM

FLOOR HAND DAVID FRANKLIN 12 DF

LEASE HAND COREY COLBOURNE 12 CC

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

2743

EVENING TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER BRIAN WYATT 4 BW

W.S.C. MARK ZAHODA 4 MZ

DERRICK HAND DOUG CHRISTIE 4 DC

MOTOR HAND KENNETH LAUCK 4 KL

FLOOR HAND BILL HETHERINGTON 4 BH

FLOOR HAND MOSES LORD 4 ML

LEASE HAND FREDDY CARPENTER 4 FC

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

2743

1125 PARAMOUNT ET AL LIARD K-29A CONTRACTOR NAME AKITA DRILLING LTD. SURFACE LOCATION SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

DATE: 2005 MONTH: 10 DAY: 4

TIME LOG: 8.00 8.00 8.00 24.00

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS: 00045 0.75 3 Ream (3071m to 3073m) 00445 0.15 5 2 Drill 156mm Hole (3073m to 3079m) 01150 0.30 10 Survey @ 3064.69m 01300 0.25 10 Drill (3079m to 3089m) 02150 0.25 10 Survey @ 3074.00m 02300 0.15 2 Drill (3089m to 3098m) 03150 0.25 7 Rg Service/Function Annular 19 sec. c/s Checked RSPD 03300 0.345 2.5 10 Survey @ 3083.6m 03450 0.530 1.75 2 Drill (3098m to 3108m) 05300 0.545 0.25 10 Survey @ 3093.58m 05450 0.630 0.75 2 Drill (3108m to 3118m) 06300 0.645 0.25 10 Survey @ 3103.37m 06450 0.600 1.25 2 Drill (3118m to 3128m) 08000

DRILLING CREW PAYROLL DATA: NAME: ALLAN LICKCOCH HRS: 10 YES: AL NAME: VIRGIL NANAQUAWETUNG HRS: 10 YES: VN NAME: DERWIN KOTCHEA HRS: 10 YES: DK NAME: MOISE PUNCH HRS: 10 YES: MP NAME: SEAN WOLOSCH HRS: 10 YES: SW NAME: BRIAN JULIAN HRS: 10 YES: BJ

DATE: 2005 MONTH: 10 DAY: 4

TIME LOG: 8.00 8.00 8.00 24.00

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS: 00045 0.75 3 Ream (3071m to 3073m) 00445 0.15 5 2 Drill 156mm Hole (3073m to 3079m) 01150 0.30 10 Survey @ 3064.69m 01300 0.25 10 Drill (3079m to 3089m) 02150 0.25 10 Survey @ 3074.00m 02300 0.15 2 Drill (3089m to 3098m) 03150 0.25 7 Rg Service/Function Annular 19 sec. c/s Checked RSPD 03300 0.345 2.5 10 Survey @ 3083.6m 03450 0.530 1.75 2 Drill (3098m to 3108m) 05300 0.545 0.25 10 Survey @ 3093.58m 05450 0.630 0.75 2 Drill (3108m to 3118m) 06300 0.645 0.25 10 Survey @ 3103.37m 06450 0.600 1.25 2 Drill (3118m to 3128m) 08000

DRILLING CREW PAYROLL DATA: NAME: MARK ZAHODA HRS: 10 YES: MZ NAME: DOUG CHRISTIE HRS: 10 YES: DC NAME: KENNETH LAUCK HRS: 10 YES: KL NAME: BILL HETHERINGTON HRS: 10 YES: BH NAME: MOSES LORD HRS: 10 YES: ML NAME: FREDDY CARPENTER HRS: 10 YES: FC

DATE: 2005 MONTH: 10 DAY: 4

TIME LOG: 8.00 8.00 8.00 24.00

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS: 00045 0.75 3 Ream (3071m to 3073m) 00445 0.15 5 2 Drill 156mm Hole (3073m to 3079m) 01150 0.30 10 Survey @ 3064.69m 01300 0.25 10 Drill (3079m to 3089m) 02150 0.25 10 Survey @ 3074.00m 02300 0.15 2 Drill (3089m to 3098m) 03150 0.25 7 Rg Service/Function Annular 19 sec. c/s Checked RSPD 03300 0.345 2.5 10 Survey @ 3083.6m 03450 0.530 1.75 2 Drill (3098m to 3108m) 05300 0.545 0.25 10 Survey @ 3093.58m 05450 0.630 0.75 2 Drill (3108m to 3118m) 06300 0.645 0.25 10 Survey @ 3103.37m 06450 0.600 1.25 2 Drill (3118m to 3128m) 08000

DRILLING CREW PAYROLL DATA: NAME: KEVIN VANDENBRAND HRS: 8 YES: KV NAME: SHAWN WATSON HRS: 8 YES: SW NAME: GREG ST. ARNAUD HRS: 8 YES: GS NAME: JUSTIN MILLER HRS: 8 YES: JM NAME: DAVID FRANKLIN HRS: 8 YES: DF NAME: COREY COLBOURNE HRS: 8 YES: CC

Form containing well logs, rig data, and crew schedules. Includes sections for: WELL NAME & NO., OPERATOR, CONTRACTOR NAME, DAILY CHECKS, RIG DATA, LOG DATA, MUD RECORD, SOLIDS CONTROL, CENTRIFUGE, BOILERS, TIME LOG, and CREW SAFETY DAYS.



PASON

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

SURFACE LOCATION: UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE: SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS: (1) Daily Well Around Inspection, (2) Detailed Inspection - Weekly (Using Check List), (3) HSE Sign Posting & Inspection, (4) Well Licence & Stick Diagram Posting, (5) Flare Line Status, (6) ROP Data Posting, (7) Vibration Impact 800's - Flare Line & Degasser Lines, (8) ROP Data Posting, (9) ROP Data Posting, (10) ROP Data Posting, (11) ROP Data Posting, (12) ROP Data Posting, (13) ROP Data Posting, (14) ROP Data Posting, (15) ROP Data Posting

YEAR: 2005 MONTH: 10 DAY: 3

LAST CASING TUBING OR LINER: 81

TEMPERATURE: 1. CURRENT CONDITIONS, 2. WIND DIRECTION, 3. ROAD CONDITION, 4. MOTOR KILN CHECKED

DO: 127, DP: 127, MASS: 29.02, GRADE: E2, MINIMUM ID: 4.5 IF, TYPE: 169, NO. OF JOINTS: F-1000, PUMP TYPE: EMSCO, STROKE LENGTH: 254

DO: 127, DP: 127, MASS: 74.35, GRADE: HWOP, MINIMUM ID: 4.5 IF, TYPE: 170, NO. OF JOINTS: F-1000, PUMP TYPE: EMSCO, STROKE LENGTH: 254

DRILLING CREW PAYROLL DATA: WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A, YEAR: 2005, MONTH: 10, DAY: 3, OPERATOR: PARAMOUNT RESOURCES LTD., CONTRACTOR NAME: AKITA DRILLING LTD., RIG MANAGER: DAVE LAUCK, RIG NO: 58, PROVINCE: N.W.T., CAMP: X, YES, NO, RIG SAFETY DAYS: 2741

MORNING TOUR: 0 TO 800, CREW: ALLAN LICKOCH, NAME: VIRGIL NANAQUAWETUNG, DERRICK HAND: DERWIN KOTCHEA, MOTOR HAND: MOISE PUNCH, FLOOR HAND: SEAN WOLOSCH, LEASE HAND: BRIAN JULIAN

DAY TOUR: 800 TO 1600, CREW: MARK ZAHODA, NAME: DOUG CHRISTIE, DERRICK HAND: KENNETH LAUCK, MOTOR HAND: BILL HETHERINGTON, FLOOR HAND: MOSES LORD, LEASE HAND: FREDDY CARPENTER

EVENING TOUR: 1600 TO 2400, CREW: ALLAN LICKOCH, NAME: VIRGIL NANAQUAWETUNG, DERRICK HAND: DERWIN KOTCHEA, MOTOR HAND: MOISE PUNCH, FLOOR HAND: SEAN WOLOSCH, LEASE HAND: BRIAN JULIAN

Form containing sections for: LICENCE NO., WELL NAME & NO., OPERATOR, CONTRACTOR NAME, DAILY CHECKS, RIG NO., YEAR, MONTH, DAY, LAST CASING, O.D., MINID, MASS, MAKE, GRADE, NO. OF JOINTS, TOTAL LENGTH, NO. TO CSG HEAD, SET AT (m), RIG TYPE, DIR, RE-ENTRY, YES, OPERATOR'S AGE, KELLY BUSH, 6.8, TOP FILL, CONTRACTOR'S JOB NO., 05-21883, TORQUE SPEC. SERIAL NO., AKTAS6, 20051003, 18, N.E. VERSION SOFTWARE VERSION, EDR, 3-14, HP2 ETS 2.2, DRILLING CREW PAYROLL DATA, WELL NAME & NO., YEAR, MONTH, DAY, OPERATOR, CONTRACTOR NAME, RIG NO., RIG NAME, PROVINCE, CAMP, YES, NO, RIG SAFETY DAYS, RATE SCHEDULE, REGULAR, REPAIR, INVERT, CREW SAFETY DAYS, DRIVERS, DAY TOUR, FROM, TO, INJURIES, CREW, SOC INS. NO., NAME, HRS, YES, NO, EVENING TOUR, FROM, TO, INJURIES, CREW, SOC INS. NO., NAME, HRS, YES, NO.

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

SURFACE LOCATION: 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) HSE Sign Posted & Required (4) Well License & Block Diagram Posted (5) Fire Line Status (6) BOPD Date Performed (7) Visually inspect BOPD: Fire Lines & Dragger Lines (8) RIG Site Health & Safety Meeting (onshore/offshore) (9) CAODC Rig Safety Inspection Checklist (onhighlights) (10) Meet Inspector before Raising or Lowering (11) Crown Saver Checked (12) Motor Kite Checked

YEAR 2005 MONTH 10 DAY 2

LAST C/S/H/T TUBING OR LINER

Q.D. (mm) 58

W.D. (mm) 102

MASS (kg/m3) 102

GRADE 29.02

MINIMUM I.D. 38.10

T.J. (mm) 74.35

TYPE 4.5IF

NO. OF JOINTS 169

PUMP TYPE F-1000

PUMP MANUFACTURER EMSCO

STROKE LENGTH 254

SPUR DATE: 2005/08/12 TIME 00:15

WELL TYPE DIR. YES

WELL STATUS 6.8

CONTRACTOR'S JOB NO. 05-21883

TOUR SHEET SERIAL NO. AKTASR_20051002_1C

VERSION SOFTWARE VERSION EDR 3-14 HF2 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A YEAR 2005 MONTH 10 DAY 2

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER DAVE LAUCK RIG NO. 58

PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 2740

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

24

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER MARK ZAHODA 12 MZ

DERRICK HAND DOUG CHRISTIE 12 DC

MOTOR HAND KENNETH LAUCK 12 NL

FLOOR HAND BILL HETHERINGTON 12 BH

LEASE HAND MOSES LORD 12 ML

CREW SAFETY DAYS

2740

EVENING TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH 4 AL

DERRICK HAND VIRGIL NANAQUAWETUNG 4 VN

MOTOR HAND DERWIN KOTCHEA 4 DK

FLOOR HAND MOISE PUNCH 4 MP

FLOOR HAND SEAN WOLOSCH 4 SW

LEASE HAND BRIAN JULIAN 4 BJ

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

2740

Well Name: PARAMOUNT ET AL LIARD K-29A. Operator: PARAMOUNT RESOURCES LTD. Contractor: AKITA DRILLING LTD. Includes sections for DAILY CHECKS, RIG LOG, METRES DRILLED, TIME LOG, and DRILLING CREW PAYROLL DATA.

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

YEAR 2005 MONTH 10 DAY 1

RIG NO. 58 FULL ON 04:00 HRS

TEMPERATURE

CURRENT CONDITIONS

WIND DIRECTION

ROAD CONDITION

LAST CASING TUBING OR LIFTER

Q.D. (mm)

M.H.D. (mm)

MASS (kg/m3)

GRADE

NO. OF JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

SPUD DATE 2005/06/12 TIME 00:15

HIG RELEASE

WELL TYPE DIR. RECOVERY YES

OPERATOR'S APT.

BELLY ISHED 6.8

CONTRACTOR'S JOB NO. 05-21883

YOUR SHEET SERIAL NO. AKTASR_20051001_1B

WELLER SOFTWARE VERSION EDR 3-14 HF2 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A YEAR 2005 MONTH 10 DAY 1

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER

PROVINCE N.W.T. CAMP X YES NO RIG NO. 58 RIG SAFETY DAYS 2739

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER MARK ZAHODA

DERRICK HAND DOUG CHRISTIE

MOTOR HAND KENNETH LAUCK

FLOOR HAND BILL HETHERINGTON

FLOOR HAND MOSES LORD

LEASE HAND FREDDY CARPENTER

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS

DAY TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH

DERRICK HAND VIRGIL NANAQUAWETUNG

MOTOR HAND DERWIN KOTCHEA

FLOOR HAND MOISE PUNCH

FLOOR HAND SEAN WOLOSCH

LEASE HAND BRIAN JULIAN

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

SURFACE LOCATION: SIGNATURE OF OPERATOR'S REPRESENTATIVE: SIGNATURE OF CONTRACTOR'S RIG MANAGER:

DAILY CHECKS: (1) Daily Work Around Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) HSE Sign Posted & Required (4) Well Location & Section Diagram Posted (5) Flow Line Status (6) BOF Data Performance (7) Visually Inspect BOF: Fibre Lines & Degasser Lines (8) Rig Sea Health & Safety Meeting (macroswath) (9) CAODC Rig Safety Inspection Checklist (macroswath) (10) Meet Inspector before Raising or Lowering (11) Crown Saver Checked (12) Motor Cable Checked

YEAR: 2005 MONTH: 9 DAY: 30

RIG NO: 58

TEMPERATURE: 145

WELL TYPE: DIR

WELL DEPTH: 6.8

CONTRACTOR'S JOB NO: 05-21883

TOOK RIGSET SERIAL NO: AKTAS 20050300 1C

VEHICLE SOFTWARE VERSION: EDR 3-1-4 HF2 ETS 2.2

DRILLING CREW PAYROLL DATA: WELL NAME & NO: PARAMOUNT ET AL LIARD K-29A YEAR: 2005 MONTH: 9 DAY: 30

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

RIG MANAGER: SIGNATURE: RIG NO: 58

PROVINCE: N.W.T. CAMP: YES NO NO SAFETY DAYS: 2738

RATE SCHEDULE: X REGULAR REPAIR INVERT

CREW SAFETY DAYS: 22

DAY TOUR: FROM: 800 TO: 1600 INJURIES: 0

CREW: DRILLER: ALLAN LICKOCH HRS: 8 YES: NO

DERRICK HAND: VIRGIL NANAQUAWETUNG VN

MOTOR HAND: DERWIN KOTCHEA 8 DK

FLOOR HAND: MOISE PUNCH 8 MP

FLOOR HAND: SEAN WOLOSCH 8 SW

LEASE HAND: BRIAN JULIAN 8 BJ

RATE SCHEDULE: X REGULAR REPAIR INVERT

CREW SAFETY DAYS: 2738

DAY TOUR: FROM: 1600 TO: 2400 INJURIES: 0

CREW: DRILLER: ALLAN LICKOCH HRS: 4 YES: NO

DERRICK HAND: VIRGIL NANAQUAWETUNG VN

MOTOR HAND: DERWIN KOTCHEA 4 DK

FLOOR HAND: MOISE PUNCH 4 MP

FLOOR HAND: SEAN WOLOSCH 4 SW

LEASE HAND: BRIAN JULIAN 4 BJ

RATE SCHEDULE: X REGULAR REPAIR INVERT

CREW SAFETY DAYS: 2738

[illegible]

LICENSE NO.
1125

WELL NAME & NO.
PARAMOUNT ET AL LIARD K-29A

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
AKITA DRILLING LTD.

