

[illegible]

LICENCE NO
1159

WELL NAME & NO
PARA ET AL CAMERON L-73

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION
60-02:38.30 N 117:29:54.30 W

UNIQUE ID
100/60-10-117-15/0

SIGNATURE OF OPERATOR'S REPRESENTATIVE
NEIL RUNDRELL

SIGNATURE OF CONTRACTOR'S RIG MANAGER
TYLER ELL

DAILY CHECKS
(1) Daily Walk Around Inspection
(2) Detailed Inspection Weekly (Using Check List)
(3) 1-25 Signs Posted & Required
(4) Well License & Risk Diagram Posted
(5) Flare Lines Staked
(6) BOP Cables Performed
(7) Visually Inspected BOP's, Flare Lines & Dragger Lines
(8) Rig Site Health & Safety Meeting (one-on-one)
(9) AODC Rig Safety Inspection Checklist (one-on-one)
(10) Well Inspection before Flaring or Lowering
(11) Crown Saver Checked
(12) Motor Hops Checked

YEAR
2007

MONTH
2

DAY
18

LAST CASING
TUBING
OR
LINER
210 125 73 35 72 IPSCO
139 7 125 73 23 07 IPSCO

TEMPERATURE
CURRENT CONDITIONS
WIND DIRECTION
WIND VELOCITY
ICE

DO
DP
SIZE
MASS
GRADE
STD
58 150 4" H90 4
121 69.5 57 123 3" 1/2 IF 16
101 21.4 E 66 127 4" FH 154

MINIMUM
I.D.
1/4" J-BOX
1/4" H90
4
BPMMP
EMSCO
229

NO OF JOINTS
PUMP MANUFACTURER
STROKE
LENGTH

NO OF JOINTS
TOTAL LENGTH
KBITO
CSD HEAD
SET AT (ft)

4
4
4

DRILLING CREW PAYROLL DATA

WELL NAME & NO
PARA ET AL CAMERON L-73

YEAR
2007

MONTH
2

DAY
18

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

RIG MANAGER
TYLER ELL

RIG NO
129

PROVINCE
N.W.T.

CAMP
☒ YES
☐ NO

RIG SAFETY DAYS
59

RATE SCHEDULE
☒ REGULAR
☐ REPAIR
☐ INVERT

CREW SAFETY DAYS
DRIVERS
DARRELL IZZARD

DAY TOUR
FROM 800 TO 2000

CREW
SOC INS. NO.
NAME
HRS
YES
NO

DRILLER
DEAN PODOLSKI
8.00
DP

DERRICKHAND
NEIL HALFE
8.00
NH

MOTOR HAND
KIRK LYLK
8.00
KL

FLOORHAND
VOYTO DURECH
8.00
VD

FLOORHAND
DARRELL IZZARD
8.00
DI

DRIVER
TYLER ELL
1.00
DAY
TE

DRILLING CREW PAYROLL DATA

WELL NAME & NO
PARA ET AL CAMERON L-73

YEAR
2007

MONTH
2

DAY
18

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

RIG MANAGER
TYLER ELL

RIG NO
129

PROVINCE
N.W.T.

CAMP
☒ YES
☐ NO

RIG SAFETY DAYS
59

RATE SCHEDULE
☒ REGULAR
☐ REPAIR
☐ INVERT

CREW SAFETY DAYS
DRIVERS
DARRELL IZZARD

DAY TOUR
FROM 2000 TO 2400

CREW
SOC INS. NO.
NAME
HRS
YES
NO

DRILLER
DEAN PODOLSKI
4.00
DP

DERRICKHAND
NEIL HALFE
4.00
NH

MOTOR HAND
KIRK LYLK
4.00
KL

FLOORHAND
VOYTO DURECH
4.00
VD

FLOORHAND
DARRELL IZZARD
4.00
DI

DRIVER
TYLER ELL
1.00
DAY
TE

DRILLING CREW PAYROLL DATA

WELL NAME & NO
PARA ET AL CAMERON L-73

YEAR
2007

MONTH
2

DAY
18

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

RIG MANAGER
TYLER ELL

RIG NO
129

PROVINCE
N.W.T.

CAMP
☒ YES
☐ NO

RIG SAFETY DAYS
59

RATE SCHEDULE
☒ REGULAR
☐ REPAIR
☐ INVERT

CREW SAFETY DAYS
DRIVERS
DARRELL IZZARD

DAY TOUR
FROM 800 TO 2000

CREW
SOC INS. NO.
NAME
HRS
YES
NO

DRILLER
DEAN PODOLSKI
12.00
MM

DERRICKHAND
ADAM OAKE
12.00
AO

MOTOR HAND
JASON BICKERT
12.00
JB

FLOOR HAND
TYLER FINNEY
12.00
TF

FLOOR HAND
CAMERON MACKAY
12.00
CM

DRILLING CREW PAYROLL DATA

WELL NAME & NO
PARA ET AL CAMERON L-73

YEAR
2007

MONTH
2

DAY
18

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

RIG MANAGER
TYLER ELL

RIG NO
129

PROVINCE
N.W.T.

CAMP
☒ YES
☐ NO

RIG SAFETY DAYS
59

RATE SCHEDULE
☒ REGULAR
☐ REPAIR
☐ INVERT

CREW SAFETY DAYS
DRIVERS
DARRELL IZZARD

DAY TOUR
FROM 2000 TO 2400

CREW
SOC INS. NO.
NAME
HRS
YES
NO

DRILLER
DEAN PODOLSKI
4.00
DP

DERRICKHAND
NEIL HALFE
4.00
NH

MOTOR HAND
KIRK LYLK
4.00
KL

FLOORHAND
VOYTO DURECH
4.00
VD

FLOORHAND
DARRELL IZZARD
4.00
DI

DRIVER
TYLER ELL
1.00
DAY
TE

LICENCE NO: 1159 WELL NAME & NO: PARA ET AL CAMERON L-73

OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION: 60:02:38.30 N 117:29:54.30 W UNIQUE ID: 100/60-10-117-15/0

SIGNATURE OF OPERATORS REPRESENTATIVE: NEIL RUNDELL SIGNATURE OF CONTRACTORS RIG MANAGER: TYLER ELL

DAILY CHECKS: (1) Daily Visual Around Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) 1/25 Signs Posted if Required (4) Visual Location & Block Diagram Filled (5) Flare Lines Staked (6) 1800 Drive Parameters (7) Visually Inspect BOP's - Flare Lines & Dogger Lines (8) Rig Site Health & Safety Meeting (underground) (9) CAODC Rig Safety Inspection Checklist (underground) (10) Mass Inspection before Raising or Lowering (11) Crown Saver Checked (12) Motor Mho Checked

YEAR: 2007 MONTH: 2 DAY: 20

LAST CASING TURNING: 219.1 205.9 35.72 138.7 125.73 23.07

OD (mm): 219.1 205.9 35.72 138.7 125.73 23.07

MASS (kg/m): 138.7 125.73 23.07

GRADE: J55 J55

NO. OF JOINTS: 32 436.48

TOTAL LENGTH: 436.48

KB TO CSO HEAD: 4

SET AT (m): 436

STROKE LENGTH: 229

RENTALS / SERVICES: IT38 LOADER CREW VEHICLE

DRILLING CREW PAYROLL DATA: PARA ET AL CAMERON L-73 YEAR: 2007 MONTH: 2 DAY: 20 OPERATOR: PARAMOUNT RESOURCES LTD. CONTRACTOR NAME: PRECISION DRILLING, DIV OF PDC RIG NO: 129 RIG MANAGER: TYLER ELL PROVINCE: N.W.T. CAMP: X YES NO RIG SAFETY DAYS: 61

MORNING TOUR: CREW: SOC INS. NO. NAME HRS YES NO DRILLER: MAGELLA MAINGUY 8.00 MM DERRICKHAND: ADAM OAKE 8.00 AO MOTORHAND: JASON BICKERT 8.00 JS FLOOR HAND: TYLER FINNEY 8.00 TF FLOORHAND: CAMERON MACKAY 8.00 CM

DAY TOUR: CREW: SOC INS. NO. NAME HRS YES NO DRILLER: DEAN PODOLSKI 12.00 DP DERRICKHAND: NEIL HALFE 12.00 NH MOTORHAND: KIRK LYLYK 12.00 KL FLOORHAND: VOYTO DURECH 12.00 VD FLOORHAND: DARRELL IZZARD 12.00 DI

EVENING TOUR: CREW: SOC INS. NO. NAME HRS YES NO DRILLER: RYAN OXNER 4.00 RO DERRICKHAND: PETER MATUSKA 4.00 PM MOTORHAND: CHRIS HUNNEMAN 4.00 CH FLOOR HAND: IVAN CINDRIC 4.00 IC FLOORHAND: RANDAL ROCHAT 4.00 RR

LICENCE NO
1159

WELL NAME & NO
PARA ET AL CAMERON L-73

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION
60-02:38.30 N 117-29:54.30 W

UNIQUE ID
100/60-10-117-15/0

SIGNATURE OF OPERATOR'S REPRESENTATIVE
NEIL RUNDELL

SIGNATURE OF CONTRACTOR'S RIG MANAGER
TYLER ELL

DAILY CHECKS
(1) Daily Visual Around Inspection
(2) Detailed Inspection - Weekly (Using Check List)
(3) >25 Signs Posted if Required
(4) Well License & Sign Diagram Posted
(5) Flare Lines Staked
(6) BOP Data Performed
(7) Visually Inspect BOP, Flare Lines & Dragger Lines
(8) Rig Size Health & Safety Meeting (once/monthly)
(9) CAODC Rig Safety Inspection Checklist (once/monthly)
(10) Check Inspection before Raising or Lowering
(11) Crown Saver Checked
(12) Motor Hubs Checked

OPERATOR
MR. TE

DATE
2007

MONTH
2

DAY
21

LAST CASING
TUBING
OR LINER
FUEL @ 1000 HRS
139.7

OD (IN)
219.1

MIN ID (IN)
205.9

MASS (LBS)
35.72

MAKE
PSCC

GRADE
J55

NO OF JOINTS
32

TOTAL LENGTH
439.48

KB TO CSG HEAD
4

SET AT (ft)
430

TEMPERATURE
20

DC/OP
SIZE
152

MASS
122

GRADE
STD

MINIMUM ID
58

1 INCH O.D.
150

1 INCH THREAD
4"

NO OF JOINTS
4

PUMP MANUFACTURER
EMSCO

STROKE LENGTH
229

CURRENT CONDITIONS
LOAD
DC 121

WIRE DIRECTION
SE

57

123

3 1/2 IF 16

F-800

TEMPERATURE
ICE

DP 101

21.4

E

66

127

4" FH

154

DRILLING CREW PAYROLL DATA

WELL NAME & NO
PARA ET AL CAMERON L-73

YEAR
2007

MONTH
2

DAY
21

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

RIG MANAGER
TYLER ELL

RIG NO.
129

PROVINCE
N.W.T.

CAMP
☒ YES

NO
☐

RIG SAFETY DAYS
62

RATE SCHEDULE
☒ REGULAR

REPAIR
☐

INVERT
☐

CREW SAFETY DAYS

DRIVERS
RANDAL ROCHAT

DAY TOUR

FROM
800

TO
2000

IN HOURS

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER
DEAN PODOLSKI

12.00

DP

DERRICK HAND
NEIL HALFE

12.00

NH

MOTOR HAND
KIRK LYLKY

12.00

HL

FLOOR HAND
VOYT DURECH

12.00

VD

FLOOR HAND
DARRELL IZZARD

12.00

DI

DRILLING CREW PAYROLL DATA

WELL NAME & NO
PARA ET AL CAMERON L-73

YEAR
2007

MONTH
2

DAY
21

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

RIG MANAGER
TYLER ELL

RIG NO.
129

PROVINCE
N.W.T.

CAMP
☒ YES

NO
☐

RIG SAFETY DAYS
62

RATE SCHEDULE
☒ REGULAR

REPAIR
☐

INVERT
☐

CREW SAFETY DAYS

DRIVERS
RANDAL ROCHAT

DAY TOUR

FROM
800

TO
2000

IN HOURS

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER
DEAN PODOLSKI

12.00

DP

DERRICK HAND
NEIL HALFE

12.00

NH

MOTOR HAND
KIRK LYLKY

12.00

HL

FLOOR HAND
VOYT DURECH

12.00

VD

FLOOR HAND
DARRELL IZZARD

12.00

DI

DRILLING CREW PAYROLL DATA

WELL NAME & NO
PARA ET AL CAMERON L-73

YEAR
2007

MONTH
2

DAY
21

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

RIG MANAGER
TYLER ELL

RIG NO.
129

PROVINCE
N.W.T.

CAMP
☒ YES

NO
☐

RIG SAFETY DAYS
62

RATE SCHEDULE
☒ REGULAR

REPAIR
☐

INVERT
☐

CREW SAFETY DAYS

DRIVERS
RANDAL ROCHAT

DAY TOUR

FROM
800

TO
2000

IN HOURS

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER
DEAN PODOLSKI

12.00

DP

DERRICK HAND
NEIL HALFE

12.00

NH

MOTOR HAND
KIRK LYLKY

12.00

HL

FLOOR HAND
VOYT DURECH

12.00

VD

FLOOR HAND
DARRELL IZZARD

12.00

DI

DRILLING CREW PAYROLL DATA

WELL NAME & NO
PARA ET AL CAMERON L-73

YEAR
2007

MONTH
2

DAY
21

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

RIG MANAGER
TYLER ELL

RIG NO.
129

PROVINCE
N.W.T.

CAMP
☒ YES

NO
☐

RIG SAFETY DAYS
62

RATE SCHEDULE
☒ REGULAR

REPAIR
☐

INVERT
☐

CREW SAFETY DAYS

DRIVERS
RANDAL ROCHAT

DAY TOUR

FROM
800

TO
2000

IN HOURS

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER
DEAN PODOLSKI

12.00

DP

DERRICK HAND
NEIL HALFE

12.00

NH

MOTOR HAND
KIRK LYLKY

12.00

HL

FLOOR HAND
VOYT DURECH

12.00

VD

FLOOR HAND
DARRELL IZZARD

12.00

DI

DRILLING CREW PAYROLL DATA

WELL NAME & NO
PARA ET AL CAMERON L-73

YEAR
2007

MONTH
2

DAY
21

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

RIG MANAGER
TYLER ELL

RIG NO.
129

PROVINCE
N.W.T.

CAMP
☒ YES

NO
☐

RIG SAFETY DAYS
62

RATE SCHEDULE
☒ REGULAR

REPAIR
☐

INVERT
☐

CREW SAFETY DAYS

DRIVERS
RANDAL ROCHAT

DAY TOUR

FROM
800

TO
2000

IN HOURS

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER
DEAN PODOLSKI

12.00

DP

DERRICK HAND
NEIL HALFE

12.00

NH

MOTOR HAND
KIRK LYLKY

12.00

HL

FLOOR HAND
VOYT DURECH

12.00

VD

FLOOR HAND
DARRELL IZZARD

12.00

DI

Form containing various sections: OPERATOR, CONTRACTOR NAME, DAILY CHECKS, TIME LOG, METRES DRILLED, MUD RECORD, BIT RECORD, and CREW SAFETY DAYS. Includes fields for well name, location, and crew details.



PASON DATAHUB

1159 PARA ET AL CAMERON L-73

CONTRACTOR NAME: PRECISION DRILLING, DIV OF PDC

UNIQUE ID: 100/60-10-117-15/0

SIGNATURE OF OPERATOR'S REPRESENTATIVE: NEIL RUNDELL

SIGNATURE OF CONTRACTOR'S RIG MANAGER: TYLER ELL

DRILLING CREW PAYROLL DATA

DRILLER: RYAN OXNER

DERRICK HAND: PETER MATUSKA

MOTOR HAND: CHRIS HUNNEMAN

FLOOR HAND: IVAN CINDRIC

FLOORHAND: RANDAL ROCHAT

RIG MANAGER: TYLER ELL

DRILLER: DEAN PODOLSKI

DERRICK HAND: NEIL HALFE

MOTOR HAND: KIRK LYLK

FLOOR HAND: VOYOT DURECH

FLOORHAND: DARRELL IZZARD

DRILLER: RYAN OXNER

DERRICK HAND: PETER MATUSKA

MOTOR HAND: CHRIS HUNNEMAN

FLOOR HAND: IVAN CINDRIC

FLOORHAND: RANDAL ROCHAT

LICENCE NO 1159 WELL NAME & NO PARA ET AL CAMERON L-73

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION 60:02:38.30 N 117:29:54.30 W SIGNATURE OF OPERATOR'S REPRESENTATIVE NEIL RUNDELL SIGNATURE OF CONTRACTOR'S RIG MANAGER TYLER ELL

DAILY CHECKS (1) Daily Walk Around Inspection (2) Drilled Inspection - Velocity Using Check (lit) (3) H2S Signs Posted if Required (4) Well Licence & Stick Diagram Posted (5) Flow Lines Stated (6) BOP Dials Performed (7) Visually Inspect BOP's - Flow Lines & Degasser Lines (8) CASCO Rig Safe Inspection Checklist (weekly/monthly) (9) Mast Inspection before Raising or Lowering (10) Crown Saver Checked (11) Motor Safe Checked

YEAR 2007 MONTH 2 DAY 24

LAST CASING TUBING OR LINER 219.1 205.9 35.72 IPSCO 139.7 125.73 23.07 IPSCO

GRACE 32 436.48 4 436

NO OF JOINTS 32 TOTAL LENGTH 436.48 KBITO CSO HEAD 4

SET AT (H) 436

SPUD DATE: 2007/02/18 TIME 09:45

RIG RELEASE: VERT TIME NO

WELL TYPE: VERT REENTRY: NO

OPERATOR'S AFE OTN710027

WELL NUMBER 33

CONTRACTOR'S JOB NO 750

TOUR SHEET SERIAL NUM PREC129_20070224_1B

VENDOR SOFTWARE VERSION EDR 3-24 HF2 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO PARA ET AL CAMERON L-73 YEAR 2007 MONTH 2 DAY 24

OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME PRECISION DRILLING, DIV OF PDC

RIG MANAGER TYLER ELL RIG NO 129

PROVINCE N.W.T. CAMP X YES NO RIG SAFETY DAYS 66

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS RANDAL ROCHAT

DAY TOUR FROM 800 TO 2000 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER RYAN OXNER 8.00 RO

DERRICK HAND PETER MATUSKA 8.00 PM

MOTORHAND CHRIS HUNNEMAN 8.00 CH

FLOOR HAND IVAN CINDRIC 8.00 IC

FLOORHAND RANDAL ROCHAT 8.00 RR

RIG MANAGER TYLER ELL 1.00 DAY TE

DAY TOUR FROM 800 TO 2000 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER DEAN PODOLSKI 12.00 DP

DERRICK HAND NEIL HALFE 12.00 NH

MOTOR HAND KIRK LYLK 12.00 KL

FLOOR HAND VOYTO DURECH 12.00 VD

FLOORHAND DARRELL IZZARD 12.00 DI

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS DARRELL IZZARD

DAY TOUR FROM 2000 TO 2400 INJURIES

CREW SOC INS. NO. NAME HRS YES NO

DRILLER RYAN OXNER 4.00 RO

DERRICK HAND PETER MATUSKA 4.00 PM

MOTORHAND CHRIS HUNNEMAN 4.00 CH

FLOOR HAND IVAN CINDRIC 4.00 IC

FLOORHAND RANDAL ROCHAT 4.00 RR

RATE SCHEDULE X REGULAR REPAIR INVERT

CREW SAFETY DAYS DRIVERS RANDAL ROCHAT

Well Name & NO: PARA ET AL CAMERON L-73

Operator: PARAMOUNT RESOURCES LTD.

Contractor Name: PRECISION DRILLING, DIV OF PDC

Signature of Operator's Representative: NEIL RUNDRELL

Signature of Contractor's Rig Manager: TYLER ELL

Drilling Crew Payroll Data (Morning Tour):

Crew	Soc Ins. No.	Name	Hrs	Yes	No
DRILLER		RYAN OXNER	8.00		RO
DERRICK HAND		PETER MATUSKA	8.00		PM
MOTOR HAND		CHRIS HUNNEMAN	8.00		CH
FLOOR HAND		IVAN CINDRIC	8.00		IC
FLOOR HAND		RANDAL ROCHAT	8.00		RR
RIG MANAGER		TYLER ELL	1.00	DAY	TE

Drilling Crew Payroll Data (Day Tour):

Crew	Soc Ins. No.	Name	Hrs	Yes	No
DRILLER		DEAN PODOLSKI	12.00		DP
DERRICK HAND		NEIL HALFE	12.00		NH
MOTOR HAND		KIRK LYLK	12.00		KL
FLOOR HAND		VOYTO DURECH	12.00		VD
FLOOR HAND		DARRELL IZZARD	12.00		DI

Drilling Crew Payroll Data (Evening Tour):

Crew	Soc Ins. No.	Name	Hrs	Yes	No
DRILLER		RYAN OXNER	4.00		RO
DERRICK HAND		PETER MATUSKA	4.00		PM
MOTOR HAND		CHRIS HUNNEMAN	4.00		CH
FLOOR HAND		IVAN CINDRIC	4.00		IC
FLOOR HAND		RANDAL ROCHAT	4.00		RR

[illegible]

LICENCE NO
1159

WELL NAME & NO
PARA ET AL CAMERON L-73

OPERATOR
PARAMOUNT RESOURCES LTD.

SURFACE LOCATION
60:02:38.30 N 117:29:54.30 W

SIGNATURE OF OPERATORS REPRESENTATIVE
NEIL RUNDELL

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

UNIQUE ID
100/60-10-117-15/0

SIGNATURE OF CONTRACTORS RIG MANAGER
TYLER ELL

DAILY CHECKS
(1) Daily Walk Around Inspection
(2) Drilled Inspection - Visually (Using Check List)
(3) H2S Signs Posted if Required
(4) Well Licence & Stick Diagram Fused
(5) Flare Lines Banded
(6) BOP Drills Performed
(7) Visually Inspect BOP, Flare Lines & Degasser Lines
(8) Rig Site Health & Safety Meeting (onebeforework)
(9) CAODC Rig Start Inspection Checklist (onebeforework)
(10) Mast Inspection before Raising or Lowering
(11) Crown Saver checked
(12) Motor with checked

YEAR 2007 MONTH 2 DAY 27

LAST CASING TUBING OF UNIF
O.D. (mm) 219.1 205.9 35.72 IPSCO
I.D. (mm) 139.7 125.73 23.07 IPSCO
MASS (kg/m) 2500
TEMPERATURE
FUEL @ 08:00 HRS
DC/OP SIZE
DC/OP SIZE
MASS
GRADE
MINIMUM I.D. 1 INI
O.D. 1 YH
THREAD
NO. OF JOINTS
PUMP 1 YH
PUMP MANUFACTURER
STROKE LENGTH
NO. 1 TYPE BRAND
SPECS CHANGED NO
NEW USED
TOP
MIDDLE
BOTTOM
SHALE SHALE
TYP
RENTALS / SERVICES
MORN
DAY
EVE

NO. 1
BIT
TORSIONAL SUB
FDC
X.O.
4 3/4 COLLAR
JAR
4 3/4 COLLAR
H.W.D.P.
X.O.