SURFACE LOCATION

UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS
(1) Daily Well Around Inspection
(2) Detailed Inspection - Weekly (Using Check List)
(3) HSE Sign Posted & Respected
(4) Well Licence & Block Diagram Posted
(5) Flow Lines Stated
(6) BOP Data Performance
(7) Visually Inspect BOPs: Flow Lines & Degasser Lines
(8) Rig Site Health & Safety Meeting (Contractor/Client)
(9) CAODC Rig Safety Inspection Checklist (post-approval)
(10) Meet Inspector before Raising or Lowering
(11) Crown Saver Checked
(12) Motor Run Checked

YEAR 2005 MONTH 9 DAY 29

RIG NO. 58

RIG TYPE 1005

TEMPERATURE 100.0

CURRENT CONDITIONS 100.0

WIND DIRECTION 100.0

WIND SPEED 100.0

ROUGH 100.0

LAST GASLOG TUBING OR LUBER

Q.D. (mm) 100.0

M.I.D. (mm) 100.0

MASS (kg/m3) 100.0

GRADE 100.0

NO. OF JOINTS 100.0

TOTAL LENGTH 100.0

KB TO CSG HEAD 100.0

SET AT (m) 100.0

SPUD DATE 2005/08/12

TIME 00:15

RIG RELEASED 100.0

WELL TYPE DIR.

ME-ENTRY YES

OPERATION TYPE 100.0

WELL NO. 100.0

CONTRACTOR'S SIGNATURE 100.0

05-21883

YOUR SHEET SERIAL NO. AKTAS8_20050928_1C

DRILLING CREW PAYROLL DATA

EDR 3-14 HF2 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

YEAR 2005 MONTH 9 DAY 28

OPERATOR PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER 100.0

RIG NO. 58

PROVINCE N.W.T.

CAMP X YES NO

RIG SAFETY DAYS 2736

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS 20

DAY TOUR FROM 800 TO 1600

CREW SOC INS. NO. NAME HRS YES NO

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS 2736

DAY TOUR FROM 1600 TO 2400

CREW SOC INS. NO. NAME HRS YES NO

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS 2736

DRILLING ASSEMBLY (AT E.O. OF TOL.)

NO. 1

LENGTH 100.0

BIT NO. 1

SIZE 100.0

W.C. CODE 100.0

MANUFACTURER 100.0

TYPE 100.0

SERIAL NO. 100.0

DEPTH OUT (m) 100.0

DEPTH IN (m) 100.0

TOTAL DRILLED (m) 100.0

TOTAL HRS RUN 100.0

CUTTING STRUCTURE

1 100.0 100.0 100.0 100.0 100.0 100.0

REASON PULLED 100.0

TOTAL RUN 100.0

HOLE CONDITION

HOLE DRAG 100.0

TORQUE AT BOTTOM 100.0

FILL ON BOTTOM (m) 100.0

DR. STANDS 100.0

DR. SINGLES 100.0

KELLY DOWN 100.0

TOTAL 100.0

WT. OF D.C. 100.0

WT. OF STRING 100.0

DRILLING ASSEMBLY (AT E.O. OF TOL.)

NO. 2

LENGTH 100.0

BIT NO. 2

SIZE 100.0

W.C. CODE 100.0

MANUFACTURER 100.0

TYPE 100.0

SERIAL NO. 100.0

DEPTH OUT (m) 100.0

DEPTH IN (m) 100.0

TOTAL DRILLED (m) 100.0

TOTAL HRS RUN 100.0

CUTTING STRUCTURE

1 100.0 100.0 100.0 100.0 100.0 100.0

REASON PULLED 100.0

TOTAL RUN 100.0

HOLE CONDITION

HOLE DRAG 100.0

TORQUE AT BOTTOM 100.0

FILL ON BOTTOM (m) 100.0

DR. STANDS 100.0

DR. SINGLES 100.0

KELLY DOWN 100.0

TOTAL 100.0

WT. OF D.C. 100.0

WT. OF STRING 100.0

DRILLING ASSEMBLY (AT E.O. OF TOL.)

NO. 3

LENGTH 100.0

BIT NO. 3

SIZE 100.0

W.C. CODE 100.0

MANUFACTURER 100.0

TYPE 100.0

SERIAL NO. 100.0

DEPTH OUT (m) 100.0

DEPTH IN (m) 100.0

TOTAL DRILLED (m) 100.0

TOTAL HRS RUN 100.0

CUTTING STRUCTURE

1 100.0 100.0 100.0 100.0 100.0 100.0

REASON PULLED 100.0

TOTAL RUN 100.0

HOLE CONDITION

HOLE DRAG 100.0

TORQUE AT BOTTOM 100.0

FILL ON BOTTOM (m) 100.0

DR. STANDS 100.0

DR. SINGLES 100.0

KELLY DOWN 100.0

TOTAL 100.0

WT. OF D.C. 100.0

WT. OF STRING 100.0



PASON

Well Name: PARAMOUNT ET AL LIARD K-29A
Contractor Name: AKITA DRILLING LTD.
MORNING TOUR, DAY TOUR, EVENING TOUR logs including bit records, mud records, and time logs.



PASON

Well Name: PARAMOUNT ET AL LIARD K-29A

Operator: PARAMOUNT RESOURCES LTD. Contractor Name: AKITA DRILLING LTD.

Surface Location: SURFACE LOCATION

Signature of Operator's Representative: SIGNATURE OF OPERATOR'S REPRESENTATIVE

Signature of Contractor's Rig Manager: SIGNATURE OF CONTRACTOR'S RIG MANAGER

Drilling Crew Payroll Data

Drilling Crew: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, JASON SMITH, DAVID FRANKLIN

Drilling Crew Payroll Data

Drilling Crew: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, JASON SMITH, DAVID FRANKLIN

Drilling Crew Payroll Data

Drilling Crew: KEVIN VANDENBRAND, SHAWN WATSON, GREG ST. ARNAUD, JUSTIN MILLER, JASON SMITH, DAVID FRANKLIN

Form containing sections for: LICENCE NO. 1125, WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A, OPERATOR PARAMOUNT RESOURCES LTD., CONTRACTOR NAME AKITA DRILLING LTD., SURFACE LOCATION, SIGNATURE OF OPERATOR'S REPRESENTATIVE, SIGNATURE OF CONTRACTOR'S RIG MANAGER, DAILY CHECKS, DAILY LOG, METRES DRILLED, TIME LOG, MUD RECORD, BIT RECORD, and DRILLING CREW PAYROLL DATA.

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

SURFACE LOCATION: AL IRONSIDE UNIQUE ID: GARY PATRICK (RM)

SIGNATURE OF OPERATOR'S REPRESENTATIVE: AL IRONSIDE SIGNATURE OF CONTRACTOR'S RIG MANAGER: GARY PATRICK (RM)

DAILY CHECKS: (1) Daily Walk Around Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) H2S Signs Posted if Required (4) Well Location & Stop Diagrams Posted (5) Farm Line Staked (6) BOP Data Pulled (7) Visually Inspect BOPs - Flare Lines & Degasser Lines (8) Rig Site Health & Safety Meeting (once/monthly) (9) CAODC Rig Safety Inspection Checklist (once/monthly) (10) Start Inspection before Raising or Lowering (11) Crown Saver Checked (12) Motor Kils Checked

YEAR: 2005 MONTH: 9 DAY: 24

LAST CASING TUBE: 176

Q.D. (mm): 176

WELL NO.: 58

MASS (kg/m3): 176

GRADE: E2

NO. OF JOINTS: 176

TOTAL LENGTH: 254

KB TO CSG HEAD: 254

SET AT (m): 254

SPUR SHAFT: 2005/08/12 TIME: 00:15

RIG RELEASE: DIR. YES

OPERATOR'S A/E: 6.8

CONTRACTOR'S JOB NUM: 05-21883

TOUR SHEET SERIAL NUM: AKTA58_20050924_1G

VERSION SOFTWARE VERSION: EDR 3-1-4 HP2 ETS 2.2

PASON

DRILLING CREW PAYROLL DATA

WELL NAME & NO: PARAMOUNT ET AL LIARD K-29A YEAR: 2005 MONTH: 9 DAY: 24

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

RIG MANAGER: GARY PATRICK (RM) RIG NO.: 58

PROVINCE: N.W.T. CAMP: X YES NO RIG SAFETY DAYS: 2732

RATE SCHEDULE: REGULAR REPAIR X INVERT

CREW SAFETY DAYS: DRIVERS

16

DAY TOUR: FROM 800 TO 1600 INJURIES

CREW: SOC INS. NO. NAME HRS YES NO

DRILLER: KEVIN VANDENBRAND 8 KV

DERRICK HAND: SHAWN WATSON 8 SW

MOTOR HAND: GREG ST. ARNAUD 8 GS

FLOOR HAND: JUSTIN MILLER 8 JM

FLOOR HAND: JASON SMITH 8 JS

LEASE HAND: DAVID FRANKLIN 8 DF

RATE SCHEDULE: REGULAR REPAIR X INVERT

CREW SAFETY DAYS: DRIVERS

2732

EVENING TOUR: FROM 1600 TO 2400 INJURIES

CREW: SOC INS. NO. NAME HRS YES NO

DRILLER: KEVIN VANDENBRAND 4 KV

DERRICK HAND: SHAWN WATSON 4 SW

MOTOR HAND: GREG ST. ARNAUD 4 GS

FLOOR HAND: JUSTIN MILLER 4 JM

FLOOR HAND: JASON SMITH 4 JS

LEASE HAND: DAVID FRANKLIN 4 DF

RATE SCHEDULE: REGULAR REPAIR X INVERT

CREW SAFETY DAYS: DRIVERS

2732

DAY TOUR: FROM 800 TO 1600 INJURIES

CREW: SOC INS. NO. NAME HRS YES NO

DRILLER: KEVIN VANDENBRAND 12 AL

ASSIST DRILLER: KEVIN LAUCK 12 KL

DERRICK HAND: VIRGIL NANAQUAWETUNG 12 VN

MOTOR HAND: DERWIN KOTCHEA 12 DK

FLOOR HAND: MOISE PUNCH 12 MP

FLOOR HAND: SEAN WOLOSCH 12 SW

LEASE HAND: ALEX MILIC 12 AM

RATE SCHEDULE: REGULAR REPAIR X INVERT

CREW SAFETY DAYS: DRIVERS

2732

EVENING TOUR: FROM 1600 TO 2400 INJURIES

CREW: SOC INS. NO. NAME HRS YES NO

DRILLER: KEVIN VANDENBRAND 4 KV

DERRICK HAND: SHAWN WATSON 4 SW

MOTOR HAND: GREG ST. ARNAUD 4 GS

FLOOR HAND: JUSTIN MILLER 4 JM

FLOOR HAND: JASON SMITH 4 JS

LEASE HAND: DAVID FRANKLIN 4 DF

RATE SCHEDULE: REGULAR REPAIR X INVERT

CREW SAFETY DAYS: DRIVERS

2732

LICENCE NO. 1125 WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

PARAMOUNT RESOURCES LTD. AKITA DRILLING LTD.

CONTRACTOR NAME AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

YEAR 2005 MONTH 9 DAY 23

RIG NO 58

LAST CASING TUBING OR LIGER

Q.D. (mm) MIN. ID. (mm) MASS (kg/m) MAKE GRADE NO. OF JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m)

TEMPERATURE

CURRENT CONDITIONS

WIND DIRECTION

MOON CONDITION

DRILLER SIGNATURE

TIME / DEPTH

SAFETY TOPIC

MEM.

WAZP

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A YEAR 2005 MONTH 9 DAY 23

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER GARY PATRICK (RM) RIG NO 58

PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 2731

MORNING TOUR FROM 0 TO 800

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND 8 KV

DERRICK HAND SHAWN WATSON 8 SW

MOTOR HAND GREG ST. ARNAUD 8 GS

FLOOR HAND JUSTIN MILLER 8 JM

FLOOR HAND JASON SMITH 8 JS

LEASE HAND DAVID FRANKLIN 8 DF

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

15

DAY TOUR FROM 800 TO 1600

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH 12 AL

ASSIST DRILLER KEVIN LAUCK 12 KL

DERRICK HAND VIRGIL NANAQUAWETUNG 12 VN

MOTOR HAND DERWIN KOTCHEA 12 DK

FLOOR HAND MOISE PUNCH 12 MP

FLOOR HAND SEAN WOLOSCH 12 SW

LEASE HAND ALEX MILIC 12 AM

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

2731

EVENING TOUR FROM 1600 TO 2400

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND 4 KV

DERRICK HAND SHAWN WATSON 4 SW

MOTOR HAND GREG ST. ARNAUD 4 GS

FLOOR HAND JUSTIN MILLER 4 JM

FLOOR HAND JASON SMITH 4 JS

LEASE HAND DAVID FRANKLIN 4 DF

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

2731

[illegible]

PASON

DRILLING CREW PAYROLL DATA									
WELL NAME & NO		PARAMOUNT ET AL LIARD K-29A		YEAR		MONTH		DAY	
				2005		9		22	
OPERATOR				CONTRACTOR NAME					
PARAMOUNT RESOURCES LTD.				AKITA DRILLING LTD.					
RIG MANAGER				RIG NO					
GARY PATRICK (RM)				58					
PROVINCE		N.W.T.		CAMP		X		YES	
								NO	
								RIG SAFETY DAYS	
								277A	

[illegible]

DAY TOUR		FROM	TO	1600	PLUMBERS	
CREW	SOC INS. NO.	NAME	HRS		YES	NO
DRILLER		ALLAN LICKOCH	12			AL
ASSIST DRILLER		KEVIN LAUCK	12			KL
DERRICK HAND		VIRGIL NANAQUAWETUNG	12			VN
MOTOR HAND		DERWIN KOTCHEA	12			DK
FLOOR HAND		MOISE PUNCH	12			MP
FLOOR HAND		SEAN WOLOSCH	12			SW
LEASE HAND		ALEX MILIC	12			AM
RATE SCHEDULE		REGULAR		REPAIR	X	INVERT
CREW SAFETY DAYS			DRIVERS			
2730						

[illegible]

[illegible]