LENGTH
O.D. 29
285
285
151 84
121 37.12
122 5.13
121 112.17
121 57.14
121 29

BIT NO. 2
SIZE 200
VAREL
MKS55
1786
7X 9.5

MUD RECORD
MUD TYPE: GEL-CHEM
WATER BASED [X] OIL BASED []
TIME 290
DENSITY (kg/m3) 1180
FUNNEL VISCOSITY 55
FLUID LOSS (cm) 8
pH 9

METRES DRILLED
FROM TO DR-C RPM WOB
1419 1450 D 110 6
15 30 600 5.50 2
600 700 1.00 5
700 800 1.00 6
800

TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
SAFETY MEETING (BUDDY SYSTEM)
RIG SERVICE/FIT ANNUAL 13SEC/CL 11 SEC/OP
DRILL ACTUAL (1419M-1450M)
CIRCULATE BOTTOM HOLE SAMPLE AND CONDITION MUD @ 1450m
WPER TRIP TO SHOE F/C @ 1450m, 1378m, 725m, 430m

MUD MATERIALS ADDED
PRODUCT AMOUNT UNIT
CAUSTIC 2 SK
SODA ASH 7 SK
KELZAN XCD 1 SK
BARITE 12 SK

SOLIDS CONTROL
CENTRIFUGE
HOURS RUN INTAKE OVER UNDER
DENSITY (kg/m3) FLOW DENSITY
8 1180 1140 1600
HOURS RUN INTAKE OVER UNDER
DENSITY (kg/m3) FLOW DENSITY
8 1180 1140 1600

CIRCUULATION PRESSURE
KPA
PUMP NO. 1
UNIQ SIZE 3PM
PUMP NO. 2
UNIQ SIZE 3PM

REDUCED PUMP SPEED
2200 @ 68 @ 1450

DEVIATION SURVEYS
DEPTH (m) DEVIATION DIRECTION
1450 5

BOILERS
HRS RUN 8 HRS RUN 0
BOILER #12 BOILER #1
STACK TEMP 325 STACK TEMP

CUTTING STRUCTURE
TI To VDC LOC BRO GADE ODC REASON PULLED TOTAL RUN RHR
13.4

HOLE CONDITION
HOLE DRAG 2UP 3DN
TORQUE AT BOTTOM 0
FILL ON BOTTOM (m) 0

DRILLER SIGNATURE
DEAN PODOLSKI

SPECIAL EVENT
TIME / DEPTH

SAFETY TONGS MBL MGR
6462

NO. 1
BIT
TORSIONAL SUB
FDC
X.O.
4 3/4 COLLAR
JAR
4 3/4 COLLAR
H.W.D.P.
X.O.

LENGTH
O.D. 29
285
285
151 84
121 37.12
122 5.13
121 112.17
121 57.14
121 29

BIT NO. 2
SIZE 200
VAREL
MKS55
1786
7X 9.5

MUD RECORD
MUD TYPE: GEL-CHEM
WATER BASED [X] OIL BASED []
TIME 1000
DENSITY (kg/m3) 1170
FUNNEL VISCOSITY 70
FLUID LOSS (cm) 8
pH 8.5

METRES DRILLED
FROM TO DR-C RPM WOB
1358 1450 R 120 1.5
1030 1045 0.25 7
1045 1100 0.25 21
1100 1300 2.00 6
1300 1530 2.50 3
1530 1730 2.00 5
1730 2000 2.50 6
2000

TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
POOH F/C @ 725m, 430m
RIG SERVICE / PIPE RAMS CL 2 SEC OP 2 SEC
SAFETY MEETING (TRIPPING)
RH KELLY UP ALL TIGHT SPOTS TO REAM F/C @ 725M
REAMING FROM 1358M TO 1450M
CONDITION MUD & CIRCULATE
POOH TO LOG F/C @ 1450m, 1378m, 725m, 430m, 0

MUD MATERIALS ADDED
PRODUCT AMOUNT UNIT
CAUSTIC 2 SK
SODA ASH 15 SK
OEL 15 SK
SAMOUST 5 SK

SOLIDS CONTROL
CENTRIFUGE
HOURS RUN INTAKE OVER UNDER
DENSITY (kg/m3) FLOW DENSITY
12 1180 1170 1560
HOURS RUN INTAKE OVER UNDER
DENSITY (kg/m3) FLOW DENSITY
12 1180 1170 1560

CIRCUULATION PRESSURE
KPA
PUMP NO. 1
UNIQ SIZE 3PM
PUMP NO. 2
UNIQ SIZE 3PM

REDUCED PUMP SPEED
2575 @ 68 @ 1390

DEVIATION SURVEYS
DEPTH (m) DEVIATION DIRECTION
2575 @ 68 @ 1390

BOILERS
HRS RUN 12 HRS RUN 0
BOILER #12 BOILER #1
STACK TEMP 325 STACK TEMP

CUTTING STRUCTURE
TI To VDC LOC BRO GADE ODC REASON PULLED TOTAL RUN RHR

HOLE CONDITION
HOLE DRAG 1UP 2 DOWN
TORQUE AT BOTTOM 0
FILL ON BOTTOM (m) 0

DRILLER SIGNATURE
RYAN OXNER

SPECIAL EVENT
TIME / DEPTH

SAFETY TONGS MBL MGR
6376

NO. 1
BIT
TORSIONAL SUB
FDC
X.O.
4 3/4 COLLAR
JAR
4 3/4 COLLAR
H.W.D.P.
X.O.

LENGTH
O.D. 29
285
285
151 84
121 37.12
122 5.13
121 112.17
121 57.14
121 29

BIT NO. 2
SIZE 200
VAREL
MKS55
1786
7X 9.5

MUD RECORD
MUD TYPE: GEL-CHEM
WATER BASED [X] OIL BASED []
TIME 2000
DENSITY (kg/m3) 1180
FUNNEL VISCOSITY 85
FLUID LOSS (cm) 8
pH 10

METRES DRILLED
FROM TO DR-C RPM WOB
2000 2015 0.25 7
2015 2100 0.75 21
2100 2400 3.00 6
2400

TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
RIG SERVICE (F/T HCR OP 2 SEC / CL 2 SEC)
SAFETY MEETING (H2S DRILL WITH NEW CREW)
POOH TO LOG F/C @ 1450m, 1378m, 750m, 430m, 0m

MUD MATERIALS ADDED
PRODUCT AMOUNT UNIT
CAUSTIC 2 SK
SODA ASH 15 SK
OEL 15 SK
SAMOUST 5 SK

SOLIDS CONTROL
CENTRIFUGE
HOURS RUN INTAKE OVER UNDER
DENSITY (kg/m3) FLOW DENSITY
4 1180 1170 1620
HOURS RUN INTAKE OVER UNDER
DENSITY (kg/m3) FLOW DENSITY
4 1180 1170 1630

CIRCUULATION PRESSURE
KPA
PUMP NO. 1
UNIQ SIZE 3PM
PUMP NO. 2
UNIQ SIZE 3PM

REDUCED PUMP SPEED
2575 @ 68 @ 1450

DEVIATION SURVEYS
DEPTH (m) DEVIATION DIRECTION
2575 @ 68 @ 1450

BOILERS
HRS RUN 4 HRS RUN 0
BOILER #12 BOILER #1
STACK TEMP 580 STACK TEMP

CUTTING STRUCTURE
TI To VDC LOC BRO GADE ODC REASON PULLED TOTAL RUN RHR

HOLE CONDITION
HOLE DRAG 1UP 2 DOWN
TORQUE AT BOTTOM 0
FILL ON BOTTOM (m) 0

DRILLER SIGNATURE
MAGELLA MAINGUY

SPECIAL EVENT
TIME / DEPTH

SAFETY TONGS MBL MGR
6376

DATE 2007/02/18 TIME 09:45

RIG RELEASED

WELL TYPE VERT

OPERATOR'S SIGNATURE 07N710027

WELL NO. 33

CONTRACTOR'S SIGNATURE 750

TOUR SHEET SERIAL NUM PREC129_20070227_1B

VENDOR SOFTWARE VERSION EDR 3-2-4 HF2 ETS 2.2

CAODC

PASON DATAHUB

DRILLING RIG PAYROLL DATA

WELL NAME & NO. PARA ET AL CAMERON L-73

YEAR 2007 MONTH 2 DAY 27

OPERATOR PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME PRECISION DRILLING, DIV OF PDC

RIG MANAGER TYLER ELL

RIG NO. 129

PROVINCE N.W.T.

CAMP X YES

RIG SAFETY DAYS 68

RATE SCHEDULE X REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

DARRELL IZZARD

DAY TOUR

FROM 800 TO 2000

INJURES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

DEAN PODOLSKI

8.00

DP

DERRICK/HAND

NEIL HALFE

8.00

NH

MOTOR HAND

KIRK LYLK

8.00

KL

FLOOR HAND

DARRELL IZZARD

8.00

DI

RIG MANAGER

TYLER ELL

1.00

DAY

TE

RATE SCHEDULE X REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

DARRELL IZZARD

DAY TOUR

FROM 800 TO 2000

INJURES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

RYAN OXNER

12.00

RO

DERRICK/HAND

PETER MATUSKA

12.00

PM

MOTOR HAND

CHRIS HUNNEMAN

12.00

CH

FLOOR HAND

IVAN CINDRIC

12.00

IC

FLOOR HAND

RANDAL ROCHAT

12.00

RR

RATE SCHEDULE X REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

RANDAL ROCHAT

DAY TOUR

FROM 2000 TO 2400

INJURES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

MAGELLA MAINGUY

4.00

MM

DERRICK/HAND

ADAM OAKE

4.00

AO

MOTOR HAND

JASON BICKERT

4.00

JB

FLOOR HAND

TYLER FINNEY

4.00

TF

FLOOR HAND

CAMERON MACKAY

4.00

CM

RATE SCHEDULE X REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

CAMERON MACKAY

LICENCE NO
1159

WELL NAME & NO
PARA ET AL CAMERON L-73

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PDC

UNIQUE ID
100/60-10-117-15/0

SURFACE LOCATION
60:02:38.30 N 117:29:54.30 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE
NEIL RUNDLELL

DAILY CHECKS

OPERATOR'S SIGNATURE
TYLER ELL

TEMPERATURE

SHALE SHAVER(S)

RENTALS / SERVICES

TIME LOG

DRILLING ASSEMBLY

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DRILLING ASSEMBLY

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DRILLING ASSEMBLY

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

CAODC

PASON DATAHUB

1159

WELL NAME & NO

PARA ET AL CAMERON L-73

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

60:02:38.30 N 117:29:54.30 W

100/60-10-117-15/0

NEIL RUNDELL

TYLER ELL

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

VERT

OPERATOR'S NAME

07N710027

CONTRACTOR'S JOB NO

750

TOUR SHEET SERIAL NO

PREC129_20070301_1C

VENUEOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

WELL NAME & NO

PARA ET AL CAMERON L-73

OPERATOR

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

70

DATE

2007

MONTH

3

DAY

1

TIME

11:55

WELL TYPE

Well Name & No: 1159 PARA ET AL CAMERON L-73

Operator: PARAMOUNT RESOURCES LTD. Precision Drilling, Div of PDC

Surface Location: 60:02:38.30 N 117:29:54.30 W

Signature of Operator's Representative: NEIL RUNDRELL

Contractor Name: Precision Drilling, Div of PDC

Unique ID: 100/60-10-117-15/0

Signature of Contractor's Rig Manager: TYLER ELL

Day Checks: 1) Daily Walk Around Inspection, 2) Detailed Inspection - Weekly (Using Check List), 3) In-28 Signs Posted & Required, 4) Well License & Stick Diagram Posted, 5) Flare Lines Staked, 6) BOP Daily Permitted, 7) Visually Inspect BOPs: Flare Lines & Depressure Lines, 8) Rig Site Health & Safety Meeting (under each drill), 9) CAODC Rig Safety Inspection Checklist (on high ground), 10) Mead Inspection before Raising or Lowering, 11) Crown Saver Checked, 12) Motor Wills Checked

Well Data: 219.1, 205.9, 35.72, 139.7, 125.73, 23.07, 111, 1450.82, 4, 430, 111, 1450.82, 4, 1450

Drilling Crew Payroll Data: Morning Tour (0 to 800), Day Tour (800 to 2000), Evening Tour (2000 to 2400)

Crew: DRILLER: MAGELLA MAINGUY, DERRICKHAND: ADAM OAKE, MOTORHAND: JASON BICKERT, FLOOR HAND: TYLER FINNEY, FLOORHAND: CAMERON MACKAY, RIG MANAGER: TYLER ELL

Day Tour Crew: DRILLER: RYAN OXNER, DERRICK HAND: PETER MATUSKA, MOTORHAND: CHRIS HUNNEMAN, FLOOR HAND: IVAN CINDRIC, FLOORHAND: RANDAL ROCHAT

Evening Tour Crew: NO CREW

1159

WELL NAME & NO

PARAMOUNT RESOURCES LTD.