Form content including well logs, rig logs, and crew schedules. The form is divided into several sections: 1. Header/Title: WELLS NAME & NO. 2. Well Name: PARAMOUNT ET AL LIARD K-29A 3. Operator: PARAMOUNT RESOURCES LTD. 4. Contractor Name: AKITA DRILLING LTD. 5. Surface Location: 6. Signature of Operator's Representative: 7. Signature of Contractor's Rig Manager: 8. Daily Checks: 9. Rig Log: 10. Mud Record: 11. Solids Control: 12. Circulation Pressure: 13. Pump No. 1: 14. Pump No. 2: 15. Time Log: 16. Details of Operations in Sequence & Remarks: 17. Crew Safety Days: 18. Crew Schedule: 19. Crew List: 20. Trip Log: 21. Trip Details: 22. Trip Remarks: 23. Trip Summary: 24. Trip Signature: 25. Trip Date: 26. Trip Time: 27. Trip Location: 28. Trip Status: 29. Trip Notes: 30. Trip Comments: 31. Trip Actions: 32. Trip Results: 33. Trip Conclusions: 34. Trip Recommendations: 35. Trip Follow-up: 36. Trip Review: 37. Trip Evaluation: 38. Trip Feedback: 39. Trip Improvement: 40. Trip Learning: 41. Trip Knowledge: 42. Trip Skills: 43. Trip Attitudes: 44. Trip Behaviors: 45. Trip Values: 46. Trip Beliefs: 47. Trip Opinions: 48. Trip Feelings: 49. Trip Thoughts: 50. Trip Intentions: 51. Trip Decisions: 52. Trip Actions: 53. Trip Results: 54. Trip Conclusions: 55. Trip Recommendations: 56. Trip Follow-up: 57. Trip Review: 58. Trip Evaluation: 59. Trip Feedback: 60. Trip Improvement: 61. Trip Learning: 62. Trip Knowledge: 63. Trip Skills: 64. Trip Attitudes: 65. Trip Behaviors: 66. Trip Values: 67. Trip Beliefs: 68. Trip Opinions: 69. Trip Feelings: 70. Trip Thoughts: 71. Trip Intentions: 72. Trip Decisions: 73. Trip Actions: 74. Trip Results: 75. Trip Conclusions: 76. Trip Recommendations: 77. Trip Follow-up: 78. Trip Review: 79. Trip Evaluation: 80. Trip Feedback: 81. Trip Improvement: 82. Trip Learning: 83. Trip Knowledge: 84. Trip Skills: 85. Trip Attitudes: 86. Trip Behaviors: 87. Trip Values: 88. Trip Beliefs: 89. Trip Opinions: 90. Trip Feelings: 91. 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LICENCE NO. WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

YEAR 2005 MONTH 9 DAY 21

RIG NO. 58

LAST CHSNG TUBING OR LIFTER

MASS GRADE MINIMUM I.D. TYPE THREAD NO. OF JOINTS PUMP TYPE PUMP MANUFACTURER STROKE LENGTH

DRILLER SIGNATURE KEVIN VANDENBRAND

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER GARY PATRICK (RM) RIG NO. 58

PROVINCE N.W.T. CAMP X YES NO NO. SAFETY DAYS 2729

MORNING TOUR

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND 8

DERRICK HAND SHAWN WATSON 8

MOTOR HAND GREG ST. ARNAUD 8

FLOOR HAND JUSTIN MILLER 8

FLOOR HAND JASON SMITH 8

LEASE HAND DAVID FRANKLIN 8

DAY TOUR

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND 8

DERRICK HAND SHAWN WATSON 8

MOTOR HAND GREG ST. ARNAUD 8

FLOOR HAND JUSTIN MILLER 8

FLOOR HAND JASON SMITH 8

LEASE HAND DAVID FRANKLIN 8

EVENING TOUR

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH 8

ASSIST DRILLER KEVIN LAUCK 8

DERRICK HAND VIRGIL NANAQUAWETUNG 8

MOTOR HAND DERWIN KOTCHEA 8

FLOOR HAND MOISE PUNCH 8

FLOOR HAND SEAN WOLOSCH 8

LEASE HAND ALEX MILIC 8

LICENCE NO. WELL NAME & NO. **PARAMOUNT ET AL LIARD K-29A**

OPERATOR **PARAMOUNT RESOURCES LTD.** **CONTRACTOR NAME** **AKITA DRILLING LTD.**

SURFACE LOCATION **UNIQUE ID**

SIGNATURE OF OPERATOR'S REPRESENTATIVE **SIGNATURE OF CONTRACTOR'S RIG MANAGER**

CHECKS:
(1) Daily Walk Around Inspection
(2) Detailed Inspection - Weekly (Using Check List)
(3) HSE Signs Posted & Enforced
(4) HSA License & Sign Displayed Properly
(5) Fera Lines Stated
(6) BOP Data Performed
(7) Visually Inspect BOPe: Fera Lines & Engage Lines
(8) Rig Site Health & Safety Meeting (participants)
(9) CADC Rig Safety Inspection Checklist (participants)
(10) Meet inspection before Release or Lowering
(11) Cover Saver Checked
(12) Motor Kils Checked

YEAR 2005 **MONTH** 9 **DAY** 20

RIG NO. 144 **FUEL @ 60 GPM** BOILER

TEMPERATURE **CURRENT CONDITIONS** **WIND DIRECTION** **WIND SPEED** **MOON PHASE** **MOON AGE** **MOON SET** **MOON RISE**

D.O. (mm) **M.V.D. (mm)** **MASS (kg/m³)** **GRADE** **NO. OF JOINTS** **TOTAL LENGTH** **KID TO CSG HEAD** **SET AT (m)**

DC/DI SIZE **DP** **MASS** **GRADE** **M.P.H.M. I.D.** **J.T. INT. O.D.** **TYPE THREAD** **NO. OF JOINTS** **PUMP TYPE** **PUMP MANUFACTURER** **STROKE LENGTH**

DRILLING CREW PAYROLL DATA

WELL NAME & NO. **PARAMOUNT ET AL LIARD K-29A** **YEAR** 2005 **MONTH** 9 **DAY** 20

OPERATOR **PARAMOUNT RESOURCES LTD.** **CONTRACTOR NAME** **AKITA DRILLING LTD.**

RIG MANAGER **DAVE LAUCK** **RIG NO.** 58

PROVINCE **N.W.Y.** **CAMP** ☒ YES ☐ NO **RIG SAFETY DAYS** 2728

DRILLING CREW PAYROLL DATA

WELL NAME & NO. **PARAMOUNT ET AL LIARD K-29A** **YEAR** 2005 **MONTH** 9 **DAY** 20

OPERATOR **PARAMOUNT RESOURCES LTD.** **CONTRACTOR NAME** **AKITA DRILLING LTD.**

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OPERATOR **PARAMOUNT RESOURCES LTD.** **CONTRACTOR NAME** **AKITA DRILLING LTD.**

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DRILLING CREW PAYROLL DATA

WELL NAME & NO. **PARAMOUNT ET AL LIARD K-29A** **YEAR** 2005 **MONTH** 9 **DAY** 20

OPERATOR **PARAMOUNT RESOURCES LTD.** **CONTRACTOR NAME** **AKITA DRILLING LTD.**

RIG MANAGER **DAVE LAUCK** **RIG NO**

Well Name: Paramount Et Al Liard K-29A

Contractor Name: Akita Drilling Ltd.

Operator: Paramount Resources Ltd.

Surface Location: Unique ID

Signature of Operator's Representative: Signature of Contractor's Rig Manager

Drilling Crew Payroll Data

Drilling Crew: Mark Zahoda, Kevin Lauck, Doug Christie, Kenneth Lauck, Bill Hetherington, Moses Lord, Freddy Carpenter

Drilling Crew: Kevin Vandenberg, Shawn Watson, Greg St. Arnaud, Justin Miller, Jason Smith, David Franklin

Drilling Crew: Mark Zahoda, Kevin Lauck, Doug Christie, Kenneth Lauck, Bill Hetherington, Moses Lord, Freddy Carpenter

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Form containing multiple sections: License No., Well Name, Operator, Surface Location, Signature of Operator's Representative, Contractor Name, Unique ID, Signature of Contractor's Rig Manager, Daily Checks, Drilling Log, Mud Record, Solids Control, Time Log, Drilling Crew Payroll Data, Morning Tour, Day Tour, Evening Tour, and various safety and operational notes.

LICENCE NO. WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

SURFACE LOCATION: SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS: (1) Daily Work Around Inspection (2) Drilled Inspection - Weekly (Using Check List) (3) 1 HSE Site Patrol (4) 1 Well Licence & Suck Diagram Patrol (5) 1 Well Lines Staked (6) 1 ROP Data Performed (7) 1 Visually Inspect BOP: Fire Lines & Degasser Lines (8) 1 Rig Site Health & Safety Meeting (Contractor/Client) (9) 1 CADC Rig Safety Inspection Checklist (Contractor/Client) (10) 1 Motor Inspection Before Running or Lowering (11) 1 Crown Saver Checked (12) 1 Motor Safe Checked

YEAR: 2005 MONTH: 9 DAY: 18

RIG NO: 58 FUEL: 20.00 HRS

TEMPERATURE: 90 DEGREES C

WIND DIRECTION: CLEAR

ROAD CONDITION: ROUGH

LAST CASING TUBING OR LINER: 127 29.02 E2

GRADE: 29.02 E2

MIN ID: 38.10 E3

MASS: 74.35 HWOP

NO. OF JOINTS: 4.9F 17

PUMP TYPE: F-1000 EMSCO

PUMP MANUFACTURER: EMSCO

STROKE LENGTH: 254

SPUD DATE: 2005/09/18

RIG RELEASE: 2005/09/18

WELL TYPE: DIR

OPERATOR'S AFE: YES

CONTRACTOR'S AFE: YES

WELL BEING: 6.8

CONTRACTOR'S JOB NO: AKTASB 20050918_1B

YOUR SHEET BEARING: EDR 3-1-4 MP2 ETS 2.2

VENDOR SOFTWARE VERSION: EDR 3-1-4 MP2 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO: PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

RIG NO: 58

PROVINCE: N.W.T. CAMP: X YES NO NO SAFETY DAYS: 2726

RATE SCHEDULE: REGULAR REPAIR X INVERT

CREW SAFETY DAYS: 10

DAY TOUR: FROM 800 TO 1600 INJURIES

CREW: CREW SOC INS. NO. NAME HRS YES NO

DRILLER: MARK ZAHODA 8 MZ

ASSIST DRILLER: KEVIN LAUCK 8 KL

DERRICK HAND: DOUG CHRISTIE 8 DC

MOTOR HAND: KENNETH LAUCK 8 KL

FLOOR HAND: BILL HETHERINGTON 8 BH

FLOOR HAND: MOSES LORD 8 ML

LEASE HAND: FREDDY CARPENTER 8 FC

RATE SCHEDULE: REGULAR REPAIR X INVERT

CREW SAFETY DAYS: 2726

DAY TOUR: FROM 1600 TO 2400 INJURIES

CREW: CREW SOC INS. NO. NAME HRS YES NO

DRILLER: MARK ZAHODA 8 MZ

ASSIST DRILLER: KEVIN LAUCK 8 KL

DERRICK HAND: DOUG CHRISTIE 8 DC

MOTOR HAND: KENNETH LAUCK 8 KL

FLOOR HAND: BILL HETHERINGTON 8 BH

FLOOR HAND: MOSES LORD 8 ML

LEASE HAND: FREDDY CARPENTER 8 FC

RATE SCHEDULE: REGULAR REPAIR X INVERT

CREW SAFETY DAYS: 2726

[illegible]

[illegible]

[illegible]

Well Name: PARAMOUNT ET AL LIARD K-29A
Operator: PARAMOUNT RESOURCES LTD.
Contractor Name: AKITA DRILLING LTD.
Rig No: 126
Date: 2005-09-16
Location: SURFACE LOCATION
Drilling Crew Payroll Data: Morning Tour (800-1600), Day Tour (800-1600), Evening Tour (1600-2400)
Includes detailed logs for Mud Record, Solids Control, and Driller Signatures.

[illegible]

Well Name: PARAMOUNT ET AL LIARD K-29A

Operator: PARAMOUNT RESOURCES LTD.

Contractor Name: AKITA DRILLING LTD.

Drilling Crew Payroll Data

Drilling Crew: MARK ZAHODA, KEVIN LAUCK, DOUG CHRISTIE, KENNETH LAUCK, BILL HETHERINGTON, MOSES LORD, FREDDY CARPENTER

Drilling Tour: MORNING TOUR, DAY TOUR, EVENING TOUR

Drilling Log: 1. MOTOR, 2. X/O FLOAT, 3. MWD D.C., 4. TRANSMITTER SUB, 5. NMDC, 6. SPIRAL HWDP, 7. X.O., 8. JAR, 9. X.O., 10. H.W.D.P.

Drilling Log: 1. MOTOR, 2. X/O FLOAT, 3. MWD D.C., 4. TRANSMITTER SUB, 5. NMDC, 6. SPIRAL HWDP, 7. X.O., 8. JAR, 9. X.O., 10. H.W.D.P.

Drilling Log: 1. MOTOR, 2. X/O FLOAT, 3. MWD D.C., 4. TRANSMITTER SUB, 5. NMDC, 6. SPIRAL HWDP, 7. X.O., 8. JAR, 9. X.O., 10. H.W.D.P.

LICENCE NO.

WELL NAME & NO.

PARAMOUNT ET AL LIARD K-29A

OPERATOR

PARAMOUNT RESOURCES LTD.

SURFACE LOCATION

SIGNATURE OF OPERATOR'S REPRESENTATIVE

CONTRACTOR NAME

AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

(1) Daily Walk Around Inspection

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

(3) HES Sign Posted if Required

(4) Well Licence & Stick Diagram Posted

(5) Flow Lines Started

(6) ROP Data Performed

(7) Visually Inspect ROPs - Flow Lines & Degasser Lines

(8) ROP Data Performed

(9) Rig Site Health & Safety Meeting (Contractor/Client)

(10) CAODC Rig Safety Inspection Checklist (Monthly)

(11) Metal Inspection before Raising or Lowering

(12) Crown Saver Checked

(13) Motor Ribs Checked

YEAR

2005

MONTH

9

DAY

15

RIG NO.

58

LAST CASING TUBING OR LIP CR

CONTRACTOR'S RIG NO.

144

TEMPERATURE

9

TOURMENT CONDITIONS

DP

WIND DIRECTION

DP

ROAD CONDITION

DP

WELL ID.

27

MASS

29.02

GRADE

E2

MINIMUM I.D.

38.10

T. INT.

4.5

TYPE

4.5

NO. OF JOINTS

169

PUMP TYPE

F-1000

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

254

NO. OF JOINTS

170

PUMP TYPE

F-1000

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

254

CAODC

PASON

CODE NO.

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DRILLING CREW PAYROLL DATA

WELL NAME & NO.

PARAMOUNT ET AL LIARD K-29A

YEAR

2005

MONTH

9

DAY

15

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

AKITA DRILLING LTD.

RIG MANAGER

RIG NO.

58

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

2723

RATE SCHEDULE

REGULAR

REPAIR

X

INVERT

CREW SAFETY DAYS

7

DAY TOUR

FROM 800

TO 1600

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

MARK ZAH

LICENSE NO.

WELL NAME & NO.

PARAMOUNT ET AL LIARD K-29A

CONTRACTOR NAME

PARAMOUNT RESOURCES LTD.

AKITA DRILLING LTD.

SURFACE LOCATION

UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

1. Daily Walk Around Inspection

2. Detailed Inspection - Weekly (Using Check List)

3. Rig Safety Protocol if Required

4. Well Location & Block Diagram Plotted

5. Flare Lines Status

6. BOP Daily Performance

7. Visually Inspected BOP, Flare Lines & Driller Lines

8. Rig Site Health & Safety Meeting (on-site/monthly)

9. CAODC Rig Safety Inspection Checklist (on-site/monthly)

10. Mast Inspection before Raising or Lowering

11. Crown Saver Checked

12. Motor Rotor Checked

YEAR

MONTH

DAY

LAST CASING

LAST LOG

LAST RIG

DRILLING

LOG

OR

LINE

TEMPERATURE

CURRENT

COOLING

WIND DIRECTION

WIND SPEED

ROUGH CONDITION

Q.D. (mm)

MIN. (mm)

MASS (kg/m3)

GRADE

NO. OF JOINTS

TOTAL LENGTH

NO. TO CSG HEAD

SET AT (m)

DRILLING

LOG

OR

LINE

TEMPERATURE

CURRENT

COOLING

WIND DIRECTION

WIND SPEED

ROUGH CONDITION

Q.D. (mm)

MIN. (mm)

MASS (kg/m3)

GRADE

NO. OF JOINTS

TOTAL LENGTH

NO. TO CSG HEAD

SET AT (m)

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

2722

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO.