60:02:38.30 N 117:29:54.30 W

NEIL RUNDRELL

PARA ET AL CAMERON L-73

PRECISION DRILLING, DIV OF PDC

100/60-10-117-15/0

TYLER ELL

CONTRACTOR NAME

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 if Required

4) Well Licensed & Stock Diagram Filled

5) Flare Lines Staked

6) 180° Drills Fenced

7) Visually Inspect BOPs, Flare Lines & Depressure Lines

8) Rig Site Health & Safety Meeting (on breakdowns)

9) CAODC Rig Safe Inspection Checklist (on breakdowns)

10) Make Inspection before Raising or Lowering

11) Crown Saver Checked

12) Motor Kilo Checked

YEAR 2007

MONTH 3

DAY 3

LAST CASING TUBING OR LINER

219.1

205.9

35.72

IPSCO

32

436.48

4

436

139.7

125.73

23.07

IPSCO

365

111

1450.82

4

1450

TEMPERATURE

30

DO

DP

SIZE

MASS

GRADE

MINIMUM ID

1 IN

OD

1 IN

THREAD

NO OF JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

229

CURRENT CONDITIONS

WIND DIRECTION

WIND SPEED

TEMPERATURE

ICE

DC

DP

152

122

STD

58

150

4" H90

4

BPMM

EMSCO

F-800

DO

DP

101

214

E

66

127

4" FH

154

DRILL DATE

2007/02/18

TIME

09:45

RIG RUN APP

2007/03/01

TIME

18:00

WELL TYPE

VERT

REENTRY

NO

OPERATOR'S A/E

67N710027

WELL YDS/H

33

3P FUEL

CONTRACTOR'S JOB NUM

750

TOUR SHEET SERIAL NUM

PREC129_20070303_1B

VENOR SOFTWARE VERSION

EDR 3-24 HF2 ETS 2.2

CAODC

PASON DATAHUB

CODE NO

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

TOTALS

SHALE SHAVER(S)

RENTALS / SERVICES

MORN

DAY

EVE

WORN

DAY

EVE

TOTAL

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 SHAVER(S)

RENTALS / SERVICES

MORN

DAY

EVE

WORN

DAY

EVE

TOTAL

BIT RECORD

BIT NO.

SIZE

WDC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT (ft)

DEPTH IN (ft)

TOTAL DRILLED (ft)

TOTAL HRS RUN

CUTTING STRUCTURE

T1

T2

WDC

LOC

PRO

GAGE

ODC

REASON PULLED

TOTAL RUN

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

TILL ON BOTTOM (ft)

MORNING TOUR

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D.R.C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

MUD RECORD

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNI

SOLIDS CONTROL

CENTRIFUGE

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

HRS RUN

4

HRS RUN

0

DRILLER SIGNATURE

SPECIAL EVENT

TIME / DEPTH

SAFETY TORQUE

MDL

MDL

METRES DRILLED

FROM

TO

D.R.C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

TIME LOG

NO

1

TYPE

BRAND

TYPE

SCREENS

CHANGED

NEW

USED

CREW VEHICLE

TOP

MIDDLE

BOTTOM

BIT RECORD

BIT NO.

SIZE

WDC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT (ft)

DEPTH IN (ft)

TOTAL DRILLED (ft)

TOTAL HRS RUN

CUTTING STRUCTURE

T1

T2

WDC

LOC

PRO

GAGE

ODC

REASON PULLED

TOTAL RUN

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

TILL ON BOTTOM (ft)

DAY TOUR

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D.R.C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

MUD RECORD

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNI

SOLIDS CONTROL

CENTRIFUGE

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

HRS RUN

0

HRS RUN

0

DRILLER SIGNATURE

SPECIAL EVENT

TIME / DEPTH

SAFETY TORQUE

MDL

MDL

METRES DRILLED

FROM

TO

D.R.C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

TIME LOG

NO

1

TYPE

BRAND

TYPE

SCREENS

CHANGED

NEW

USED

CREW VEHICLE

TOP

MIDDLE

BOTTOM

BIT RECORD

BIT NO.

SIZE

WDC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT (ft)

DEPTH IN (ft)

TOTAL DRILLED (ft)

TOTAL HRS RUN

CUTTING STRUCTURE

T1

T2

WDC

LOC

PRO

GAGE

ODC

REASON PULLED

TOTAL RUN

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

TILL ON BOTTOM (ft)

EVENING TOUR

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D.R.C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

MUD RECORD

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNI

SOLIDS CONTROL

CENTRIFUGE

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

HRS RUN

0

HRS RUN

0

DRILLER SIGNATURE

SPECIAL EVENT

TIME / DEPTH

SAFETY TORQUE

MDL

MDL

METRES DRILLED

FROM

TO

D.R.C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

TIME LOG

NO

1

TYPE

BRAND

TYPE

SCREENS

CHANGED

NEW

USED

CREW VEHICLE

TOP

MIDDLE

BOTTOM

DRILLING CREW PAYROLL DATA

WELL NAME & NO

PARA ET AL CAMERON L-73

YEAR

2007

MONTH

3

DAY

3

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

RIG MANAGER

TYLER ELL

RIG NO

129

PROVINCE

N.W.T.

CAMP

YES

NO

RIG SAFETY DAYS

72

MORNING TOUR

FROM

0

MORNING

[illegible]

DAY

PRECEDENCE NO.		WELL NAME & NO.		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		TIME	
1159		PARA ET AL CAMERON L-73		(1.) Daily Walk Around Inspection		2007		2		17		219.1		205.9		35.72		IPSCO		J55						4						RIG RELEASE		TIME	
OPERATOR		CONTRACTOR NAME		(2.) Detailed Inspection - Weekly (Using Check List)		RIG NO.		129		FUEL @ 08:00 HRS		139.7		125.73		23.07		IPSCO		J55						4				WELL TYPE		VERT.		RE-ENTRY	
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC		(3.) H2S Signs Posted if Required		RIG		3900		BOILER		1000																		OPERATOR'S SAFE		07N710027			
SURFACE LOCATION		UNIQUE ID		(4.) Well Licence & Stick Diagram Posted		TEMPERATURE		-21		CURRENT CONDITIONS		DC / DP		DC / DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		KELLY BSHG	
60:02:38.30 N 117:29:54.30 W		100/60-10-117-15/0		(5.) Flare Lines Staked		COLD				WIND DIRECTION		DC		152		122		STD		58		150		4" H90		4		BPMMP		EMSCO		229		CONTRACTOR'S JOB NUM	
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		(6.) BOP Drills Performed		CALM				ROAD CONDITION		DC		121		69.5				57		123		3" 1/2 IF16		F-800						TOUR SHEET SERIAL NUM			
Neil Rundell		TYLER ELL		(7.) Visually Inspect BOPs - Flare Lines & Degasser Lines		ICE						DP		101		21.4		E		66		127		4" FH		154						PREC129_20070217_2B			
				(1.) Rig Site Health & Safety Meeting (one/crow/month)																												EDR_3-2-4_HF2 ETS 2.2			
				(2.) CA ODC Rig Safet Inspection Checklist (one/rig/month)																															
				(3.) Mast Inspection before Raising or Lowering																															
				(4.) Crown Saver Checked																															
				(5.) Motor Kills Checked																															

EVENING

REFERENCE NO.		WELL NAME & NO.		YEAR		MONTH		DAY		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)		SPUD DATE		TIME			
1159		PARA ET AL CAMERON L-73		2007		2		17		RIG NO. 129		219.1		205.9		35.72		IPSCO		J55						4				RIG RELEASE		TIME			
OPERATOR		CONTRACTOR NAME		RIG		BOILER		FUEL @ 08:00 HRS		139.7		125.73		23.07		IPSCO		J55						4				WELL TYPE		VERT.		RE-ENTRY			
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC		3900		1000																						OPERATOR'S SAFE		07N710027					
SURFACE LOCATION		UNIQUE ID		TEMPERATURE		DC / DP		DC / DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		KELLY BSHG		.33		OP FUEL			
60:02:38.30 N 117:29:54.30 W		100/60-10-117-15/0		21		CURRENT CONDITIONS		COLD		WIND DIRECTION		DC		152		122		STD		58		150		4" H90		4		BPMMP		EMSCO		229		CONTRACTOR'S JOB NUM	
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		ICE		CALM		ROAD CONDITION		DC		121		69.5				57		123		3" 1/2 IF16		F-800				FOUR SHEET SERIAL NUM		PREC129_20070217_2B					
Neil Rundell		TYLER ELL		WEATHER		ICE		DP		101		21.4		E		66		127		4" FH		154						VENDOR SOFTWARE VERSION		EDR_3-2-4_HF2 ETS 2.2					
DAILY CHECKS		(1.) Daily Walk Around Inspection		FISHING		DIRL WORK		SAFETY MEETING		FROM		TO		D-R-C		RPM		WOB		FROM		TO		ELAPSED TIME		CODE		DETAILS OF OPERATIONS IN SEQUENCE & REMARKS							
(2.) Detailed Inspection - Weekly (Using Check List)		(3.) H2S Signs Posted if Required		MUD TYPE		WATER BASED		OIL BASED		2000		2015		0.25		21		SAFETY MEETING (RIGGING UP)																	
(4.) Well Licence & Stick Diagram Posted		(5.) Flare Lines Staked		TIME						2015		2300		2.75		1		RIG UP DRILLING EQUIPMENT																	
(6.) BOP Drills Performed		(7.) Visually Inspect BOPs - Flare Lines & Degasser Lines		DENSITY (kg/m3)						2300		2345		0.75		21		SAFETY MEETING (NIPPLE UP)																	
(1.) Rig Site Health & Safety Meeting (one/crow/month)		(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)		FUNNEL VISCOSITY						2345		2400		0.25		14		NIPPLE UP DIVERTER																	
(3.) Mast Inspection before Raising or Lowering		(4.) Crown Saver Checked		FLUID LOSS (cm3)						2400																									
(5.) Motor Kills Checked				pH																															
				MUD MATERIALS ADDED		SOLIDS CONTROL		CIRCULATION PRESSURE kPa		PUMP NO. 1		PUMP NO. 2																							
				PRODUCT		AMOUNT		UNIT		LINER SIZE		SPM		LINER SIZE		SPM																			
				CENTRIFUGE		HOURS RUN		INTAKE DENSITY (kg/m3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		REDUCED PUMP SPEED																					
				HOURS RUN		INTAKE DENSITY (kg/m3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		DEVIATION SURVEYS		DEPTH (m)		DEVIATION		DIRECTION																	
				BOILERS		1		2																											
				HRS RUN		4		HRS RUN		0																									
				BOILER pH		11		BOILER pH																											
				STACK TEMP		680		STACK TEMP																											
				DRILLER SIGNATURE																															

MORNING

[illegible]

DAY

[illegible]

EVENING

[illegible]

MORNING

[illegible]

DAY

WELL NAME & NO.		1159		PARA ET AL CAMERON L-73		CONTRACTOR NAME		PRECISION DRILLING, DIV OF PDC		UNIQUE ID		100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45	
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
OPERATOR		PARAMOUNT RESOURCES LTD.		SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W		SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL		CONTRACTOR'S RIG MANAGER		TYLER ELL		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE									

EVENING

REFERENCE NO.		WELL NAME & NO.												DAILY CHECKS										OPR	R.M.	YEAR	MONTH	DAY	19	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)	SPUD DATE	2007/02/18	TIME	09:45
1159		PARAMOUNT RESOURCES LTD.										PRECISION DRILLING, DIV OF PDC										NR	TE	RIG NO.	129	FUEL @ 08:00 HRS	219.1	205.9	35.72	IPSCO	J55			4		RIG RELEASE		TIME					
SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W										100/60-10-117-15/0										NR	TE	RIG	7500	BOILER	1500	139.7	125.73	23.07	IPSCO	J55			4		WELL TYPE	VERT.	RE-ENTRY	NL			
SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDELL										TYLER ELL										NR	TE	TEMPERATURE	7500	1500														OPERATOR'S SAFE	07N710027		
SIGNATURE OF CONTRACTOR'S RIG MANAGER																						NR	TE	CURRENT CONDITIONS	-37	DC/DP	DC/DP	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. of JOINTS	PUMP TYPE	PUMP MANUFACTURER	STROKE LENGTH	KELLY BSHG	.33	OP FUEL				
CONTRACTOR NAME		PRECISION DRILLING, DIV OF PDC																				NR	TE	COLD	WIND DIRECTION	DC	152	122	STD	58	150	4" H90	4	BPMMP	EMSCO	229	CONTRACTOR'S JOB NUM	750					
UNIQUE ID		100/60-10-117-15/0																				NR	TE	CALM	ROAD CONDITION	DC	121	69.5		57	123	3" 1/2 IF16	F-800										
SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL																				NR	TE	ICE	DP	101	21.4	E	66	127	4" FH	154											
CONTRACTOR NAME		PRECISION DRILLING, DIV OF PDC																				NR	TE	TEMPERATURE	7500	1500																	
UNIQUE ID		100/60-10-117-15/0																				NR	TE	CURRENT CONDITIONS	-37	DC/DP	DC/DP	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. of JOINTS	PUMP TYPE	PUMP MANUFACTURER	STROKE LENGTH	KELLY BSHG	.33	OP FUEL				
SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL																				NR	TE	COLD	WIND DIRECTION	DC	152	122	STD	58	150	4" H90	4	BPMMP	EMSCO	229	CONTRACTOR'S JOB NUM	750					
CONTRACTOR NAME		PRECISION DRILLING, DIV OF PDC																				NR	TE	CALM	ROAD CONDITION	DC	121	69.5		57	123	3" 1/2 IF16	F-800										
UNIQUE ID		100/60-10-117-15/0																				NR	TE	ICE	DP	101	21.4	E	66	127	4" FH	154											
SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL																				NR	TE	TEMPERATURE	7500	1500																	
CONTRACTOR NAME		PRECISION DRILLING, DIV OF PDC																				NR	TE	CURRENT CONDITIONS	-37	DC/DP	DC/DP	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. of JOINTS	PUMP TYPE	PUMP MANUFACTURER	STROKE LENGTH	KELLY BSHG	.33	OP FUEL				
UNIQUE ID		100/60-10-117-15/0																				NR	TE	COLD	WIND DIRECTION	DC	152	122	STD	58	150	4" H90	4	BPMMP	EMSCO	229	CONTRACTOR'S JOB NUM	750					
CONTRACTOR NAME		PRECISION DRILLING, DIV OF PDC																				NR	TE	CALM	ROAD CONDITION	DC	121	69.5		57	123	3" 1/2 IF16	F-800										
UNIQUE ID		100/60-10-117-15/0																				NR																					

MORNING

[illegible]

DAY

[illegible]

EVENING

PERMIT NO. 1159		WELL NAME & NO. PARA ET AL CAMERON L-73		DAILY CHECKS (1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted If Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed (7.) Visually Inspect BOPs - Flare Lines & Degasser Lines (1.) Rig Site Health & Safety Meeting (one/crow/month) (2.) CAODC Rig Safet Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked										OPERATOR PARAMOUNT RESOURCES LTD. PRECISION DRILLING, DIV OF PDC SURFACE LOCATION 60:02:38.30 N 117:29:54.30 W SIGNATURE OF OPERATOR'S REPRESENTATIVE NEIL RUNDELL CONTRACTOR NAME UNIQUE ID 100/60-10-117-15/0 SIGNATURE OF CONTRACTOR'S RIG MANAGER TYLER ELL										LAST CASING TUBING OR LINER RIG NO. 129 FUEL @ 08:00 HRS RIG 9000 BOILER 2200 TEMPERATURE 25 CURRENT CONDITIONS DC/ DP COLD WIND DIRECTION DC CALM ROAD CONDITION DC ICE DP										O.D. (mm) 219.1 205.9 35.72 IPSCO J55 32 436.48 4 436 MIN I.D. (mm) 139.7 125.73 23.07 IPSCO J55 4 MASS (kg/m3) MAKE GRADE NO. of JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m) PUMP TYPE PUMP MANUFACTURER STROKE LENGTH										SPUD DATE 2007/02/18 TIME 09:45 RIG RELEASE WELL TYPE VERT. RE-ENTRY NO OPERATOR'S SAFE 07N710027 KELLY BSHG .33 GP FUEL CONTRACTOR'S JOB NUM 750 TOUR SHEET SERIAL NUM PREC129_20070220_1B VENDOR SOFTWARE VERSION EDR_3-2-4_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		SHALE SHAKER(S) NO. TYPE TYPE 1 BRANDT IT38 LOADER SCREENS CHANGED NEW/ USED TOP TOP 180 89 MIDDLE MIDDLE 180 BOTTOM BOTTOM 89										RENTALS / SERVICES MORN DAY EVE																													
TIME - HRS		MORN 3.5 0.5 3.0 0.25 0.5 DAY 1.75 1.75 3.5 0.25 4.25 EVE 2.5 1.25 TOTAL 5.25 4.75 6.50 0.50 0.75 5.50 0.75										TOTALS 8.00 12.00 4.00 24.00																																									
NO.		DRILLING ASSEMBLY (AT END OF TOUR) BIT O.D. .32 BIT SUB 196 .84 8" DC 196 18.77 X.O. 192 .57 6" DC 162 36.09 X.O. 161 .64 4 3/4 COLLAR 121 37.12 JAR 122 4.88 4 3/4 COLLAR 121 112.17 H.W.D.P. 121 57.14 X.O. 120 .26										LENGTH BIT NO. 1 SIZE 311 IADC CODE MANUFACTURER VAREL TYPE CHO4JMRSV SERIAL NO. 230270 JETS 3X 14.3 1X 12.7 DEPTH OUT (m) DEPTH IN (m) 0 TOTAL DRILLED (m) 436 TOTAL HRS RUN 35 CUTTING STRUCTURE TI To MDC LOC BRG GAGE ODC REASON FULLED TOTAL RUN m/Hr D.P. STANDS D.P. SINGLES 165.07 KELLY DOWN 2.13 TOTAL 436.00 WT. OF D.C. 25 WT. OF STRING 28										BIT RECORD MUD TYPE WATER BASED OIL BASED TIME 2100 2200 DENSITY (kg/m3) 1100 1100 FUNNEL VISCOSITY 85 52 FLUID LOSS (cm3) pH 9 9 MUD MATERIALS ADDED PRODUCT AMOUNT UNIT DESCO 2 SX HOURS RUN INTAKE DENSITY (kg/m3) OVER FLOW DENSITY UNDER FLOW DENSITY 0 853 @ 68 @ 436 HOURS RUN INTAKE DENSITY (kg/m3) OVER FLOW DENSITY UNDER FLOW DENSITY 0 BOILERS 1 2 HRS RUN 4 HRS RUN 0 BOILER pH 11 BOILER pH STACK TEMP 525 STACK TEMP RYAN OXNER										MUD RECORD METRES DRILLED FROM TO D-R-C RPM WOB 2000 2230 2.50 5 2230 2245 0.25 21 2245 2400 1.25 12 FROM TO ELAPSED TIME CODE 1190 152 90 REDUCED PUMP SPEED 853 @ 68 @ 436 DEVIATION SURVEYS DEPTH (m) DEVIATION DIRECTION NOTES: CHECKED CROWN SAVER, BRAKE LINKAGES AND PINS, DIVERTER LINE, AIR HORN TUGGER LINES AND HOOKS DRILLER SIGNATURE SPECIAL EVENT TIME / DEPTH										TIME LOG DETAILS OF OPERATIONS IN SEQUENCE & REMARKS CONDITION MUD & CIRCULATE SAFETY MEETING (WITH CEMENTERS) CEMENT WITH SANGEL CEMENTING											

MORNING

LICENCE NO.		WELL NAME & NO.		DAILY CHECKS										YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45																																																																																																															
1159		PARAMOUNT RESOURCES LTD.										PRECISION DRILLING, DIV OF PDC										129		FUEL @ 08:00 HRS		219.1		205.9		35.72		IPSCO		J55		32		436.48		4		436		RIG RELEASE				TIME																																																																																																													
OPERATOR		CONTRACTOR NAME										18000		2400		139.7		125.73		23.07		IPSCO		J55						4				WELL TYPE		VERT.		RE-ENTRY		NO																																																																																																																					
SURFACE LOCATION		UNIQUE ID										TEMPERATURE		CURRENT CONDITIONS		DC / DP		DC / DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		OPERATOR'S SAFE		07N710027																																																																																																																					
60:02:38.30 N 117:29:54.30 W		100/60-10-117-15/0										COLD		WIND DIRECTION		DC		152		122		STD		58		150		4" H90		4		BPMMP		EMSCO		229		KELLY BSHG		.33		OP FUEL																																																																																																																			
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER										S.E.		ROAD CONDITION		DC		121		69.5				57		123		3" 1/2 IF16		F-800						CONTRACTOR'S JOB NUM		750																																																																																																																							
NEIL RUNDELL		TYLER ELL										ICE		DP		101		21.4		E		66		127		4" FH		154						TOUR SHEET SERIAL NUM		PREC129_20070221_1B																																																																																																																									
VENDOR SOFTWARE VERSION		EDR_3-2-4_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		SHAILE SHAKER(S)		RENTALS / SERVICES		MORN		DAY		EVE																																																																																													
		RIGUP & TEARDOWN		DRILL ACTUAL		REAMING		CORING		COND MUD & CIRC		TRIPS		RIG SERVICE		REPAIR RIG		CUT OFF DRILL LINE		DEV. SURVEY		WIRELINE LOGS		RUN CSG & CEMENT		WAIT ON CEMENT		NIPPLE UP B.O.P.		TEST B.O.P.		DRILLSTEM TEST		PLUG BACK		SQUEEZE CEMENT		FISHING		DIR. WORK		SAFETY MEETING																																																																																																																			
MORN																								1.25		4.0		1.5										0.25		1.0				8.00																																																																																																																	
DAY																												3.0		4.5								0.5				3.0		1.0				12.00																																																																																																													
EVE										2.5								1.25																		0.25										4.00																																																																																																															
TOTAL										2.50								1.25						1.25		4.00		4.50		4.50						1.00		1.00		3.00		1.00				24.00																																																																																																															
NO.		DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH		BIT RECORD										MORNING TOUR										MUD RECORD										METRES DRILLED										TIME LOG																																																																																																															
1		BIT		O.D.		.32		BIT NO.										MUD TYPE										FLOC										WATER BASED										OIL BASED										FROM										TO										D-R-C										RPM										WOB										FROM										TO										ELAPSED TIME										CODE										DETAILS OF OPERATIONS IN SEQUENCE & REMARKS									
1		BIT SUB		196		.84		SIZE										TIME																																																																						0										115										1.25										12										CEMENT WITH SANGEL																													
2		8" DC		196		18.77		IADC CODE										DENSITY (kg/m3)																																																																						115										515										4.00										13										WAIT ON CEMENT (CUT CASING)																													
1		X.O.		192		.57		MANUFACTURER										FUNNEL VISCOSITY																																																																						515										530										0.25										21										SAFETY MEETING (NIPPLE DOWN DIVERTER)																													
4		6" DC		162		36.09																																																																																																																																																							