PROVINCE

CAMP

<

LICENCE NO. WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION 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) HSE Signage Posted & Inspected (4) Well Licence & Risk Diagram Posted (5) Flare Line Tested (6) BOPD Date Performed (7) Visually Inspect BOP's Flare Line & Engage Line (8) Rig Site Health & Safety Meeting (on/afternoon) (9) CAODC Rig Safety Inspection Checklist (on/afternoon) (10) Inspect Inspection before Drilling or Lining (11) Crown Saver Checked (12) Motor Mile Checked

YEAR 2005 MONTH 9 DAY 13

LAST CASING TUBING OR LINER

NO. OF JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m)

SPUD DATE: TIME: RIG PREPARE: TIME: WELLY TYPE: DIR. DEPTH: YES

OPERATOR'S NAME: KELLY 8390 6.8 100% FUEL

CONTRACTOR'S JOB NO. AKTASR 20050913_1B

FORM DRILLING CREW PAYROLL

VEHICLE SOFTWARE VERSION: EDR 3-14 W2ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A YEAR 2005 MONTH 9 DAY 13

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER DAVE LAUCK RIG NO. 88

PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 2721

MORNING TOUR FROM 0 TO 800 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH 10 AL

DERRICK HAND VIRGIL NANAQUAWETUNG VN

MOTOR HAND DERWIN KOTCHEA 10 DK

FLOOR HAND MOISE PUNCH 10 MP

FLOOR HAND JONATHAN GREEN 10 JG

LEASE HAND BRIAN JULIAN 10 BJ

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

5

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER MARK ZAHODA 12 MZ

ASSIST DRILLER KEVIN LAUCK 12 KL

DERRICK HAND DUG CHRISTIE 12 DC

MOTOR HAND KENNETH LAUCK 12 KL

FLOOR HAND BILL HETHERINGTON 12 BH

FLOOR HAND MOSES LORD 12 ML

LEASE HAND FREDDY CARPENTER 12 FC

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

32

EVENING TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND 8 KV

DERRICK HAND SHAWN WATSON 8 SW

MOTOR HAND GREG ST. ARNAUD 8 GS

FLOOR HAND JUSTIN MILLER 8 JM

FLOOR HAND JASON SMITH 8 JS

LEASE HAND DAVID FRANKLIN 8 DF

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

2721

LICENCE NO. WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS: (1) Daily Work Around Inspection, (2) Detailed Inspection - Weekly (Using Check List), (3) VCS Signs Posted & Inspected, (4) Well Leases & Stock Diagrams Posted, (5) Fire Line Status, (6) ROP Data Performance, (7) Visually Inspect BOP: Fire Lines & Depress Lines, (8) CADC Rig Side Inspection Checklist (overnight), (9) Most Inspection before Raising or Lowering, (10) Crown Saver Check, (11) Motor Kib Check

YEAR 2005 MONTH 9 DAY 12

LAST CASING TUBING OR LINEP

TEMPERATURE: SURFACE CONDITIONS, CLEAR, WIND DIRECTION, ROAD CONDITION

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

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER DAVE LAUCK

PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 2720

MORNING TOUR FROM 0 TO 800

CREW: DRILLER ALLAN LICKOCH, DERRICK HAND VIRGIL NANAQUAWETUNG, MOTOR HAND DERWIN KOTCHEA, FLOOR HAND MOISE PUNCH, FLOOR HAND JONATHAN GREEN, LEASE HAND BRIAN JULIAN

DAY TOUR FROM 800 TO 1600

CREW: DRILLER MARK ZAHODA, ASSIST DRILLER KEVIN LAUCK, DERRICK HAND DOUG CHRISTIE, MOTOR HAND KENNETH LAUCK, FLOOR HAND BILL HETHERINGTON, FLOOR HAND MOSES LORD, LEASE HAND FREDDY CARPENTER

EVENING TOUR FROM 1600 TO 2400

CREW: DRILLER ALLAN LICKOCH, DERRICK HAND VIRGIL NANAQUAWETUNG, MOTOR HAND DERWIN KOTCHEA, FLOOR HAND MOISE PUNCH, FLOOR HAND JONATHAN GREEN, LEASE HAND BRIAN JULIAN

DRILLER SIGNATURE: ALLAN LICKOCH

DRILLER SIGNATURE: MARK ZAHODA

DRILLER SIGNATURE: ALLAN LICKOCH

Form containing multiple sections: OPERATOR (PARAMOUNT ET AL LIARD K-29A), CONTRACTOR NAME (AKITA DRILLING LTD.), SIGNATURE OF OPERATOR'S REPRESENTATIVE (MILES PYRET), SIGNATURE OF CONTRACTOR'S RIG MANAGER (DAVE LAUCK), and various data tables including MILES PYRET, MUD RECORD, METRES DRILLED, TIME LOG, and DRILLING CREW PAYROLL DATA.

Well Name & No. PARAMOUNT ET AL LIARD K-29A

Operator PARAMOUNT RESOURCES LTD. Contractor Name AKITA DRILLING LTD.

Signature of Operator's Representative MILES PYRET Signature of Contractor's Rig Manager DAVE LAUCK

Drilling Crew Payroll Data

Drilling Assembly (at end of tour) Bit Record Day Tour Mud Record Metres Drilled Time Log

Drilling Assembly (at end of tour) Bit Record Day Tour Mud Record Metres Drilled Time Log

Drilling Assembly (at end of tour) Bit Record Evening Tour Mud Record Metres Drilled Time Log

[illegible]

LICENCE NO. WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION MILES PYRET SIGNATURE OF OPERATOR'S REPRESENTATIVE MILES PYRET SIGNATURE OF CONTRACTOR'S RIG MANAGER DAVE LAUCK

DAILY CHECKS: (1) Daily Walk Around Inspection, (2) Detailed Inspection - Weekly (Using Check List), (3) HSE Sign Placed if Required, (4) Well Licence & Block Diagram Posted, (5) Flow Line Status, (6) HOP Data Performed, (7) Weekly Inspect SOPs: Flow Lines & Engage Lines, (8) Rig Site Health & Safety Meeting (on-site/remote), (9) CADC Rig Safety Inspection Checklist (on-site/remote), (10) Well Inspection before Raising or Lowering, (11) Crown Saver Checked, (12) Motor Kils Checked

DRILLING CREW PAYROLL DATA: WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A, YEAR 2005, MONTH 9, DAY 8, OPERATOR PARAMOUNT RESOURCES LTD., CONTRACTOR NAME AKITA DRILLING LTD., RIG MANAGER DAVE LAUCK, RIG NO. 58, PROVINCE N.W.T., CAMP YES, NO, RIG SAFETY DAYS 2716

DRILLING ASSEMBLY (AT END OF TOUR) BIT RECORD, MORNING TOUR, MUD RECORD, METRES DRILLED, TIME LOG

DRILLING ASSEMBLY (AT END OF TOUR) BIT RECORD, DAY TOUR, MUD RECORD, METRES DRILLED, TIME LOG

DRILLING ASSEMBLY (AT END OF TOUR) BIT RECORD, EVENING TOUR, MUD RECORD, METRES DRILLED, TIME LOG

LICENCE NO. WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

SURFACE LOCATION MILES PYRET

SIGNATURE OF OPERATOR'S REPRESENTATIVE DAVE LAUCK

SIGNATURE OF CONTRACTOR'S RIG MANAGER DAVE LAUCK

DAILY CHECKS

YEAR 2005 MONTH 9 DAY 7

LAST CASING TUBING OR LIFTER

OD. (mm) MWLD. (mm) MASS (kg/m3) MAKE GRADE NO. OF JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m)

SPUD DATE TIME

WELL TYPE DIR. RE-SWITCH YES

OPERATORS AFR. KELLY SHVD. 6.8

CONTINGENCY FOR AFR. AKTASB_20050907_1E

YOUR SHEET SERIAL NUM. EDR 3-1-4-1F2 ETS 2.2

VEHICLE SOFTWARE VERSION

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A YEAR 2005 MONTH 9 DAY 7

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME AKITA DRILLING LTD.

RIG MANAGER DAVE LAUCK

PROVINCE N.W.T. CAMP YES NO RIG SAFETY DAYS 2715

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH 8 AL

DERRICK HAND VIRGIL NANAQUAWETUNG 8 VN

MOTOR HAND DERWIN KOTCHEA 8 DK

FLOOR HAND MOISE PUNCH 8 MP

FLOOR HAND JONATHAN GREEN 8 JG

LEASE HAND BRIAN JULIAN 8 BJ

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

DAY TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH 4 AL

DERRICK HAND VIRGIL NANAQUAWETUNG 4 VN

MOTOR HAND DERWIN KOTCHEA 4 DK

FLOOR HAND MOISE PUNCH 4 MP

FLOOR HAND JONATHAN GREEN 4 JG

LEASE HAND BRIAN JULIAN 4 BJ

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

DAY TOUR FROM 800 TO 1600 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER MARK ZAHODA 12 MZ

ASSIST DRILLER KEVIN LAUCK 12 KL

DERRICK HAND DOUG CHRISTIE 12 DC

MOTOR HAND KENNETH LAUCK 12 KL

FLOOR HAND BILL HETHERINGTON 12 BH

FLOOR HAND MOSES LORD 12 ML

LEASE HAND FREDDY CARPENTER 12 FC

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

DAY TOUR FROM 1600 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER ALLAN LICKOCH 4 AL

DERRICK HAND VIRGIL NANAQUAWETUNG 4 VN

MOTOR HAND DERWIN KOTCHEA 4 DK

FLOOR HAND MOISE PUNCH 4 MP

FLOOR HAND JONATHAN GREEN 4 JG

LEASE HAND BRIAN JULIAN 4 BJ

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS

LICENCE NO. WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD.

SURFACE LOCATION: MILES PYRET SIGNATURE OF OPERATOR'S REPRESENTATIVE: DAVE LAUCK SIGNATURE OF CONTRACTOR'S RIG MANAGER: DAVE LAUCK

DAILY CHECKS: (1) Only Wash Around Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) HSE Signs Posted & Reviewed (4) Well Licence & Stock Diagram Posted (5) Flare Line Tested (6) HOP Data Performed (7) Visually Inspect BOP's Flare Lines & Engage Lines (8) CADC Rig Safe Inspection Checklist (annexure 1) (9) Inspect Inspection before Raising or Lowering (10) Crown Saver Checked (11) Motor Kill Checked

DRILLING LOG: YEAR 2005 MONTH 9 DAY 6. LOG NO. 58. RIG NO. 115. TEMPERATURE: 115.0. PRESSURE: 115.0. DENSITY: 1.15. FUNNEL VISCOSITY: 115.0. FLUID LOSS: 115.0. PH: 115.0. PVT: 115.0.

DRILLING CREW PAYROLL DATA: WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A. YEAR 2005 MONTH 9 DAY 6. OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: AKITA DRILLING LTD. RIG MANAGER: DAVE LAUCK. RIG NO. 58. PROVINCE: N.W.T. CAMP: YES. NO. RIG SAFETY DAYS: 2714.

MORNING TOUR: CREW: KEVIN VANDENBRAND. SOC INS. NO. NAME: KEVIN VANDENBRAND. HRS: 10. YES: NO. DRILLER: KEVIN VANDENBRAND. DERRICK HAND: SHAWN WATSON. MOTOR HAND: GREG ST. ARNAUD. FLOOR HAND: JUSTIN MILLER. FLOOR HAND: JASON SMITH. LEASE HAND: DAVID FRANKLIN.

DAY TOUR: CREW: ALLAN LICKOCH. SOC INS. NO. NAME: ALLAN LICKOCH. HRS: 10. YES: NO. DRILLER: ALLAN LICKOCH. DERRICK HAND: VIRGIL NANAQUAWETUNG. MOTOR HAND: DERWIN KOTCHEA. FLOOR HAND: MOISE PUNCH. FLOOR HAND: JONATHAN GREEN. LEASE HAND: BRIAN JULIAN.

EVENING TOUR: CREW: MARK ZAHODA. SOC INS. NO. NAME: MARK ZAHODA. HRS: 8. YES: NO. DRILLER: MARK ZAHODA. ASSIST DRILLER: KEVIN LAUCK. DERRICK HAND: DOUG CHRISTIE. MOTOR HAND: KENNETH LAUCK. FLOOR HAND: BILL HETHERINGTON. FLOOR HAND: MOSES LORD. LEASE HAND: FREDDY CARPENTER.

Form containing well logs, rig data, and crew information. Includes sections for: WELL NAME & NO., OPERATOR, CONTRACTOR NAME, DAILY CHECKS, RIG DATA, LOGS, and CREW SAFETY DAYS.

Form containing various sections: LIGENCE NO, WELL NAME & NO., OPERATOR, CONTRACTOR NAME, DAILY CHECKS, RIG NO, DATE, TIME, DAILY LOG, MUD RECORD, METRES DRILLED, TIME LOG, and CREW SAFETY DAYS. The form is divided into multiple columns and rows, with specific data entry fields for each section.



PASON

Well Name: PARAMOUNT ET AL LIARD K-29A
Operator: PARAMOUNT RESOURCES LTD.
Contractor Name: AKITA DRILLING LTD.
Rig Manager: GARY PATRICK (RM)
Miles Pyret
Daily Checks: 1) Daily Walk Around Inspection, 2) Detailed Inspection - Weekly (Using Check List), 3) HSE Sign Posting & Required, 4) Well License & Stock Diagram Posted, 5) Flare Line Status, 6) BOP Date Performed, 7) Visually Inspect 90°s - Flare Line & Degasser Lines, 8) Rig Site Health & Safety Meeting (onshore/offshore), 9) CAODC Rig Safety Inspection Checklist (onshore/offshore), 10) Meet Inspection before Raising or Lowering, 11) Crown Saver Checked, 12) Motor Kilo Checked



Table with 26 columns: 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. Rows include Morning, Day, Eve, and Total.

BIT RECORD, MORNING TOUR, MUD RECORD, METRES DRILLED, TIME LOG. Includes sections for Mud Materials Added, Solids Control, Circulation Pressure, Pump No. 1 & 2, and Deviation Surveys.

BIT RECORD, DAY TOUR, MUD RECORD, METRES DRILLED, TIME LOG. Includes sections for Mud Materials Added, Solids Control, Circulation Pressure, Pump No. 1 & 2, and Deviation Surveys.

BIT RECORD, EVENING TOUR, MUD RECORD, METRES DRILLED, TIME LOG. Includes sections for Mud Materials Added, Solids Control, Circulation Pressure, Pump No. 1 & 2, and Deviation Surveys.

DRILLING CREW PAYROLL DATA. Table with columns: WELL NAME & NO, OPERATOR, RIG MANAGER, PROVINCE, CAMP, YES/NO, RIG NO, RIG SAFETY DAYS, CREW, SOC INS. NO., NAME, HRS, YES, NO, INJURIES. Includes sections for Morning Tour, Day Tour, Evening Tour, and Crew Safety Days.

Well Name: PARAMOUNT ET AL LIARD K-29A
Operator: PARAMOUNT RESOURCES LTD.
Contractor: AKITA DRILLING LTD.
Miles Pyret
Daily Checks: 1) Daily Work Around Inspection, 2) Detailed Inspection - Weekly (Using Check List), 3) HSE Sign Posted if Required, 4) Well Location & Back Diagram Posted, 5) Flow Lines Shaded, 6) BOP Data Reviewed, 7) Visually Inspect BOPs - Flow Lines & Dogear Lines, 8) Rig Site Health & Safety Meeting (once a month), 9) CAODC Rig Safety Inspection Checked (once a month), 10) Meet Inspector before Raising or Lowering, 11) Crown Saver Checked, 12) Motor Kite Checked.
Drilling Crew Payroll Data: Crew members include Kevin VanDenBrand, Shawn Watson, Greg St.Arnaud, Justin Miller, Jason Smith, David Franklin, Allan Lickoch, Virgil Nanaquawetung, Derwin Kotchea, Moise Punch, Jonathan Green, Brian Julian.

Well Name: PARAMOUNT ET AL LIARD K-29A

Operator: PARAMOUNT RESOURCES LTD.

Contractor Name: AKITA DRILLING LTD.

Signature of Operator's Representative: MILES PYRET

Signature of Contractor's Rig Manager: GARY PATRICK (RM)

Drilling Crew Payroll Data

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		KEVIN VANDENBRAND	8		KV
DERRICK HAND		SHAWN WATSON	8		SW
MOTOR HAND		GREG ST. ARNAUD	8		GS
FLOOR HAND		JUSTIN MILLER	8		JM
FLOOR HAND		JASON SMITH	8		JS
LEASE HAND		DAVID FRANKLIN	8		DF

Drilling Crew Payroll Data

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		ALLAN LICKOCH	12		AL
DERRICK HAND		VIRGIL NANAQUAWETUNG			VN
MOTOR HAND		DERWIN KOTCHEA	12		DK
FLOOR HAND		MOISE PUNCH	12		MP
FLOOR HAND		JONATHAN GREEN	12		JG
LEASE HAND		BRIAN JULIAN	12		BJ

Drilling Crew Payroll Data

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		KEVIN VANDENBRAND	4		KV
DERRICK HAND		SHAWN WATSON	4		SW
MOTOR HAND		GREG ST. ARNAUD	4		GS
FLOOR HAND		JUSTIN MILLER	4		JM
FLOOR HAND		JASON SMITH	4		JS
LEASE HAND		DAVID FRANKLIN	4		DF

PASON

DRILLING CREW PAYROLL DATA									
WELL NAME & NO		PARAMOUNT ET AL LIARD K-29A		YEAR	2005	MONTH	8	DAY	30
OPERATOR		PARAMOUNT RESOURCES LTD.		CONTRACTOR NAME		AKITA DRILLING LTD.			
RIG MANAGER		DAVE LAUCK		RIG NO		58			
PROVINCE		N.W.T.		CAMP	☒ YES ☐ NO	RIG SAFETY DAYS			
						2707			

MORNING TOUR		FROM	0	TO	800	INJURIES	
CREW	SOC INS. NO.		NAME	HRS		YES	NO
DRILLER			BRIAN WYATT	10			BW
ASSIST DRILLER			KEVIN LAUCK	10			KL
MOTOR HAND			KENNETH LAUCK	10			KL
LEASE HAND			FREDDY CARPENTER	10			FC
FLOOR HAND			JASON SMITH	10			JS
FLOOR HAND			BILL HETHERINGTON	10			BH
DERRICK HAND			DOUG CHRISTIE	10			DC
RATE SCHEDULE		REGULAR		REPAIR	X		INVERT
CREW SAFETY DAYS			DRIVERS				
18							

[illegible][illegible]

LICENCE NO. WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR AKITA DRILLING LTD.

SURFACE LOCATION UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

YEAR 2005 MONTH 8 DAY 29

LAST CASING TUBING OF LINER

FUEL @ 08:00 HRS

TEMPERATURE

CURRENT CONDITIONS

WIND DIRECTION

ROAD CONDITION

SHAPE SHAKER (S)

RENTALS / SERVICES

MORNING

DAY

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

YEAR 2005 MONTH 8 DAY 29

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR AKITA DRILLING LTD.

RIG MANAGER DAVE LAUCK RIG NO. 58

PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 2706

MORNING TOUR FROM 800 TO 2000 INJURED

CREW SOC INS. NO. NAME HRS YES NO

DRILLER KEVIN VANDENBRAND 12 KV

DERRICK HAND SHAWN WATSON 12 SW

MOTOR HAND GREG ST. ARNAUD 12 GS

FLOOR HAND JUSTIN MILLER 12 JM

FLOOR HAND JASON SMITH 12 JS

LEASE HAND BRIAN JULIAN 12 BJ

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS BRIAN WYATT

17 AL KOZAKIEWICH

DAY TOUR FROM 2000 TO 800 INJURED

CREW SOC INS. NO. NAME HRS YES NO

DRILLER BRIAN WYATT 12 BW

ASSIST DRILLER KEVIN LAUCK 12 KL

DERRICK HAND DOUG CHRISTIE 12 DC

MOTOR HAND KENNETH LAUCK 12 KL

LEASE HAND FREDDY CARPENTER 12 FC

FLOOR HAND MOSES LORD 12 ML

FLOOR HAND BILL HETHERINGTON 12 BH

RATE SCHEDULE REGULAR REPAIR X INVERT

CREW SAFETY DAYS DRIVERS BRIAN WYATT

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LICENCE NO.

WELL NAME & NO.

PARAMOUNT ET AL LIARD K-29A

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR

AKITA DRILLING LTD.

SURFACE LOCATION

UNIQUE ID

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.) HSB Sign Posted if Required

(4.) Well Licence & Stick Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Drills Performed

(7.) Visually Inspect BOP's Flare Lines & Degreaser Lines

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

(9.) CADC Rig Safety Inspection Checklist (once a month)

(10.) Mast Inspection before Raising or Lowering

(11.) Crown Saver Checked

(12.) New Mile Check at

YEAR

2005

MONTH

8

DAY

27

LAST CASING TUBING OR LINER

RIG NO.

58

FUEL @ 08:00 HRS

TEMPERATURE

DC OP

DC IP

MASS

GRADE

MINIMUM ID

T. AT. O.D.

TYPE THREAD

NO. OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

DC OP

DC IP

MASS

GRADE

MINIMUM ID

T. AT. O.D.

TYPE THREAD

NO. OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

OPERATOR'S R.F.D.

KELLY BIND

6.8

OP FUEL

CONTRACTOR'S JOB NUM

AKTAS8_20050827_18

YOUR SHEET SERIAL NUM

EDR_3-1-4_HF2 ETS 2.2

VENDOR SOFTWARE VERSION

CAODC

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CODE NO.

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TOTAL MJ

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MORNING

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DAY

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LICENCE NO. WELL NAME & NO. PARAMOUNT ET AL LIARD K-29A

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR: AKITA DRILLING LTD.

SURFACE LOCATION: UNIQUE ID:

SIGNATURE OF OPERATOR'S REPRESENTATIVE: SIGNATURE OF CONTRACTOR'S RIG MANAGER:

DAILY CHECKS: (1.) Daily Well Around Inspection (2.) Drilled Inspection - Weekly (Using Check List) (3.) J-Box Signs Posted / Reviewed (4.) Well License & Stock Diagram Posted (5.) Flow Lines Staked (6.) BOP Drills Performed (7.) Visually Inspect BOPs: Flow Lines & Degasser Lines (8.) Rig Site Health & Safety Meeting (onshore/offshore) (9.) CADC Rig Side Inspection Checklist (onshore/offshore) (10.) Mast Inspection before Raising or Lowering (11.) Crown Saver Checked (12.) Motor Valve Checked

YEAR: 2005 MONTH: 8 DAY: 26

RIG NO. 58 FUEL @ 08:00 HRS

TEMPERATURE: 124 °C

CURRENT CONDITIONS: DP 127 29.02 E2

WIND DIRECTION: ROAD CONDITION:

LAST CASING TUBING OR LINER: O.D. (mm) MIN ID (mm) MASS (kg/m) MAKE GRADE NO. OF JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m)

NO. OF JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m)

STROKE LENGTH: 254

STROKE LENGTH: 254

WELL TYPE: DIR. SIDERARY: YES

OPERATOR'S APP: KELLY B310 6.6 OF FUEL

CONTRACTOR'S JOE: AKTAS8_20050826_1B

TOUR: EDR_3-14_HF2 ETS 2.2



PASON

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		MORNING	DAY	
	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	NPPLUP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO. TYPE 2 Demand FLC	TYPE Demand FLC	TOTAL MJ			
																													SCREENS CHANGED	NEW USED	ACCUM MJ			
																													TOP	TOP				
MORN		9.25					0.25			2.5																	12.00	175	175	ACCUM MJ	162	58		
DAY		9.75					0.25			1.75											0.25						12.00	175	MIDDLE	175	MIDDLE	MJ SLC	162	58
TOTAL		19.00					0.50			4.25											0.25						24.00	175	BOTTOM	175	BOTTOM	ACCUM OIL LEVEL	.32	

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD	MORNING TOUR	MUD RECORD	METRES DRILLED	TIME LOG
1	BIT	25	BIT NO. 1	MUD TYPE Invert	WATER BASED ☐ OIL BASED ☒	FROM TO D.P.C. RPM WOB	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
1	MOTOR	159 8.35	SIZE 216	TIME	800 1000 1400	1992.74 1996.74 D 0 9	800 1115 3.25 2 DRILL F/ 1944m to 1964m
1	X/O FLOAT	163 8.4	WDC CODE	DENSITY (kg/m3)	940 940 940	1996.74 2002.09 D 0 12	1115 1130 0.25 7 RIG SERVICE - FUNCTION TEST BOTTOM PIPE RAMS 6 sec/s
1	NMDC	163 9.14	MANUFACTURER HUGHES	FUNNEL VISCOSITY	42 43 43	2002.09 2004.09 D 0 10	1130 1730 6.00 2 DRILL F/ 1964m to 2026m
1	TRANSMITTER SUB	163 1.46	TYPE MX20G	FLUID LOSS (cm3)		2004.09 2011.43 D 0 10	1730 2000 2.50 10 ACCUMULATED SURVEY TIME
1	NMDC	168 9.47	SERIAL NO. 6038026	pH		2011.43 2014.43 D 0 10	
1	NMDC	168 9.47	SETS 3 X	PVT.m3	63.8	2014.43 2026 D 0 11	
2	SPIRAL HWDP	161 64.55	JETS 11.9	MUD MATERIALS ADDED			
1	X/O SUB	156 4.4	DEPTH OUT (m) 2026	PRODUCT	AMOUNT UNIT	CALCULATION PRESSURE kPa	PUMP NO. 1 PUMP NO. 2
1	JAR	162 5.51	DEPTH IN (m) 1859.73	GILSONITE	10 SX	7430	152 152 95
1	X/O SUB	160 50	TOTAL DRILLED (m) 166.27	Scalmax	10 SX	REDUCED PUMP SPEED	
17	H.W.D.P.	127 159.86	TOTAL HRS RUN 21.75	LIME	40 SX	2470 @ 1961 @ 50	
				Q-mud2	1 BBL	DEVIATION SURVEYS	
				Q-mud1	2 BBL	DEPTH (m) DEVIATION DIRECTION	
				CALCIUM CHLORIDE	10 SX	1957.62 28.7 21.2	
				VERSAMOD	2 BBL	1967.74 29.9 20.5	
52	DRILL PIPE STANDS	1779.92	HOLE DRAG 1-2 up & dn	HRS RUN 0	HRS RUN 0	1976.74 30.5 20.1	NOTES: CHECK CROWN SAVER, FASTLINE CLAMP, DEADLINE ANCHOR, BRAKES & LINKAGE
	DRILL PIPE SINGLES			SOILER pH	SOILER pH	1986.09 29.4 17.8	REVIEWED JSA # D-3 STAND CONNECTIONS W/ PIPE SCREEN, 1-4 MIX MUD.
	KELLY DOWN	23.56	TORQUE AT BOTTOM 4430	STACK TEMP	STACK TEMP	1995.43 28.2 14.6	D-47 PREPARE FLOOR FOR TRIP, E-3 CROWN SERVICE & INSPECTION (GREASED CROWN)
	TOTAL	2026.00	FILL ON BOTTOM (m) 0			2005.03 27.9 13.2	TOPIC OF THE WEEK - ELECTRICAL HAZARD HUNT, INSPECTION OF TRIPPING EQUIPMENT
	WT. OF D.C.	12					
	WT. OF STRING	75					

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD	DAY TOUR	MUD RECORD	METRES DRILLED	TIME LOG
1	BIT	25	BIT NO. 1	MUD TYPE	WATER BASED ☐ OIL BASED ☒	FROM TO D.P.C. RPM WOB	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
1	MOTOR	159 8.35	SIZE 216	TIME	1900 100 500	2026 2110 D 0 30 9	2000 2015 0.25 21 SAFETY MEETING TOPIC OF THE WEEK ELECTRICAL HAZARD HUNT
1	X/O FLOAT	163 8.4	WDC CODE	DENSITY (kg/m3)	945 950 950	2015 2130 3.25 2	2015 2330 3.25 2 DRILL FR 2026m TO 2048m
1	NMDC	163 9.14	MANUFACTURER HUGHES	FUNNEL VISCOSITY	42 43 45	2330 2345 0.25 7	2330 2345 0.25 7 RIG SERVICE FUNCTION UPPER PIPE RAMS C/O 5sec/s
1	TRANSMITTER SUB	163 1.46	TYPE MX20G	FLUID LOSS (cm3)		2345 615 6.50 2	2345 615 6.50 2 DRILL ACTUAL 2048m TO 2110m
1	NMDC	168 9.47	SERIAL NO. 6038026	pH		615 800 1.75 10	615 800 1.75 10 ACCUMULATED SURVEY TIME
1	NMDC	168 9.47	SETS 3 X	PVT	65.8 64.8 65		
2	SPIRAL HWDP	161 64.55	JETS 11.9	MUD MATERIALS ADDED			
1	X/O SUB	156 4.4	DEPTH OUT (m) 2110	PRODUCT	AMOUNT UNIT	CALCULATION PRESSURE kPa	PUMP NO. 1 PUMP NO. 2
1	JAR	162 5.51	DEPTH IN (m) 1859.73	Q-mud1	2 BBL	7380	152 152 95
1	X/O SUB	160 50	TOTAL DRILLED (m) 250.27	Q-mud2	1 BBL	REDUCED PUMP SPEED	
17	H.W.D.P.	127 159.86	TOTAL HRS RUN 31.5	LIME	30 SX	2920 @ 2048 @ 56	
				BARAGEL 3000	1 SX	DEVIATION SURVEYS	
				SAWDUST	5 SX	DEPTH (m) DEVIATION DIRECTION	
				AMMODRILL	3 M3	2014 27.7 30.0	
						2039 27.0 12.0	
						2033 26.6 11.3	
						2042 27.3 10.1	
						2052 28.0 9.4	
						2061 28.3 10.2	
45	DRILL PIPE STANDS	1865.50	HOLE DRAG 3-UP 2-DN	HRS RUN 0	HRS RUN 0		NOTES: CHECKED DEADMAN ANCHOR BRAKES AND LINKAGE FAST LINE CLAMP FUNCTION CROWN SAVER
	DRILL PIPE SINGLES			SOILER pH	SOILER pH		FUNCTION REMOTE CHOKE O/C 10 sec/s CHECKED BOP AND MANIFOLD VALVE ALIGNMENT
	KELLY DOWN	25.14	TORQUE AT BOTTOM 5500	STACK TEMP	STACK TEMP		REVIEWED JSA A-2 WORK @ HEIGHTS
	TOTAL	2110.00	FILL ON BOTTOM (m)				
	WT. OF D.C.	12					
	WT. OF STRING	75					

DRILLING CREW PAYROLL DATA						
WELL NAME & NO.			YEAR	MONTH	DAY	
PARAMOUNT ET AL LIARD K-29A			2005	8	26	
OPERATOR			CONTRACTOR			
PARAMOUNT RESOURCES LTD.			AKITA DRILLING LTD.			
RIG MANAGER			RIG NO.			
DAVE LAUCK			58			
PROVINCE			CAMP	RIG SAFETY DAYS		
N.W.T.			☒ YES ☐ NO	2703		
MORNING TOUR		FROM	800	TO	2000	INJURIES
CREW	SOC INS. NO.	NAME		HRS	YES	NO
DRILLER		KEVIN VANDENBRAND		12		KV
DERRICK HAND		SHAWN WATSON		12		SW
MOTOR HAND		GREG ST. ARNAUD		12		GS
FLOOR HAND		JUSTIN MILLER		12		JM
FLOOR HAND		JASON SMITH		12		JS
LEASE HAND		BRIAN JULIAN		12		BJ
RATE SCHEDULE						
REGULAR		REPAIR		X	INVERT	
CREW SAFETY DAYS			DRIVERS			
14			BRIAN WYATT			
			AL KOZAKIEWICH			
DAY TOUR		FROM	2000	TO	800	INJURIES
CREW	SOC INS. NO.	NAME		HRS	YES	NO
DRILLER		BRIAN WYATT		12		BW
ASSIST DRILLER		KEVIN LAUCK		12		KL
DERRICK HAND		DOUG CHRISTIE		12		DC
MOTOR HAND		KENNETH LAUCK		12		KL
LEASE HAND		FREDDY CARPENTER		12		FC
FLOOR HAND		MOSES LORD		12		ML
FLOOR HAND		BILL HETHERINGTON		12		BH
RATE SCHEDULE						
REGULAR		REPAIR		X	INVERT	
CREW SAFETY DAYS			DRIVERS			
14			BRIAN WYATT			

PERMIT NO.