DAY

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LICENCE NO.		WELL NAME & NO.		DAILY CHECKS		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45			
1159		PARA ET AL CAMERON L-73		(1.) Daily Walk Around Inspection		2007		2		21		FUEL @ 08:00 HRS		219.1		205.9		35.72		IPSCO		J55		32		436.48		4		436		RIG RELEASE				TIME					
OPERATOR		CONTRACTOR NAME		(2.) Detailed Inspection - Weekly (Using Check List)								RIG NO. 129		139.7		125.73		23.07		IPSCO		J55						4				WELL TYPE		VERT.		RE-ENTRY		NO			
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC		(3.) H2S Signs Posted if Required								RIG 18000		BOILER 2400																OPERATOR'S SAFE		07N710027									
SURFACE LOCATION		UNIQUE ID		(4.) Well Licence & Stick Diagram Posted								TEMPERATURE																		KELLY BSHG		.33		OP FUEL							
60:02:38.30 N 117:29:54.30 W		100/60-10-117-15/0		(5.) Flare Lines Staked								39		CURRENT CONDITIONS		DC/ DP		DC/ DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH					
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		(6.) BOP Drills Performed								COLD		WIND DIRECTION		DC		152		122		STD		58		150		4" H90		4		BPMMP		EMSCO		229		CONTRACTOR'S JOB NUM		750	
NEIL RUNDELL		TYLER ELL		(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines								S.E.		ROAD CONDITION		DC		121		69.5				57		123		3" 1/2 IF16		F-800						TOUR SHEET SERIAL NUM		PREC129_20070221_1B			
				(1.) Rig Site Health & Safety Meeting (one/crew/month)								ICE				DP		101		21.4		E		66		127		4" FH		154						VENDOR SOFTWARE VERSION		EDR_3-2-4_HF2 ETS 2.2			
				(2.) CAODC Rig Safet Inspection Checklist (one/high/month)																																					
				(3.) Mast Inspection before Raising or Lowering																																					
				(4.) Crown Saver Checked																																					
				(5.) Motor Kills Checked																																					
						</																																			

MORNING

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EVENING

PRECEDENCE NO.						WELL NAME & NO.															
1159						PARA ET AL CAMERON L-73															
OPERATOR						CONTRACTOR NAME															
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PDC															
SURFACE LOCATION						UNIQUE ID															
60:02:38.30 N 117:29:54.30 W						100/60-10-117-15/O															
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S RIG MANAGER															
NEIL RUNDELL						TYLER ELL															
DAILY CHECKS																					
(1.) Daily Walk Around Inspection																					
(2.) Detailed Inspection - Weekly (Using Check List)																					
(3.) H2S Signs Posted If Required																					
(4.) Well Licence & Stick Diagram Posted																					
(5.) Flare Lines Staked																					
(6.) BOP Drills Performed																					
(7.) Visually Inspect BOP's - Flare Lines & Degasser Lines																					
(1.) Rig Site Health & Safety Meeting (one/crew/month)																					
(2.) CAODC Rig Safet Inspection Checklist (enairig/month)																					
(3.) Mast inspection before Raising or Lowering																					
(4.) Crown Saver Checked																					
(5.) Motor Kills Checked																					
YEAR MONTH DAY																					
RIG NO. 129																					
FUEL @ 08:00 HRS																					
RIG BOILER																					
14500 2000																					
TEMPERATURE																					
CURRENT CONDITIONS																					
COLD WIND DIRECTION																					
N.E. ROAD CONDITION																					
ICE																					
O.D. MIN I.D. MASS MAKE GRADE NO. of JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m)																					
219.1 205.9 35.72 IPSCO J55 32 436.48 4 436																					
139.7 125.73 23.07 IPSCO J55 4																					
PUMP TYPE PUMP MANUFACTURER STROKE LENGTH																					
BPMMP EMSCO 229																					
F-800																					
SPUD DATE 2007/02/18 TIME 09:45																					
RIG RELEASE																					
WELL TYPE VERT. RE-ENTRY NC																					
OPERATOR'S SAFE 07N710027																					
KELLY BSHG .33 OP FUEL																					
CONTRACTOR'S JOB NUM 750																					
TOUR SHEET SERIAL NUM PREC129_20070222_1B																					
VENDOR SOFTWARE VERSION EDR_3-2-4_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																					
RIGUP & TEARDOWN DRILL ACTUAL REAMING CORING CONDMUD & CIRC TRIPS RIG SERVICE REPAIR RIG CUT OFF DRILL LINE DEV. SURVEY WIRELINE LOGS RUN CSG & CEMENT WAIT ON CEMENT NIPPLE UP B.O.P. TEST B.O.P. DRILLS TEM TEST PLUG BACK SQUEEZE CEMENT FISHING DIRL WORK SAFETY MEETING																					
MORN 6.25 0.25 0.25 0.5 0.5																					
DAY 7.0 1.5 0.25 2.5 0.25																					
EVE 1.75 0.25 0.25 1.75																					
TOTAL 13.25 0.25 3.25 0.75 2.50 0.75 0.50 1.00 1.75																					
SHALES SHAKER(S) RENTALS / SERVICES MORN DAY EVE																					
NO. TYPE TYPE IT38 LOADER																					
SCREENS CHANGED NO NEW USED CREW VEHICLE																					
TOP TOP																					
180 89																					
MIDDLE MIDDLE																					
180																					
BOTTOM BOTTOM																					
89																					
BIT RECORD EVENING TOUR MUD RECORD METRES DRILLED TIME LOG																					
BIT O.D. 29 BIT NO. 1 MUD TYPE FLOC WATER BASED X OIL BASED FROM TO D-R-C RPM WOB FROM TO ELAPSED TIME CODE DETAILS OF OPERATIONS IN SEQUENCE & REMARKS																					
TORSIONAL SUB 196 2.85 SIZE 200 TIME 2000 2200 2400 2000 2015 0.25 7 RIG SERVICE (F/T BLIND RAMS CL 2 SEC OP 2 SEC)																					
6' DC 152 36.09 IADC CODE DENSITY (kg/m3) 1000 1000 1000 2015 2030 0.25 21 SAFETY MEETING (RIH OPEN ENDED)																					
X.O. 151 .64 FUNNEL VISCOSITY 29 29 29 2030 2100 0.50 6 RIH OPEN ENDED TO RUN CEMENT PLUG F/C @ 436M, 739M																					
4 3/4 COLLAR 121 37.12 MANUFACTURER VAREL FLUID LOSS (cm3) 2100 2215 1.25 6 RIH PICK UP PIPE FROM CATWALK TO GET TO BOTTOM																					
JAR 122 5.13 TYPE MKS65 pH 10 10 10 2215 2400 1.75 22 WAIT ON CEMENTERS																					
4 3/4 COLLAR 121 112.17 SERIAL NO. 1786																					
H.W.D.P. 121 57.14 JETS 7X 9.5 MUD MATERIALS ADDED SOLIDS CONTROL CIRCULATION PRESSURE kPa PUMP NO. 1 PUMP NO. 2																					
X.O. 120 .26 PRODUCT AMOUNT UNIT CENTRIFUGE HOURS RUN INTAKE DENSITY (kg/m3) OVER FLOW DENSITY UNDER FLOW DENSITY 5200 140 90 REDUCED PUMP SPEED																					
DEPTH OUT (m) DEPTH IN (m) 436 TOTAL DRILLED (m) 303 TOTAL HRS RUN 12.75 DEVIATION SURVEYS DEPTH (m) DEVIATION DIRECTION																					
CUTTING STRUCTURE TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/HR BOILERS 1 2																					
D.P. STANDS 476.67 HOLE CONDITION HRS RUN 4 HRS RUN 0																					
D.P. SINGLES 11.30 HOLE DRAG 0 TORQUE AT BOTTOM 0																					
KELLY DOWN 739.66 TORQUE AT BOTTOM 0																					
TOTAL WT. OF D.C. 21 WT. OF STRING 27 FILL ON BOTTOM (m) 0																					
DRILLER SIGNATURE SPECIAL EVENT RYAN OXNER TIME / DEPTH																					
SAFETY TOPIC MEHL MACP																					
TRIPPING 20 7146																					

INCENCE NO.			WELL NAME & NO.			DAILY CHECKS										YEAR			MONTH			DAY			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)			SPUD DATE			2007/02/18			TIME			09:45																																					
1159						PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PDC						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO					
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PDC						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
SURFACE LOCATION						UNIQUE ID						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
60:02:38.30 N 117:29:54.30 W						100/60-10-117-15/0						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S RIG MANAGER						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
NEIL RUNDELL						TYLER ELL						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
OPERATOR						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO																	
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PDC						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
SURFACE LOCATION						UNIQUE ID						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
60:02:38.30 N 117:29:54.30 W						100/60-10-117-15/0						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S RIG MANAGER						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
NEIL RUNDELL						TYLER ELL						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
OPERATOR						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO																	
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PDC						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
SURFACE LOCATION						UNIQUE ID						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
60:02:38.30 N 117:29:54.30 W						100/60-10-117-15/0						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S RIG MANAGER						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
NEIL RUNDELL						TYLER ELL						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO											
OPERATOR						CONTRACTOR NAME						FUEL @ 08:00 HRS						219.1						205.9						35.72						IPSCO						J55						32						436.48						4						436						RIG RELEASE						TIME						NO																	
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PDC						CONTRACTOR NAME						FUEL @ 08:00 HRS																																																																																			

DAY

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EVENING

[illegible]

MORNING

WELL NAME & NO.																									
1159																									
PARAMOUNT RESOURCES LTD.																									
CONTRACTOR NAME																									
PRECISION DRILLING, DIV OF PDC																									
UNIQUE ID																									
100/60-10-117-15/0																									
SIGNATURE OF OPERATOR'S REPRESENTATIVE																									
NEIL RUNDELL																									
SIGNATURE OF CONTRACTOR'S RIG MANAGER																									
TYLER ELL																									
DAILY CHECKS																									
(1.) Daily Walk Around Inspection																									
(2.) Detailed Inspection - Weekly (Using Check List)																									
(3.) H2S Signs Posted if Required																									
(4.) Well Licence & Stick Diagram Posted																									
(5.) Flare Lines Staked																									
(6.) BOP Drills Performed																									
(7.) Visually Inspect BOP's - Flare Lines & Degasser Lines																									
(1.) Rig Site Health & Safety Meeting (one/crawldmonth)																									
(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)																									
(3.) Mast Inspection before Raising or Lowering																									
(4.) Crown Saver Checked																									
(5.) Motor Kills Checked																									
YEAR MONTH DAY																									
2007 2 24																									
RIG NO. 129																									
FUEL @ 08:00 HRS																									
RIG BOILER																									
5600 2500																									
TEMPERATURE																									
CURRENT CONDITIONS																									
COLD																									
WIND DIRECTION																									
N.E.																									
ROAD CONDITION																									
ICE																									
O.D. (mm)																									
MIN I.D. (mm)																									
MASS (kg/m ³)																									
MAKE																									
GRADE																									
NO. of JOINTS																									
TOTAL LENGTH																									
KB TO CSG HEAD																									
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SPUD DATE																									
2007/02/18																									
TIME																									
09:45																									
RIG RELEASE																									
WELL TYPE																									
VERT.																									
RE-ENTRY																									
NO																									
OPERATOR'S SAFE																									
07N710027																									
KELLY BSHG																									
.33																									
OF FUEL																									
CONTRACTOR'S JOB NUM																									
750																									
TOUR SHEET SERIAL NUM																									
PREC129_20070224_1B																									
VENDOR SOFTWARE VERSION																									
EDR_3-2-4_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																									
SHALE SHAKER(S)																									
RENTALS / SERVICES																									
MORN DAY EVE																									
IT38 LOADER																									
CREW VEHICLE																									
TOP TOP																									
180 89																									
MIDDLE MIDDLE																									
180																									
BOTTOM BOTTOM																									
89																									
DRILLING ASSEMBLY (AT END OF TOUR)																									
LENGTH																									
BIT RECORD																									
MORNING TOUR																									
MUD RECORD																									
METRES DRILLED																									
TIME LOG																									
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS																									
RIG SERVICE (F/T PIPE RAMS CL 2 SEC OP 2 SEC)																									
DRILL OUT CEMENT PLUG																									
SAFETY MEETING (MOUSEHOLE CONNECTIONS)																									
DRILL ACTUAL FROM 739M TO 817M																									
DEVIATION SURVEY (ACCUM)																									
MUD MATERIALS ADDED																									
SOLIDS CONTROL																									
CENTRIFUGE																									
REDUCED PUMP SPEED																									
DEVIATION SURVEYS																									
BOILERS																									
HOURS RUN																									
8 11																									
STACK TEMP																									
300																									
DRILLER SIGNATURE																									
RYAN OXNER																									
SPECIAL EVENT																									
TIME / DEPTH																									
MOUSEHOLE CONNECTION																									
28																									
MACP																									
7146																									

[illegible]

[illegible]

DAY

[illegible]

[illegible]