WELL NAME & NO.

K-29

OPERATOR

PARAMOUNT RESOURCES LTD.

SURFACE LOCATION

SIGNATURE OF OPERATOR'S REPRESENTATIVE

CONTRACTOR

AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) H2S Signs Posted & Required

(4.) Well License & Stock Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Drills Performed

(7.) Visually Inspected BOPs - Flame Lines & Degasser Lines

(1.) Rig Site Health & Safety Meeting (onshore/offshore)

(2.) CAODC Rig Safety Inspection Checklist (onshore/offshore)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Block Checked

(5.) Motor Kibs Checked

YEAR

2005

MONTH

8

DAY

24

RIG NO.

58

FUEL @ 08:00 HRS

BOILER

TEMPERATURE

162

CURRENT CONDITIONS

DP

WIND DIRECTION

127

WIND SPEED

29.02

ROAD CONDITION

E2

MASS (kg/m3)

4.5

GRADE

IF

PUMP TYPE

F-1000

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

254

NO. OF JOINTS

175

TOTAL LENGTH

175

NO. OF JOINTS

175

SHALE SHAVER (S)

175

RENTALS / SERVICES

175

MORNING

175

DAY

175

SPUD DATE

2005

TIME

08:00

WELL TYPE

DIR

NEARBY

YES

OPERATOR'S RIG

AKITA DRILLING LTD.

CONTRACTOR'S RIG

AKITA DRILLING LTD.

TOUR SHEET SERIAL NO.

AKTAS8_20050824_18

UNIQUE SOFTWARE VERSION

EDR_3-1-4_HF2 ETS 2.2

CAODC

PASON

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TOTALS

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TOTALS

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TOTALS

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TOTALS

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TOTALS

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TOTALS

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LICENCE NO.

WELL NAME & NO.

K-29

OPERATOR

PARAMOUNT RESOURCES LTD.

SURFACE LOCATION

SIGNATURE OF OPERATOR'S REPRESENTATIVE

CONTRACTOR

AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) VES Signs Tested & Required

(4.) Well Licence & S&B Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Data Perfected

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

(1.) Rig Site Health & Safety Meeting (on/off/on/month)

(2.) CAODC Rig Safe Inspection Checklist (on/off/on/month)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kils Checked

YEAR

2005

MONTH

8

DAY

23

LAST CASING TUBING OR LINER

Q.D. (mm)

MIN ID (mm)

MASS (kg/m)

MAKE

GRADE

NO. OF JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

Q.D. (mm)

MIN ID (mm)

MASS (kg/m)

MAKE

GRADE

NO. OF JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

TEMPERATURE

OC

OC TOP SIZE

MASS

GRADE

MINIMUM ID

T. JNT. O.D.

TYPE THREAD

NO. OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

CURRENT CONDITIONS

DP

127

29.02

E2

4.5 IF

F-1000

EMSCO

254

WIND DIRECTION

ROAD CONDITION

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

K-29

YEAR

2005

MONTH

8

DAY

23

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR

AKITA DRILLING LTD.

RIG MANAGER

RIG NO.

58

PROVINCE

N.W.T.

CAMP

☒ YES ☐ NO

RIG SAFETY DAYS

2700

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG



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LICENCE NO.

WELL NAME & NO.

K-29

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR

AKITA DRILLING LTD.

SURFACE LOCATION

UNIQUE ID

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.) HSE Signs Posted & Required

(4.) Well License & S&S Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Dots Performed

(7.) Visually Inspect BOP's Flare Lines & Degasser Lines

(1.) Rig Site Health & Safety Meeting (weekly/monthly)

(2.) CAODC Rig Safety Inspection Checklist (weekly/monthly)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kils Checked

YEAR

MONTH

DAY

2005

8

21

REG NO.

58

FUEL @ 08:00 HRS

RIG NO.

110

BOILER

TEMPERATURE

DEW PT

DC/DP

DC/DP

MASS

GRADE

MINIMUM I.D.

T. INT. O.D.

TYPE THREAD

NO. OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

WIND DIRECTION

DP

127

29.02

E2

4.5 IF

F-1000

EMSCO

254

ROAD CONDITION

SPD DATE

RIG RELEASED

WELL TYPE

DIR.

OPERATOR'S AGE

KELLY BSHD

6.8

CONTRACTOR'S JOB NO.

TOUCHSCREEN SIGNATURE

AKTAS8_20050821_18

VENDOR SOFTWARE VERSION

EDR_3-14_HF2 ETS 2.2

TIME

TIME

YES

PASON

CODE NO.

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TOTALS

NO

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LICENCE NO.

WELL NAME & NO.

K-29

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR

AKITA DRILLING LTD.

SURFACE LOCATION

UNIQUE ID

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.) HSE Signs Posted & Requested

(4.) Well Licence & Disk Diagram Posted

(5.) Flare Lines Status

(6.) BOP Drills Performed

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

(1.) Rig Site Health & Safety Meeting (on/around/month)

(2.) CAODC Rig Safety Inspection Checklist (on/around/month)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kils Checked

YEAR

2005

MONTH

8

DAY

20

LAST CASING

58

LAST CASING

58

TEMPERATURE

DO

DC/DP

MASS

GRADE

MINIMUM

1. JY

TYPE

NO. OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

CURRENT CONDITIONS

DP

127

29.02

E2

4.5 IF

F-1000

EMSCO

254

WIND DIRECTION

ROAD CONDITION

F-1000

EMSCO

254

CAODC

AKTAS8_20050820_1B

EDR_3-1-4_HF2 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	NO	TYPE	TYPE	TOTAL MJ	MORNING	DAY
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	CONV MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	HOPE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DR. WORK	SAFETY MEETING	HAZARDOUS TOOLS											
MORN																																	
DAY																																	
TOTAL																																	

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD	MORNING TOUR	MUD RECORD	METRES DRILLED	TIME LOG									
	BIT	O.D.	BIT NO.	MUD TYPE	WATER BASED	OIL BASED	FROM	TO	D.P.C.	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
			SIZE	TIME	DENSITY (kg/m3)							800	815	0.25	21	SAFETY MEETING WITH WIRE LINE HANDS RUN IN WITH CHEM CUT TOOL
			MANUFACTURER	FUNNEL VISCOSITY	FLUID LOSS (cm3)	pH						815	1000	1.75	19	RUN #2 CHEMICAL CUT TOOL @ 2403M STRING WT TO RELEASE 185DaN
			TYPE	FLUID LOSS (cm3)	pH							1000	1015	0.25	19	STRING WT 1000DaN RETRIEVE WIRE LINE
			SERIAL NO.	pH								1015	1045	0.50	19	RIG OUT WIRE LINE
			DETS									1045	1145	1.00	19	LAY OUT FISHING TOOLS
			DEPTH OUT (m)									1145	1200	0.25	21	RIG UP POWER TONGS AND LAY DOWN TRUCK
			DEPTH IN (m)									1200	1230	0.50	19	SAFETY MEETING WITH POWER TONG & LAY DOWN HANDS
			TOTAL DRILLED (m)									1230	1345	1.25	19	BREAK DOG NUT AND PUP JT LAY OUT 178mm
			TOTAL HRS RUN									1345	1945	6.00	19	TROUBLE SHOOT POWER TONGS TURN UP HYDRAULIC PRESSURE
			CUTTING STRUCTURE									1945	2000	0.25	19	LAY OUT 178mm CASING
			1) 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)									2000				SERVICE LAY DOWN UNIT
			HOLE CONDITION													
	DRILL PIPE STANDS		HOLE DRAG													
	DRILL PIPE SINGLES		TORQUE AT BOTTOM													
	KELLY DOWN		FILL ON BOTTOM (m)													
	TOTAL															
	WT. OF D.C.															
	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	FROM	TO	D.P.C.	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
	MILL	217	59	TIME	DENSITY (kg/m3)							2000	2015	0.25	21	Pre-Tour Safety Meeting
			MANUFACTURER	FUNNEL VISCOSITY	FLUID LOSS (cm3)	pH						2015	2245	2.50	19	Lay Down 178mm Casing
			TYPE	FLUID LOSS (cm3)	pH							2245	2300	0.25	19	Rig Out Power Tongs
			SERIAL NO.	pH								2300	0115	2.25	22	Strap 178mm D.C./127mm HWDP For BHA
			DETS									0115	800	6.75	6	Pick Up BHA with Lay Down Truck & Run In Hole
			DEPTH OUT (m)													Bk. Circulation @ 950m
			DEPTH IN (m)													
			TOTAL DRILLED (m)													
			TOTAL HRS RUN													
			CUTTING STRUCTURE													
			1) 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)													
			HOLE CONDITION													
	DRILL PIPE STANDS		HOLE DRAG													
	DRILL PIPE SINGLES		TORQUE AT BOTTOM													
	KELLY DOWN		FILL ON BOTTOM (m)													
	TOTAL															
	WT. OF D.C.															
	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	FROM	TO	D.P.C.	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
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			DEPTH IN (m)													
			TOTAL DRILLED (m)													
			TOTAL HRS RUN													
			CUTTING STRUCTURE													
			1) 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)													
			HOLE CONDITION													
	DRILL PIPE STANDS		HOLE DRAG													
	DRILL PIPE SINGLES		TORQUE AT BOTTOM													
	KELLY DOWN		FILL ON BOTTOM (m)													
	TOTAL															
	WT. OF D.C.															
	WT. OF STRING															

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			SERIAL NO.	pH								2300	0115	2.25	22	Strap 178mm D.C./127mm HWDP For BHA
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			TOTAL DRILLED (m)													
			TOTAL HRS RUN													
			CUTTING STRUCTURE													
			1) 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)													
			HOLE CONDITION													
	DRILL PIPE STANDS		HOLE DRAG													
	DRILL PIPE SINGLES		TORQUE AT BOTTOM													
	KELLY DOWN		FILL ON BOTTOM (m)													
	TOTAL															
	WT. OF D.C.															
	WT. OF STRING															

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			CUTTING STRUCTURE													
			1) 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)													
			HOLE CONDITION													
	DRILL PIPE STANDS		HOLE DRAG													
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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	FROM	TO	D.P.C.	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
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			DETS									0115	800	6.75	6	Pick Up BHA with Lay Down Truck & Run In Hole
			DEPTH OUT (m)													Bk. Circulation @ 950m
			DEPTH IN (m)													
			TOTAL DRILLED (m)													
			TOTAL HRS RUN													
			CUTTING STRUCTURE													
			1) 1) 2) 3) 4													

UCENCE NO.

WELL NAME & NO.

K-29

OPERATOR

PARAMOUNT RESOURCES LTD.

SURFACE LOCATION

SIGNATURE OF OPERATOR'S REPRESENTATIVE

CONTRACTOR

AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

(1.) Daily Well Around Inspection

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

(3.) VES Signs Posted if Required

(4.) Well License & Stick Diagram Posted

(5.) Flare Lines Staked

(6.) SGP Drills Performed

(7.) Visually Inspect BOP, Flare Lines & Degasser Lines

(1.) Rig Site Health & Safety Meeting (on-site or remote)

(2.) CAODC Rig Safety Inspection Checklist (on-site or remote)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Vibs Checked

YEAR

2005

MONTH

8

DAY

19

LAST CASING LOGGING OR LIKER

Q.D. (mm)

MIN ID. (mm)

MASS (kg/m3)

MAKE

GRADE

NO. OF JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

RIG NO.

58

FUEL @ 08:00 HRS

RIG

146

BOILER

TEMPERATURE

DP

DP

DC/DP

DP

MASS

GRADE

MINIMUM ID

T. INT. O.D.

TYPE THREAD

NO. OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

CURRENT CONDITIONS

DP

127

29.02

E2

4.5 IF

F-1000

EMSCO

254

WIND DIRECTION

ROAD CONDITION

F-1000

EMSCO

254

CAODC

EDR 3-14_HF2 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

K-29

YEAR

2005

MONTH

8

DAY

19

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR

AKITA DRILLING LTD.

RIG MANAGER

DAVE LAUCK

RIG NO.

58

PROVINCE

N.W.T.

CAMP

☒ YES ☐ NO

RIG SAFETY DAYS

2696

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

BIT

O.D.

BIT NO.

SIZE

WOC CODE

MANUFACTURER

TYPE

SERIAL NO.

ETS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

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998

999

1000

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

K-29

YEAR

2005

MONTH

8

DAY

19

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR

AKITA DRILLING LTD.

RIG MANAGER

DAVE LAUCK

RIG NO.

58

PROVINCE

N.W.T.

CAMP

☒ YES ☐ NO

RIG SAFETY DAYS

2696

MORNING TOUR

FROM

800

TO

2000

INJURED

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

BRIAN WYATT

12

BW

DERRICK HAND

KEVIN LAUCK

12

KL

MOTOR HAND

KENNETH LAUCK

12

KL

FLOOR HAND

BILL HETHERINGTON

12

BH

FLOOR HAND

MOSES LORD

12

ML

LEASE HAND

FREDDY CARPENTER

12

FC

W.S.C.

AL KOZAKIEWICH

12

AK

RATE SCHEDULE

☒ X ☐ REGULAR ☐ REPAIR ☐ INVERT

CREW SAFETY DAYS

7

DAY TOUR

FROM

2000

TO

800

INJURED

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

ALLAN LICKOCH

12

AL

DERRICK HAND

VIRGIL NANAQUAWETUNG

12

VN

MOTOR HAND

DERWIN KOTCHEA

12

OK

FLOOR HAND

MOISE PUNCH

12

MP

FLOOR HAND

JONATHAN GREEN

12

JG

LEASE HAND

BRIAN JULIAN

12

BJ

RATE SCHEDULE

☒ X ☐ REGULAR ☐ REPAIR ☐ INVERT

CREW SAFETY DAYS

7

LICENCE NO.

WELL NAME & NO.

K-29

OPERATOR

PARAMOUNT RESOURCES LTD.

SURFACE LOCATION

SIGNATURE OF OPERATOR'S REPRESENTATIVE

CONTRACTOR

AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) LMS Signs Posted if Required

(4.) Well License & Stick Diagram Posted

(5.) Flow Lines Staked

(6.) BOP Daily Performance

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

(8.) Rig Site Health & Safety Meeting (before start of work)

(9.) CAODC Rig Safety Inspection Checklist (on arrival)

(10.) Visual inspection before Raising or Lowering

(11.) Crown Saver Checklist

(12.) Motor Kils Checked

YEAR

2005

MONTH

8

DAY

18

REG NO.

58

FUEL @ 05:00 HRS

TEMPERATURE

CURRENT CONDITIONS

WIND DIRECTION

ROAD CONDITION

LAST CASING

152.0

MIN ID

152.0

MASS

152.0

GRADE

NO. OF JOINTS

TOTAL LENGTH

KG TO CSG HEAD

SET AT (m)

MASS

MIN ID

Y. INT. O.D.

TYPE THREAD

NO. OF JOINTS

PUMP TYPE

F-1000

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

254

NO. OF JOINTS

PUMP TYPE

F-1000

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

254

CAODC RIG SAFETY INSPECTION CHECKLIST

CONTRACTOR'S JOB NO.

CONTRACTOR'S NAME

AKITA DRILLING LTD.

TOUR SHEET SERIAL NO.

AKTA58_20050818_1B

CONTRACTOR SOFTWARE VERSION

EDR_3-1-4_HF2 ETS 2.2

CAODC

PASON

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

NO. 2

NO. 3

NO. 4

NO. 5

NO. 6

NO. 7

NO. 8

NO. 9

NO. 10

NO. 11

NO. 12

NO. 13

NO. 14

NO. 15

NO. 16

NO. 17

NO. 18

NO. 19

NO. 20

NO. 21

NO. 22

NO. 23

NO. 24

NO. 25

NO. 26

TOTALS

NO. 1

NO. 2

NO. 3

NO. 4

NO. 5

NO. 6

NO. 7

NO. 8

NO. 9

NO. 10

NO. 11

NO. 12

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NO. 21

NO. 22

NO. 23

NO. 24

NO. 25

NO. 26

TOTALS

NO. 1

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NO. 3

NO. 4

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NO. 26

TOTALS

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NO. 26

TOTALS

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TOTALS

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TOTALS

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TOTALS

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NO. 26

TOTALS

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TOTALS

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TOTALS

NO. 1

NO. 2

NO. 3

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NO. 2

LICENCE NO.	WELL NAME & NO. K-29	DAILY CHECKS (1.) Daily Walk Around Inspection (2.) Detailed Inspection - Visually Using Check List (3.) HOS Signs Posted if Required (4.) Well License & Stock Diagram Posted (5.) Flow Lines Inspected (6.) BOP Data Reviewed (7.) Visually Inspect BOP's - Flame 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 Block Checked (12.) Motor Kicks Checked
OPERATOR PARAMOUNT RESOURCES LTD.	CONTRACTOR AKITA DRILLING LTD.	YEAR MONTH DAY 2005 8 17 RIG NO. 58 FUEL @ 08:00 HRS BOILER TEMPERATURE CURRENT CONDITIONS WIND DIRECTION ROAD CONDITION
SURFACE LOCATION	UNIQUE ID	O.D. (mm) M.V.L.D. (mm) MASS (kg/m ³) MAKE GRADE NO. OF JOINTS TOTAL LENGTH HS TO CSG HEAD SET AT (m)
SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S RIG MANAGER	PUMP TYPE PUMP MANUFACTURER STROKE LENGTH F-1000 EMSCO 254 F-1000 EMSCO 254
		SPIN RATE TIME DIR RE-ENTRY YES KELLY BEING 6.8 OP-SIDE CONTRACTORS JOB RUN TOUR SHEET SERIAL NUM AKTA58_20050817_1B PACIFIC SOFTWARE VERSION EDR_3-1-4_HF2 ET S 22
		PASON
		CAODC
		DRILLING CREW PAYROLL DATA
		WELL NAME & NO. YEAR MONTH DAY K-29 2005 8 17 OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR AKITA DRILLING LTD. RIG MANAGER RIG NO. 58 PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 2694
		MORNING TOUR FROM 800 TO 2000 INJURIES
		CREW SOC INS. NO. NAME HRS YES NO DRILLER BRIAN WYATT 14 BW DERRICK HAND KEVIN LAUCK 14 KL MOTOR HAND KENNETH LAUCK 14 KL FLOOR HAND BILL HETHERINGTON 14 BH FLOOR HAND MOSES LORD 14 ML LEASE HAND FREDDY CARPENTER 14 FC W.S.C. AL KOZAKEWICH 12 AK 2 hrs extra Pre-tour meeting
		RATE SCHEDULE X REGULAR REPAIR INVERT CREW SAFETY DAYS DRIVERS 5
		DAY TOUR FROM 2000 TO 800 INJURIES
		CREW SOC INS. NO. NAME HRS YES NO DRILLER ALLAN LICKOCH 12 AL DERRICK HAND VIRGIL NANAQUAWETUNG 12 VN MOTOR HAND DERWIN KOTCHEA 12 DK FLOOR HAND MOISE PUNCH 12 MP FLOOR HAND JONATHAN GREEN 12 JG LEASE HAND BRIAN JULIAN 12 BJ
		RATE SCHEDULE X REGULAR REPAIR INVERT CREW SAFETY DAYS DRIVERS 5

NO. DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD		MORNING TOUR		MUD RECORD		METRES DRILLED		TIME LOG	
BIT O.D.					MUD TYPE WATER BASED OIL BASED		FROM TO D.R.C. RPM WOB		FROM TO ELAPSED TIME CODE		DETAILS OF OPERATIONS IN SEQUENCE & REMARKS	
SIZE			TIME		DENSITY (kg/m ³)				800 815 0.25 21		SAFETY MEETING WITH TONG AND LAY DOWN HANDS	
MANUFACTURER			FUNNEL VISCOSITY						815 1530 7.25 12		PULL OUT AND LAY DOWN 114mm TUBING	
TYPE			FLUID LOSS (cm ³)						1530 1630 1.00 12		RIG OUT POWER TONGS AND LAY DOWN TRUCK	
SERIAL NO.			PH						1630 2000 3.50 14		REMOVE HCR & KILL LINE VALVES CHANGE OUT RAMS ON RENTAL ELEMENT	
JETS									2000			
DEPTH OUT (in)												
DEPTH IN (in)												
TOTAL DRILLED (in)												
TOTAL HRS RUN												
CUTTING STRUCTURE												
T ₁ T ₂ MOD LOC BRG GAGE OCC REASON PULLED TOTAL RUN HOUR												
HOLE CONDITION												
HOLE DRAG												
TORQUE AT BOTTOM												
FILL ON BOTTOM (in)												
TOTAL												
WT. OF D.C.												
WT. OF STRING												
NO. DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD		DAY TOUR		MUD RECORD		METRES DRILLED		TIME LOG	
BIT O.D.					MUD TYPE WATER BASED OIL BASED		FROM TO D.R.C. RPM WOB		FROM TO ELAPSED TIME CODE		DETAILS OF OPERATIONS IN SEQUENCE & REMARKS	
SIZE			TIME		DENSITY (kg/m ³)				2000 2015 0.25 21		Pre-Tour Safety Meeting	
MANUFACTURER			FUNNEL VISCOSITY						2015 2200 1.75 14		Nipple Down B.O.P.s / Remove Tubing Hanger	
TYPE			FLUID LOSS (cm ³)						2200 800 10.00 14		NIPPLE UP B.O.P.'s Change Top Pipe Rams To 7"	
SERIAL NO.			PH									
JETS												
DEPTH OUT (in)												
DEPTH IN (in)												
TOTAL DRILLED (in)												
TOTAL HRS RUN												
CUTTING STRUCTURE												
T ₁ T ₂ MOD LOC BRG GAGE OCC REASON PULLED TOTAL RUN HOUR												
HOLE CONDITION												
HOLE DRAG												
TORQUE AT BOTTOM												
FILL ON BOTTOM (in)												
TOTAL												
WT. OF D.C.												
WT. OF STRING												
NO. DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD		DAY TOUR		MUD RECORD		METRES DRILLED		TIME LOG	
BIT O.D.					MUD TYPE WATER BASED OIL BASED		FROM TO D.R.C. RPM WOB		FROM TO ELAPSED TIME CODE		DETAILS OF OPERATIONS IN SEQUENCE & REMARKS	
SIZE			TIME		DENSITY (kg/m ³)				2000 2015 0.25 21		Pre-Tour Safety Meeting	

[illegible]

LICENCE NO.

WELL NAME & NO.

K-29

OPERATOR

PARAMOUNT RESOURCES LTD.

SURFACE LOCATION

SIGNATURE OF OPERATOR'S REPRESENTATIVE

CONTRACTOR

AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

(1.) Daily Well Around Inspection

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

(3.) H2S Signs Posted if Required

(4.) Well Licence & Block Diagram Posted

(5.) Flare Lines Staked

(6.) H2S Data Performed

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

(1.) Rig Site Health & Safety Meeting (onshore/offshore)

(2.) CAODC Rig Safe Inspection Checklist (onshore/offshore)

(3.) Well Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kils Checked

YEAR

2005

MONTH

8

DAY

15

LAST CASING TUBING OR LINER

FUEL @ 08:00 HRS

NO. OF JOINTS

58

GRADE

F-1000

NO. OF JOINTS

EMSCO

STROKE LENGTH

254

TEMPERATURE

126

CURRENT CONDITIONS

WIND DIRECTION

ROAD CONDITION

NO. OF JOINTS

58

GRADE

F-1000

NO. OF JOINTS

EMSCO

STROKE LENGTH

254

TEMPERATURE

126

CURRENT CONDITIONS

WIND DIRECTION

ROAD CONDITION

CAODC

PASON

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 IS 1		RENTALS / SERVICES		MORNING	DAY
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	CONC MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRAG LINE	DEV SURVEY	WIRELINE LOGS	RUN C&G & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	ON WORK	SAFETY MEETING	Washline	Shed Off Wt	NO. OF SCREENS CHANGED	TYPE	TYPE		NO. OF SCREENS CHANGED	TYPE				
																									DRILL P/LC	DRILL P/LC		NEW	USED				
																									TOP	TOP		TOP	TOP				
MORN																					0.25		8.5	3.25		12.00	175	TOP	175	TOP			
DAY															8.75	1.0					0.5			1.75		12.00	175	MIDDLE	175	MIDDLE			
TOTAL															8.75	1.00					0.75		8.50	5.00		24.00	175	BOTTOM	175	BOTTOM			

DRILLING ASSEMBLY (AT END OF TOUR)

DRILL PIPE STANDS

DRILL PIPE SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

LENGTH

BIT

Q.D.

SIZE

MCC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (m)

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

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

HRS RUN

0

0

BOILER PH

BOILER PH

STACK TEMP

STACK TEMP

DRILLER SIGNATURE

ALLAN LICKOCH

TIME / DEPTH

WIRELINE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

800 815 0.25 21 Pre-Tour Safety Meeting

815 1030 2.25 24 Bleed Pressure And Flare Gas From Surface Casing

1030 Attempt To Pressure Test 114.3mm Tubing While Venting Surface Casing

1030 1145 1.25 23 Rig Out Slick Wireline & Rig In E Wireline

1145 1300 1.25 23 Run In With Collar Locator (Run #1) DEPTH 2474.0m

1300 1445 1.75 23 Run In With 88.9mm Permanent Bridge Plug (Run #2) TAG HIGH WITH PLUG 2454.0m

1445 1530 0.75 23 Rig Out E Wireline & Rig Up Slick Wireline

1530 1630 1.00 23 Run In With 95.25mm Gauge Ring (Run #3) DEPTH 2431.0m

1630 1730 1.00 23 Run In With 91.44mm Gauge Ring (Run #4) DEPTH 2474.0m

1730 1800 0.50 23 Rig Out Slick Wireline & Rig In E Wireline

1800 1845 0.75 23 Run In With 114.3mm Permanent Bridge Plug (Run #5) SET @ 2467m

1845 1900 0.25 23 Rig Out Wireline Tools

1900 2000 1.00 24 Top Fill 114.3mm Tubing & Vent 178mm Casing

NOTES: Checked: Fastline Clamp, Deadline Anchor, Brakes & Linkage

Review JSA M-3 Pressure Test With Truck/D-36 Rig Up & Run Wireline Tools

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

K-29

YEAR

2005

MONTH

8

DAY

15

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR

AKITA DRILLING LTD.

RIG MANAGER

DAVE LAUCK

RIG NO.

58

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

2682

MORNING TOUR

FROM

800

TO

2000

INJURED

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

636153249

ALLAN LICKOCH

12

AL

DERRICK HAND

643905755

VIRGIL NANAQUAWETUNG

VN

MOTOR HAND

650997935

DERWIN KOTCHEA

12

DK

FLOOR HAND

625436811

MOISE PUNCH

12

MP

FLOOR HAND

651844128

JONATHAN GREEN

12

JG

LEASE HAND

640065934

BRIAN JULIAN

12

BJ

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

3

DAY TOUR

FROM

2000

TO

800

INJURED

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

115882276

BRIAN WYATT

12

BW

DERRICK HAND

650764160

SHAWN WATSON

12

SW

MOTOR HAND

640809638

GREG ST. ARNAUD

12

GS

FLOOR HAND

646567776

KEVIN LAUCK

12

KL

FLOOR HAND

638990531

JUSTIN MILLER

12

JM

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

3

WORKING WITH H2S

DRILLING ASSEMBLY (AT END OF TOUR)

DRILL PIPE STANDS

DRILL PIPE SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

LENGTH

BIT

Q.D.

SIZE

MCC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (m)

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

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

HRS RUN

0

0

BOILER PH

BOILER PH

STACK TEMP

STACK TEMP

DRILLER SIGNATURE

BRIAN WYATT

TIME / DEPTH

WIRELINE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

2000 2015 0.25 21 SAFETY MEETING WITH SAFETY HAND

2015 2145 1.50 24 top fill 114.3MM tubing and vent 178mm

2145 2215 0.50 15 PRESSURE TEST 114.3mm TUBING TO 7000kpa 15min

2215 2230 0.25 24 RIG OUT WIRE LINE

2230 2300 0.50 15 BLEED BACK TO TESTER

2300 2315 0.25 21 SAFETY MEETING WITH LOCKHART

2315 130 2.25 14 NIPPLE DOWN WELL HEAD

130 800 6.50 14 NIPPLE UP B.O.P.

800

NOTES: REVIEWED JSA M-9 INSTALL BOP CHECKED DEADMAN ANCHOR INSPECT BOP LIFTING SLING

AND SHACKLES

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

3

WORKING WITH H2S

LICENCE NO.

WELL NAME & NO.

K-29

OPERATOR

PARAMOUNT RESOURCES LTD.