PERMIT NO.		WELL NAME & NO.		DAILY CHECKS										O.P.R. / M.		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45																																																																																																																																													
1159				PARAMOUNT RESOURCES LTD.										PRECISION DRILLING, DIV OF PDC										CONTRACTOR NAME		UNIQUE ID		SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		FUEL @ 08:00 HRS		RIG NO.		129		219.1		205.9		35.72		IPSCO		J55		32		436.48		4		436		RIG RELEASE				TIME																																																																																																																																	
OPERATOR				PARAMOUNT RESOURCES LTD.										PRECISION DRILLING, DIV OF PDC										CONTRACTOR NAME		UNIQUE ID		SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		FUEL @ 08:00 HRS		RIG NO.		129		219.1		205.9		35.72		IPSCO		J55		32		436.48		4		436		RIG RELEASE				TIME																																																																																																																																	
SURFACE LOCATION				60:02:38.30 N 117:29:54.30 W										100/60-10-117-15/0										CONTRACTOR NAME		UNIQUE ID		SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		FUEL @ 08:00 HRS		RIG NO.		129		219.1		205.9		35.72		IPSCO		J55		32		436.48		4		436		RIG RELEASE				TIME																																																																																																																																	
NEIL RUNDELL				TYLER ELL										100/60-10-117-15/0										CONTRACTOR NAME		UNIQUE ID		SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		FUEL @ 08:00 HRS		RIG NO.		129		219.1		205.9		35.72		IPSCO		J55		32		436.48		4		436		RIG RELEASE				TIME																																																																																																																																	
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		SHAPE SHAKER(S)		RENTALS / SERVICES		MORN		DAY		EVE																																																																																																																											
MORN				RIGUP & TEARDOWN		DRILL ACTUAL		REAMING		CORING		COND MUD & CIRC		TRIPS		RIG SERVICE		REPAIR RIG		CUT OFF DRILL LINE		DEV. SURVEY		WIRELINE LOGS		RUN CSG & CEMENT		WAIT ON CEMENT		NIPPLE UP B.O.P.		TEST B.O.P.		DRILLSTEM TEST		PLUG BACK		SQUEEZE CEMENT		FISHING		DIRL WORK		SAFETY MEETING										8.00		IT38 LOADER																																																																																																																																					
DAY				RIGUP & TEARDOWN		DRILL ACTUAL		REAMING		CORING		COND MUD & CIRC		TRIPS		RIG SERVICE		REPAIR RIG		CUT OFF DRILL LINE		DEV. SURVEY		WIRELINE LOGS		RUN CSG & CEMENT		WAIT ON CEMENT		NIPPLE UP B.O.P.		TEST B.O.P.		DRILLSTEM TEST		PLUG BACK		SQUEEZE CEMENT		FISHING		DIRL WORK		SAFETY MEETING										12.00		CREW VEHICLE																																																																																																																																					
EVE				RIGUP & TEARDOWN		DRILL ACTUAL		REAMING		CORING		COND MUD & CIRC		TRIPS		RIG SERVICE		REPAIR RIG		CUT OFF DRILL LINE		DEV. SURVEY		WIRELINE LOGS		RUN CSG & CEMENT		WAIT ON CEMENT		NIPPLE UP B.O.P.		TEST B.O.P.		DRILLSTEM TEST		PLUG BACK		SQUEEZE CEMENT		FISHING		DIRL WORK		SAFETY MEETING										4.00																																																																																																																																							
TOTAL				RIGUP & TEARDOWN		DRILL ACTUAL		REAMING		CORING		COND MUD & CIRC		TRIPS		RIG SERVICE		REPAIR RIG		CUT OFF DRILL LINE		DEV. SURVEY		WIRELINE LOGS		RUN CSG & CEMENT		WAIT ON CEMENT		NIPPLE UP B.O.P.		TEST B.O.P.		DRILLSTEM TEST		PLUG BACK		SQUEEZE CEMENT		FISHING		DIRL WORK		SAFETY MEETING								24.00		89																																																																																																																																							
NO.				DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH		BIT RECORD										MORNING TOUR										MUD RECORD										METRES DRILLED										TIME LOG																																																																																																																																													
1				BIT		O.D.		.29		BIT NO.										2										MUD TYPE										GEL / CHEM										WATER BASED										X										OIL BASED																				FROM										TO										D-R-C										RPM										WOB										FROM										TO										ELAPSED TIME										CODE										DETAILS OF OPERATIONS IN SEQUENCE & REMARKS									
1				TORSIONAL SUB		196		2.85		SIZE										200										TIME										200										400										600										1254										1303										D										110										6										0										015										0.25										7										RIG SERVICE (F/T PIPE RAMS CL 2 SEC OP 2 SEC)																													
4				6" DC		152		36.09		IADC CODE																				DENSITY (kg/m3)										1090										1090										1090										015										030										0.25										21										SAFETY MEETING (WORKING WITH TUBULARS)																																																																															
1				X.O.		151		.64		MANUFACTURER										VAREL										FUNNEL VISCOSITY										47										50										51										030										715										6.7																																																																																																			

DAY

LICENCE NO.

1159

WELL NAME & NO.

PARA ET AL CAMERON L-73

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION

60:02:38.30 N 117:29:54.30 W

UNIQUE ID

100/60-10-117-15/0

SIGNATURE OF OPERATOR'S REPRESENTATIVE

NEIL RUNDELL

SIGNATURE OF CONTRACTOR'S RIG MANAGER

TYLER ELL

DAILY CHECKS
(1.) Daily Walk Around Inspection
(2.) Detailed Inspection - Weekly (Using Check List)
(3.) H2S Signs Posted If Required
(4.) Well Licence & Stick Diagram Posted
(5.) Flare Lines Staked
(6.) BOP Drills Performed
(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines
(1.) Rig Site Health & Safety Meeting (one/crew/month)
(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)
(3.) Mast Inspection before Raising or Lowering
(4.) Crown Saver Checked
(5.) Motor Kills Checked

OPR
NR
TE

RM
NR
TE

YEAR
2007

MONTH
2

DAY
26

RIG NO.
129

FUEL @ 08:00 HRS
RIG
11500

BOILER
2400

TEMPERATURE
-17

CURRENT CONDITIONS
SNOWING
WIND DIRECTION
N.E.
ROAD CONDITION
ICE

DC/ DP
DC
DC
DP

DC / DP SIZE
152
121
101

MASS
122
69.5
21.4

GRADE
STD
57
E

MINIMUM I.D.
58
123
66

T. JNT. O.D.
150
3" 1/2 IF16
127

TYPE THREAD
4" H90 4
F-800
4" FH 154

NO. OF JOINTS
4
4
154

PUMP TYPE
BPMMP
F-800

PUMP MANUFACTURER
EMSCO

STROKE LENGTH
229

SPUD DATE
2007/02/18

TIME
09:45

RIG RELEASE
TIME

WELL TYPE
VERT.

RE-ENTRY
NO

OPERATOR'S SAFE
07N710027

KELLY BSHG
.33

OP FUEL

CONTRACTOR'S JOB NUM
750

TOUR SHEET SERIAL NUM
PREC129_20070226_1B

VENDOR SOFTWARE VERSION
EDR_3-24_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

RIGUP & TEARDOWN
DRILL ACTUAL
REAMING
CORING
COND MUD & CIRC
TRIPS
RIG SERVICE
REPAIR RIG
CUT OFF DRILL LINE
DEV. SURVEY
WIRELINE LOGS
RUN CSG & CEMENT
WAIT ON CEMENT
NIPPLE UP B.O.P.
TEST B.O.P.
DRILLSTEM TEST
PLUG BACK
SQUEEZE CEMENT
FISHING
DIR. WORK
SAFETY MEETING

MORN
DAY
EVE
TOTAL

8.00
12.00
4.00
24.00

SHALE SHAKER(S)
NO. TYPE TYPE
1 BRAND
SCREENS CHANGED
NO NEW/ USED
TOP TOP
180 89
MIDDLE MIDDLE
180
BOTTOM BOTTOM
89

RENTALS / SERVICES
IT38 LOADER
CREW VEHICLE

MORN
DAY
EVE

NO.
1
4
1
4
1
12
6
1

DRILLING ASSEMBLY
(AT END OF TOUR)
BIT
TORSIONAL SUB
6" DC
X.O.
4 3/4 COLLAR
JAR
4 3/4 COLLAR
H.W.D.P.
X.O.

LENGTH
.29
2.85
36.09
.64
37.12
5.13
112.17
57.14
.26

BIT NO.
2
200
IADC CODE
MANUFACTURER
VAREL
TYPE
MKS65
SERIAL NO.
1786
JETS
7X 9.5

DAY TOUR
MUD TYPE
GEL-CHEM
WATER BASED
X
OIL BASED
TIME
1000
1400
1800
DENSITY (kg/m3)
1100
1120
1140
FUNNEL VISCOSITY
48
47
50
FLUID LOSS (cm3)
8
8
8.5
pH
11
11
10.5

MUD RECORD
MUD MATERIALS ADDED
PRODUCT AMOUNT UNIT
SAWDUST 10 SX
CENTRIFUGE
HOURS RUN INTAKE DENSITY (kg/m3) OVER FLOW DENSITY UNDER FLOW DENSITY
12 1140 1130 1620
HOURS RUN INTAKE DENSITY (kg/m3) OVER FLOW DENSITY UNDER FLOW DENSITY
12 1140 1130 1620
BOILERS
1 2
HRS RUN 12 HRS RUN 0
BOILER pH 11 BOILER pH
STACK TEMP 675 STACK TEMP

METRES DRILLED
FROM TO D-R-C RPM WOB
1303 1380 D 110 6
800 815 0.25 7
815 830 0.25 21
830 2000 11.50 2
2000

TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
RIG SERVICE (F/T ANNULAR CL 13 SEC OP 12 SEC)
SAFETY MEETING(WORKING WITH STEAM)
DRILL ACTUAL FROM 1303m TO 1380m
NOTES : CHECKED CROWN SAVER,BRAKE LINKAGES AND PINS,TONGS AND LINES
VISUALLY CHECKED FLARE AND DEGASSER LINES,AIR HORN ,TUGGER LINE AND HOOK
DRILLER SIGNATURE
DEAN PODOLSKI
SPECIAL EVENT
TIME / DEPTH

DEPTH OUT (m)
DEPTH IN (m)
TOTAL DRILLED (m)
TOTAL HRS RUN
CUTTING STRUCTURE
TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/HR
D.P. STANDS
D.P. SINGLES
HOLE CONDITION
HOLE DRAG
1 UP 1 DOWN
TORQUE AT BOTTOM
0
FILL ON BOTTOM (m)
0

14

116

1130

1380.19

21

44

SAFETY TOPIC
STEAM

MEHL
44

MACP
6547

EVENING

[illegible]

[illegible]

DAY

[illegible]

EVENING

[illegible]

MORNING

[illegible]

DAY

WELL NAME & NO.					
1159					
PARAMOUNT RESOURCES LTD.					
PRECISION DRILLING, DIV OF PDC					
UNIQUE ID					
100/60-10-117-15/0					
TYLER ELL					
DAILY CHECKS					
(1.) Daily Walk Around Inspection					
(2.) Detailed Inspection - Weekly (Using Check List)					
(3.) H2S Signs Posted if Required					
(4.) Well Licence & Stick Diagram Posted					
(5.) Flare Lines Staked					
(6.) BOP Drills Performed					
(7.) Visually Inspect BOP's - Flare Lines & Degasser Lines					
(1.) Rig Site Health & Safety Meeting (one/crew/month)					
(2.) CAODC Rig Safety Inspection Checklist (one/rig/month)					
(3.) Mast Inspection before Raising or Lowering					
(4.) Crown Saver Checked					
(5.) Motor Kills Checked					
YEAR MONTH DAY					
2007 2 28					
LAST CASING TUBING OR LINER					
RIG NO. 129					
FUEL @ 08:00 HRS					
RIG BOILER					
4000 1000					
TEMPERATURE					
-18					
CURRENT CONDITIONS					
SNOWING					
WIND DIRECTION					
N.E.					
ROAD CONDITION					
ICE					
O.D. (mm)					
MIN I.D. (mm)					
MASS (kg/m3)					
MAKE					
GRADE					
NO. of JOINTS					
TOTAL LENGTH					
KB TO CSG HEAD					
SET AT (m)					
SPUD DATE					
2007/02/18					
TIME					
09:45					
RIG RELEASE					
WELL TYPE					
VERT.					
RE-ENTRY					
NO					
OPERATOR'S SAFE					
07N710027					
KELLY BSHG					
.33					
OF FUEL					
CONTRACTOR'S JOB NUM					
750					
TOUR SHEET SERIAL NUM					
PREC129_20070228_1B					
VENDOR SOFTWARE VERSION					
EDR_3-2-4_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					
SHALE SHAKER(S)					
RENTALS / SERVICES					
MORN DAY EVE					
NO. TYPE TYPE					
IT38 LOADER					
BRANDT					
SCREENS CHANGED					
NO NEW/USED					
CREW VEHICLE					
TOP TOP					
180 89					
MIDDLE MIDDLE					
180					
BOTTOM BOTTOM					
89					
DRILLING ASSEMBLY (AT END OF TOUR)					
LENGTH					
BIT RECORD					
DAY TOUR					
MUD RECORD					
METRES DRILLED					
TIME LOG					
BIT BIT SUB					
6' DC					
X.O.					
4 3/4 COLLAR					
JAR					
4 3/4 COLLAR					
H.W.D.P.					
X.O.					
D.P.					
STANDS					
D.P.					
SINGLES					
KELLY DOWN					
TOTAL					
WT. OF D.C.					
21					
WT. OF STRING					
46					
MUD TYPE GEL/CHEM					
WATER BASED X OIL BASED					
FROM TO D-R-C RPM WOB					
FROM TO ELAPSED TIME CODE					
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS					
RIG SERVICE					
SLIP AND CUT DRILL LINE 20.4M					
RIH F/C @ 430M, 725M, 1450M,					
CONDITION MUD & CIRCULATE					
SAFETY MEETING (LAYING DOWN DP)					
POOH LAY DOWN DRILL STRING F/C @ 1450M, 1378M, 725M, 430M, 0					
RIG UP TONG HAND					
CIRCULATION PRESSURE kPa					
PUMP NO. 1					
PUMP NO. 2					
LINER SIZE SPM LINER SIZE SPM					
REDUCED PUMP SPEED					
DEVIATION SURVEYS					
DEPTH (m) DEVIATION DIRECTION					
BOILERS					
HOURS RUN INTAKE DENSITY OVER FLOW DENSITY UNDER FLOW DENSITY					
0					
HOURS RUN INTAKE DENSITY OVER FLOW DENSITY UNDER FLOW DENSITY					
0					
BOILER pH					
11					
STACK TEMP					
325					
DRILLER SIGNATURE					
RYAN OXNER					
SPECIAL EVENT					
TIME / DEPTH					
LAY DOWN DP					
48					
6376					

EVENING

LICENCE NO.		WELL NAME & NO.		DAILY CHECKS										O.P.R./M.		YEAR		MONTH		DAY		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)		SPUD DATE		2007/02/18		TIME		09:45																			
1159		PARA ET AL CAMERON L-73										CONTRACTOR NAME										PRECISION DRILLING, DIV OF PDC		UNIQUE ID		100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		129		FUEL @ 08:00 HRS		219.1		205.9		35.72		IPSCO		J55		32		436.48		4		436		RIG RELEASE				TIME			
OPERATOR		PARAMOUNT RESOURCES LTD.										PRECISION DRILLING, DIV OF PDC										UNIQUE ID		100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO					
SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W										SIGNATURE OF CONTRACTOR'S RIG MANAGER										TYLER ELL		UNIQUE ID		100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO			
NEIL RUNDELL		TYLER ELL										UNIQUE ID										100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO							
OPERATOR		PARAMOUNT RESOURCES LTD.										PRECISION DRILLING, DIV OF PDC										UNIQUE ID		100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO					
SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W										SIGNATURE OF CONTRACTOR'S RIG MANAGER										TYLER ELL		UNIQUE ID		100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO			
NEIL RUNDELL		TYLER ELL										UNIQUE ID										100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO							
OPERATOR		PARAMOUNT RESOURCES LTD.										PRECISION DRILLING, DIV OF PDC										UNIQUE ID		100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO					
SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W										SIGNATURE OF CONTRACTOR'S RIG MANAGER										TYLER ELL		UNIQUE ID		100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO			
NEIL RUNDELL		TYLER ELL										UNIQUE ID										100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO							
OPERATOR		PARAMOUNT RESOURCES LTD.										PRECISION DRILLING, DIV OF PDC										UNIQUE ID		100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO					
SURFACE LOCATION		60:02:38.30 N 117:29:54.30 W										SIGNATURE OF CONTRACTOR'S RIG MANAGER										TYLER ELL		UNIQUE ID		100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL TYPE		VERT.		RE-ENTRY		NO			
NEIL RUNDELL		TYLER ELL										UNIQUE ID										100/60-10-117-15/0		SIGNATURE OF CONTRACTOR'S RIG MANAGER		TYLER ELL		NR		TE		RIG NO.		4000		BOILER		139.7		125.73		23.07		IPSCO		J55				4				WELL													

MORNING

[illegible]

DAY

[illegible]

LICENCE NO.		WELL NAME & NO.		YEAR		MONTH		DAY		O.D. (mm)		MIN I.D. (mm)		MASS (kg/m3)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE		2007/02/18		TIME		09:45																															
1159		PARA ET AL CAMERON L-73		2007		3		1		219.1		205.9		35.72		IPSCO		J55		32		436.48		4		436		RIG RELEASE		2007/03/01		TIME																																	
OPERATOR		CONTRACTOR NAME		RIG NO.		FUEL @ 08:00 HRS		RIG		BOILER		139.7		125.73		23.07		IPSCO		J55		111		1450.82		4		1450		WELL TYPE		VERT.		RE-ENTRY		NO																													
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC		1800		700		TEMPERATURE		-18		DC / DP		DC / DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		OPERATOR'S SAFE		07N710027																													
SURFACE LOCATION		UNIQUE ID		WEATHER		CURRENT CONDITIONS		SNOWING		WIND DIRECTION		DC		152		122		STD		58		150		4" H90 4		BPMMP		EMSCO		229		KELLY BSHG		.33		OP FUEL																													
60:02:38.30 N 117:29:54.30 W		100/60-10-117-15/0		N.E.		ROAD CONDITION		DC		121		69.5				57		123		3" 1/2 IF16		F-800								CONTRACTOR'S JOB NUM		750																																	
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		ICE		DP		101		21.4		E		66		127		4" FH		154										TOUR SHEET SERIAL NUM		PREC129_20070301_1C																																	
NEIL RUNDELL		TYLER ELL		(5.) Motor Kills Checked																								VENDOR SOFTWARE VERSION		EDR_3-2-4_HF2 ETS 2.2																																			
DAILY CHECKS																																																																	
(1.) Daily Walk Around Inspection																																																																	
(2.) Detailed Inspection - Weekly (Using Check List)																																																																	
(3.) H2S Signs Posted if Required																																																																	
(4.) Well Licence & Stick Diagram Posted																																																																	
(5.) Flare Lines Staked																																																																	
(6.) BOP Drills Performed																																																																	
(7.) Visually Inspect BOP's - Flare Lines & Degasser Lines																																																																	
(1.) Rig Site Health & Safety Meeting (one/crew/month)																																																																	
(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)																																																																	
(3.) Mast Inspection before Raising or Lowering																																																																	
(4.) Crown Saver Checked																																																																	
(5.) Motor Kills Checked																																																																	
CODE NO.		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		TOTALS		SHALE SHAKER(S)		RENTALS / SERVICES		MORN		DAY		EVE	
		RIGUP & TEARDOWN		DRILL ACTUAL		REAMING		CORING		COND MUD & CIRC		TRIPS		RIG SERVICE		REPAIR RIG		CUT OFF DRILL LINE		DEV. SURVEY		WIRELINE LOGS		RUN CSG & CEMENT		WAIT ON CEMENT		NIPPLE UP B.O.P.		TEST B.O.P.		DRILLSTEM TEST		PLUG BACK		SQUEE																													

[illegible]

DAY

[illegible]

EVENING

[illegible]

MORNING

LICENCE NO. 1159		WELL NAME & NO. PARA ET AL CAMERON L-73		DAILY CHECKS (1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed (7.) Visually Inspect BOPs- Flare Lines & Degasser Lines (1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CAODC Rig Safety Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked														YEAR 2007 MONTH 3 DAY 3		LAST CASING TUBING OR LINER		O.D. (mm) 219.1		MIN I.D. (mm) 205.9		MASS (kg/m3) 35.72		MAKE IPSCO		GRADE J55		NO. of JOINTS 32		TOTAL LENGTH 436.48		KB TO CSG HEAD 4		SET AT (m) 436		SPUD DATE 2007/02/18 TIME 09:45			
OPERATOR PARAMOUNT RESOURCES LTD.				CONTRACTOR NAME PRECISION DRILLING, DIV OF PDC				RIG NO. 129 FUEL @ 08:00 HRS RIG 500 BOILER 700 TEMPERATURE -30 CURRENT CONDITIONS WINDY WIND DIRECTION N.E. ROAD CONDITION ICE														DC / DP SIZE 152		MASS 122		GRADE STD		MINIMUM I.D. 58		T. JNT. O.D. 150		TYPE THREAD 4" H90 4		NO. of JOINTS 4		PUMP TYPE BPMMP		PUMP MANUFACTURER EMSCO		STROKE LENGTH 229		RIG RELEASE 2007/03/01 TIME 1	
SURFACE LOCATION 60:02:38.30 N 117:29:54.30 W				UNIQUE ID 100/60-10-117-15/0				SIGNATURE OF CONTRACTOR'S RIG MANAGER TYLER ELL														DC / DP SIZE 121		MASS 69.5		GRADE STD		MINIMUM I.D. 57		T. JNT. O.D. 123		TYPE THREAD 3" 1/2 IF16		NO. of JOINTS 4		PUMP TYPE F-800		PUMP MANUFACTURER EMSCO		STROKE LENGTH 229		WELL TYPE VERT. RE-ENTRY NO	
SIGNATURE OF OPERATOR'S REPRESENTATIVE NEIL RUNDELL				SIGNATURE OF CONTRACTOR'S RIG MANAGER TYLER ELL				SIGNATURE OF CONTRACTOR'S RIG MANAGER TYLER ELL														DC / DP SIZE 101		MASS 21.4		GRADE E		MINIMUM I.D. 66		T. JNT. O.D. 127		TYPE THREAD 4" FH 154		NO. of JOINTS 154		PUMP TYPE F-800		PUMP MANUFACTURER EMSCO		STROKE LENGTH 229		OPERATOR'S SAFE 07N710027	
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) NO. TYPE TYPE 1 BRANDT IT38 LOADER				RENTALS / SERVICES MORN DAY EVE											
MORN																												SCREENS CHANGED				NEW/ USED				CREW VEHICLE				MORN DAY EVE			
DAY																												TOP				TOP				CREW VEHICLE				MORN DAY EVE			
EVE																												180				89				CREW VEHICLE				MORN DAY EVE			
TOTAL																												180				89				CREW VEHICLE				MORN DAY EVE			
TOTAL																												89				89				CREW VEHICLE				MORN DAY EVE			
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 DENSITY (kg/m3) FUNNEL VISCOSITY FLUID LOSS (cm3) pH																																											
IADC CODE MANUFACTURER TYPE SERIAL NO. JETS MUD MATERIALS ADDED SOLIDS CONTROL CIRCULATION PRESSURE kPa PUMP NO. 1 PUMP NO. 2																																											
DEPTH OUT (m) DEPTH IN (m) TOTAL DRILLED (m) TOTAL HRS RUN																																											
CUTTING STRUCTURE TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/HR																																											
D.P. STANDS D.P. SINGLES HOLE CONDITION HOLE DRAG TORQUE AT BOTTOM																																											
WT. OF D.C. WT. OF STRING FILL ON BOTTOM (m) STACK TEMP																																											

DAY

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