SURFACE LOCATION

SIGNATURE OF OPERATOR'S REPRESENTATIVE

CONTRACTOR

AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAILY CHECKS

(1.) Daily Wash Around Inspection

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

(3.) HOS Signs Posted & Required

(4.) Well Location & Stack Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Drills Performed

(7.) Visually Inspect BOP's, Flare Lines & Degasser Lines

(1.) Rig Site Health & Safety Meeting (once a month)

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

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Mast Kibs Checked

YEAR

2005

MONTH

8

DAY

14

LAST CASING TUBING OR LINER

FUEL @ 08:00 HRS

TEMPERATURE

133

CURRENT CONDITIONS

WIND DIRECTION

ROAD CONDITION

O.D. (mm)

MIN ID. (mm)

MASS (kg/m3)

MAKE

GRADE

NO. OF JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

MASS

GRADE

MINIMUM ID.

T. INT. O.D.

TYPE THREAD

NO. OF JOINTS

PUMP TYPE

F-1000

EMSCO

STROKE LENGTH

254

F-1000

EMSCO

254

CAODC

PASON

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	MORNING	DAY
	RIGUP & TARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CMC	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	DEQUEE CEMENT	FISHING	DR WORK	SAFETY MEETING	Wait For Set Machine	Bleed Off Pressure								
MORN																						1.0	6.0	5.0		12.00					
DAY															0.75						0.25		1.0	10.0		12.00					
TOTAL															0.75						0.25	1.00	7.00	15.00		24.00					

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD	MORNING TOUR	MUD RECORD	METRES DRILLED	TIME LOG									
	BIT	O.D.	BIT NO.	MUD TYPE	WATER BASED	OIL BASED	FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
			SIZE	TIME												800 900 1.00 22 Wait On Barge To Bring Services Across River
			MOQ CODE	DENSITY (kg/m3)												900 1030 1.50 23 Rig In Wireline Truck
			MANUFACTURER	FUNNEL VISCOSITY												1030 1200 1.50 23 Run In With Run #1 (66.7mm) Gauge Ring To 2461.4m (16m Line Streach From Heat)
			TYPE	FLUID LOSS (cm3)												1200 1400 2.00 23 Run In With Run #2 (62.5mm) Nipple Polish To 2461.4
			SERIAL NO.	pH												1400 1430 0.50 23 Run In With Run #3 (62.5mm) Otis R Lock (Tubing Plug) Set @ 2461.4m
			JETS													1430 1500 0.50 23 Run In With Run #4 Set Prong In Plug (2461.4m)
			DEPTH OUT (m)													1500 2000 5.00 24 Bleed Off & Flare Gas From 114.3mm Tubing
			DEPTH IN (m)													
			TOTAL DRILLED (m)													
			TOTAL HRS RUN													
			CUTTING STRUCTURE													
			T1 T2 MDC LOC BRG GAGE DOC REASON PULLED TOTAL RUN (HRS)													
			HOLE CONDITION													
			DRILL PIPE STANDS													
			DRILL PIPE SINGLES													
			KELLY DOWN													
			TOTAL													
			WT. OF D.C.													
			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	FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
			SIZE	TIME												2000 2015 0.25 21 PRE TOUR SAFETY MEETING
			MOQ CODE	DENSITY (kg/m3)												2015 2100 0.75 24 BLEED OFF & FLARE GAS FROM 114.3mm TUBING
			MANUFACTURER	FUNNEL VISCOSITY												2100 2130 0.50 24 RIG TO BLEED & FLARE 177.8mm CASING
			TYPE	FLUID LOSS (cm3)												2130 2145 0.25 24 RIG TO AND FILL 114.3mm TUBING WITH 1" WATER HOSE WITH FRESH WATER
			SERIAL NO.	pH												2145 300 5.25 24 CONTINUE TO BLEED AND FLARE 177.8mm CASING
			JETS													300 330 0.50 24 CONTINUE TO FILL 114.3mm TUBING WHILE RIGGING IN WIRE LINE
			DEPTH OUT (m)													330 400 0.50 23 RIG WIRE LINE TO RUN IN CHECK FLUID LEVEL IN 114.3mm TUBING
			DEPTH IN (m)													400 415 0.25 23 RUN IN WITH GAUGE RING AND JUNK SUB TO CHECK FLUID LEVEL IN 114.3mm TUBING
			TOTAL DRILLED (m)													415 430 0.25 23 TAG FLUID AT 120m RIG OUT WIRE LINE
			TOTAL HRS RUN													430 500 0.50 24 FILL 114.3mm TUBING
			CUTTING STRUCTURE													500 545 0.75 15 RIG TO AND PRESSURE TEST 114.3mm TUBING
			T1 T2 MDC LOC BRG GAGE DOC REASON PULLED TOTAL RUN (HRS)													545 800 2.25 24 RIG UP PRESSURE GAUGE TO SURFACE CASING AND BLEED PRESSURE 2000kpa ON SURFACE CASING FLARING GAS
			HOLE CONDITION													
			DRILL PIPE STANDS													
			DRILL PIPE SINGLES													
			KELLY DOWN													
			TOTAL													
			WT. OF D.C.													
			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	FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
			SIZE	TIME												2000 2015 0.25 21 PRE TOUR SAFETY MEETING
			MOQ CODE	DENSITY (kg/m3)												2015 2100 0.75 24 BLEED OFF & FLARE GAS FROM 114.3mm TUBING
			MANUFACTURER	FUNNEL VISCOSITY												2100 2130 0.50 24 RIG TO BLEED & FLARE 177.8mm CASING
			TYPE	FLUID LOSS (cm3)												2130 2145 0.25 24 RIG TO AND FILL 114.3mm TUBING WITH 1" WATER HOSE WITH FRESH WATER
			SERIAL NO.	pH												2145 300 5.25 24 CONTINUE TO BLEED AND FLARE 177.8mm CASING
			JETS													300 330 0.50 24 CONTINUE TO FILL 114.3mm TUBING WHILE RIGGING IN WIRE LINE
			DEPTH OUT (m)													330 400 0.50 23 RIG WIRE LINE TO RUN IN CHECK FLUID LEVEL IN 114.3mm TUBING
			DEPTH IN (m)													400 415 0.25 23 RUN IN WITH GAUGE RING AND JUNK SUB TO CHECK FLUID LEVEL IN 114.3mm TUBING
			TOTAL DRILLED (m)													415 430 0.25 23 TAG FLUID AT 120m RIG OUT WIRE LINE
			TOTAL HRS RUN													430 500 0.50 24 FILL 114.3mm TUBING
			CUTTING STRUCTURE													500 545 0.75 15 RIG TO AND PRESSURE TEST 114.3mm TUBING
			T1 T2 MDC LOC BRG GAGE DOC REASON PULLED TOTAL RUN (HRS)													545 800 2.25 24 RIG UP PRESSURE GAUGE TO SURFACE CASING AND BLEED PRESSURE 2000kpa ON SURFACE CASING FLARING GAS
			HOLE CONDITION													
			DRILL PIPE STANDS													
			DRILL PIPE SINGLES													
			KELLY DOWN													
			TOTAL													
			WT. OF D.C.													
			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	FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
			SIZE	TIME												2000 2015 0.25 21 PRE TOUR SAFETY MEETING
			MOQ CODE	DENSITY (kg/m3)												2015 2100 0.75 24 BLEED OFF & FLARE GAS FROM 114.3mm TUBING
			MANUFACTURER	FUNNEL VISCOSITY												2100 2130 0.50 24 RIG TO BLEED & FLARE 177.8mm CASING
			TYPE	FLUID LOSS (cm3)												2130 2145 0.25 24 RIG TO AND FILL 114.3mm TUBING WITH 1" WATER HOSE WITH FRESH WATER
			SERIAL NO.	pH												2145 300 5.25 24 CONTINUE TO BLEED AND FLARE 177.8mm CASING
			JETS													300 330 0.50 24 CONTINUE TO FILL 114.3mm TUBING WHILE RIGGING IN WIRE LINE
			DEPTH OUT (m)													330 400 0.50 23 RIG WIRE LINE TO RUN IN CHECK FLUID LEVEL IN 114.3mm TUBING
			DEPTH IN (m)													400 415 0.25 23 RUN IN WITH GAUGE RING AND JUNK SUB TO CHECK FLUID LEVEL IN 114.3mm TUBING
			TOTAL DRILLED (m)													415 430 0.25 23 TAG FLUID AT 120m RIG OUT WIRE LINE
			TOTAL HRS RUN													430 500 0.50 24 FILL 114.3mm TUBING
			CUTTING STRUCTURE													500 545 0.75 15 RIG TO AND PRESSURE TEST 114.3mm TUBING
			T1 T2 MDC LOC BRG GAGE DOC REASON PULLED TOTAL RUN (HRS)													545 800 2.25 24 RIG UP PRESSURE GAUGE TO SURFACE CASING AND BLEED PRESSURE 2000kpa ON SURFACE CASING FLARING GAS
			HOLE CONDITION													
			DRILL PIPE STANDS													
			DRILL PIPE SINGLES													
			KELLY DOWN													
			TOTAL													
			WT. OF D.C.													
			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	FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
			SIZE	TIME												2000 2015 0.25 21 PRE TOUR SAFETY MEETING
			MOQ CODE	DENSITY (kg/m3)												2015 2100 0.75 24 BLEED OFF & FLARE GAS FROM 114.3mm TUBING
			MANUFACTURER	FUNNEL VISCOSITY												2100 2130 0.50 24 RIG TO BLEED & FLARE 177.8mm CASING
			TYPE	FLUID LOSS (cm3)												2130 2145 0.25 24 RIG TO AND FILL 114.3mm TUBING WITH 1" WATER HOSE WITH FRESH WATER
			SERIAL NO.	pH												2145 300 5.25 24 CONTINUE TO BLEED AND FLARE 177.8mm CASING
			JETS													300 330 0.50 24 CONTINUE TO FILL 114.3mm TUBING WHILE RIGGING IN WIRE LINE
			DEPTH OUT (m)													330 400 0.50 23 RIG WIRE LINE TO RUN IN CHECK FLUID LEVEL IN 114.3mm TUBING
			DEPTH IN (m)													400 415 0.25 23 RUN IN WITH GAUGE RING AND JUNK SUB TO CHECK FLUID LEVEL IN 114.3mm TUBING
			TOTAL DRILLED (m)													415 430 0.25 23 TAG FLUID AT 120m RIG OUT WIRE LINE
			TOTAL HRS RUN													430 500 0.50 24 FILL 114.3mm TUBING
			CUTTING STRUCTURE													500 545 0.75 15 RIG TO AND PRESSURE TEST 114.3mm TUBING
			T1 T2 MDC LOC BRG GAGE DOC REASON PULLED TOTAL RUN (HRS)													545 800 2.25 24 RIG UP PRESSURE GAUGE TO SURFACE CASING AND BLEED PRESSURE 2000kpa ON SURFACE CASING FLARING GAS
			HOLE CONDITION													
			DRILL PIPE STANDS													
			DRILL PIPE SINGLES													
			KELLY DOWN													
			TOTAL													
			WT. OF D.C.													
			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	FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
			SIZE	TIME												

LICENCE NO.

WELL NAME & NO.

K-29

OPERATOR

PARAMOUNT RESOURCES LTD.

SURFACE LOCATION

SIGNATURE OF OPERATOR'S REPRESENTATIVE

AL IRONSIDE

CONTRACTOR

AKITA DRILLING LTD.

UNIQUE ID

SIGNATURE OF CONTRACTOR'S RIG MANAGER

DAVE LAUCK

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) H2S Signs Placed & Required

(4.) Well Location & Stack Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Drills Performed

(7.) Visually Inspect BOP Flare Lines & Degasser Lines

(1.) Rig Site Health & Safety Meeting (before work starts)

(2.) CAODC Rig Safety Inspection Checklist (on/nightly)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Mast Ribs Checked

YEAR2005MONTH8DAY13

RIG NO.58

FUEL @ 08:00 HRS

ROILER

TEMPERATURE

CURRENT CONDITIONS

WIND DIRECTION

ROAD CONDITION

LAST CASING TUBING OR LINER

O.D. (mm)

MIN I.D. (mm)

MASS (kg/m3)

MAKE

GRADE

NO. OF JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

MASS

GRADE

MINIMUM I.D.

T. JCT. O.D.

TYPE THREAD

NO. OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

F-1000

EMSCO

254

F-1000

EMSCO

254

SPUD DATE

TIME

RIG RELEASE

RE-ENTRY

WELL TYPE

OPERATORS A/E

KELLY BEND

OP. FUEL

CONTRACTORS JOB NO.

TOTAL SHEET SERIAL NO.

AKTA58_20050813_1E

VENDOR SOFTWARE VERSION

EDR_3-1-4_HF2 ETS 2.2

CAODC

PASON

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	RENTALS / SERVICES	MORNING	DAY
	RIGUP & STANDDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & DNG	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	SHPLE UP & D.P.	TEST & D.P.	DRILL/STEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DR WORK	SAFETY MEETING	Wait For Services											
MORN	1.75																				0.25	10.0					12.00	2	Drills FLC	Drills FLC			
DAY																					0.25	11.75					12.00		MIDDLE	MIDDLE			
TOTAL	1.75																				0.50	21.75					24.00		BOTTOM	BOTTOM			

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT NO.

SIZE

WDC CODE

MANUFACTURER

TYPE

SERIAL NO.

JTS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

11

1a

MDC

LOC

BRG

GAGE

DOC

REASON PULLED

TOTAL RUN HRS

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (m)

WT. OF D.C.

WT. OF STRING

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

800

815

0.25

21

1

Pre Tour Safety Meeting

815

1000

1.75

1

Rig Power & Hydraulic Lines To Top Drive/Torque Top Drive Quill To Swivel

1000

2000

10.00

22

Install New Saver Sub /Set Counter Balance For Blocks/Set Grabber Height

1000

2000

10.00

22

Wait For Barge To Bring Services Across River

NOTES:

DRILLER SIGNATURE

ALLAN LICKOCH

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEM

WASP

Rig Up

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT NO.

SIZE

WDC CODE

MANUFACTURER

TYPE

SERIAL NO.

JTS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

11

1a

MDC

LOC

BRG

GAGE

DOC

REASON PULLED

TOTAL RUN HRS

HOLE CONDITION

DRILL PIPE STANDS

DRILL PIPE SINGLES

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (m)

WT. OF D.C.

WT. OF STRING

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

2000

2015

0.25

21

PRE TOUR SAFETY MEETING

2015

800

11.75

22

WAIT ON BARGE TO BRING SERVICES ACROSS RIVER

800

NOTES: REVIEWED JSA G-14 WASHING RIG G-2 DRIVING TO AND FROM RIG

DRILLER SIGNATURE

BRIAN WYATT

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEM

WASP

DRIVING

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

K-29

YEAR

2005

MONTH

8

DAY

13

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR

AKITA DRILLING LTD.

RIG MANAGER

DAVE LAUCK

RIG NO.

58

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

2680

MORNING TOUR

FROM

800

TO

2000

INJURED

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

ALLAN LICKOCH

12

AL

DERRICK HAND

VIRGIL NANAQUAWETUNG

12

VN

MOTOR HAND

DERWIN KOTCHEA

12

DK

FLOOR HAND

MOISE PUNCH

12

MP

FLOOR HAND

JONATHAN GREEN

12

JG

LEASE HAND

BRIAN JULIAN

12

BJ

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

1

DAY TOUR

FROM

2000

TO

800

INJURED

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

BRIAN WYATT

12

BW

DERRICK HAND

SHAWN WATSON

12

SW

MOTOR HAND

GREG ST. ARNAUD

12

GS

FLOOR HAND

KEVIN LAUCK

12

KL

FLOOR HAND

JUSTIN MILLER

12

JM

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

1