

LICENCE NO. 1982	WELL NAME AND NO. DEVLAN VINTAGE TREE RIVER C-36	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 - Flare Lines & Degasser Lines (1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CADC Rig Safety Inspection Checklist (one/crew/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kils Checked			
OPERATOR DEVLAN EXPLORATION COMPANY LTD.	CONTRACTOR TRI-CITY DRILLING (1968) LTD.	YEAR 2003	MONTH 2	DAY 26	LAST CASING TUBING OR LINER 244.5 228.8 53.57 TPCO K55 35 4.00 475.02
SURFACE LOCATION 67:15:09.00 N 131:51:40.00 W	UNIQUE ID 300C366720131450	DC / DP SIZE 185 134.00 DC 57 152 4.5XH 16 MM700 IDECO 409	MASS 114 82.50 HWDP 75 114 4.5XH 210 P28 GARDNER DENVER 208	GRADE 114 24.70 E 89 114 4.5XH 12	NO. JOINTS TOTAL LENGTH RKB TO CSG HD. SET AT (m)
SIGNATURE OF OPERATOR'S REPRESENTATIVE FRED SVENKO	SIGNATURE OF CONTRACTOR'S RIG MANAGER JAKE GLOWACH	TEMPERATURE -35	CURRENT CONDITIONS CLEAR	WIND DIRECTION CALM	ROAD CONDITION ROUGH

ALL IN ONE

PASON RIG PRINTOUT

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	TOTAL	SHALE SHAKERS	RENTALS	WORN	DAY	WEEK
RIGUP & TEAR DOWN																																
DRILL ACTUAL																																
REAMING																																
CORING																																
COND MUD & CIRC																																
TRIPS																																
RIG SERVICE																																
REPAIR RIG																																
CUT DRILLING LINE																																
DEV. SURVEY																																
WIRELINE LOGS																																
RUN CSG & CEMENT																																
WAIT ON CEMENT																																
NIPPLE UP B.O.P.																																
TEST B.O.P.																																
DRILL STEM																																
PLUG BACK																																
SQUEEZE CEMENT																																
FISHING																																
DR. WORK																																
SAFETY MEETING																																
TOTAL																																

DRILLING CREW PAYROLL DATA		YEAR 2003	MONTH 2	DAY 26
WELL NAME & NO. DEVLAN VINTAGE TREE RIVER C-36				
OPERATOR DEVLAN EXPLORATION COMPANY LTD	CONTRACTOR TRI-CITY DRILLING (1968) LTD			
RIG MANAGER JAKE GLOWACH	RIG NO. 26			
PROVINCE N.W.T.	CAMP ☒ YES ☐ NO	RIG SAFETY DAYS 1219		

NO.	DRILLING ASSEMBLY	LENGTH	BIT RECORD	MORNING TOUR	MUD RECORD	METRES DRILLED	TIME LOG
	BIT	O.D.	BIT NO. SIZE IADC CODE MANUFACTURER TYPE SERIAL NO. JETS DEPTH OUT DEPTH IN TOTAL M DRILLED TOTAL HRS RUN	MUD TYPE TIME DENSITY (KG/M3) FUNNEL VIS W.L. (cm3) pH	WATER BASED OIL BASED MUD MATERIALS ADDED PRODUCT USED UNIT	SOLIDS CONTROL DESILTER CENTRIFUGE PUMP PRESS KPa PUMP NO. 1 PUMP NO. 2 REDUCED PUMP SPEED DEVIATION SURVEY DEPTH (M) DEVIATION DIRECTION	FROM TO HRS CODE DETAILS OF OPERATIONS IN SEQUENCE & REMARKS CEMENT STAGE 1 BUMPED PLUG 11000KPA.5M3 SCAVEMENT RETURNS CIRCULATE & COND.MUD FOR STAGE #2 CEMENT STAGE 2 BUMPED PLUG WITH 19000KPA.5M3CEMENT RETURNS WASH OUT BOPS. ran 50 Jts139.8mm,20.83kg/m3 J55,8rd.st.casing plus 95 Jts139.8mm,20.83kg/m3,k55,8rd.st.casing float shoe@1872m floatcollar @1857m.c.p @ 1014m stagerool@1001m.cemented w/62.5 ton oilwell G+1% CaCl2 1ST STAGE 2m3 SCAV@1200 KG/M,15.4m3CMT @1518 KG/M 14.29m3CMT @1901 KG/M.DROP PLUG.DISPLACE WITH 12m3 OF H2O + 11.64m3 OF MUD.BUMP PLUG WITH 11000 KPA. ENERGIZED ECP WITH 17500 KPA. CHECK FLOATS HELD OK. 2ND STAGE 2m3 SCAV @ 1200 KG/M,17.58m3CMT @ 1518 KG/M.+ 13.19m3@1901 KG/m DISPLACE WITH 12.75m3 OF H2O BUMP PLUG W/19000 KPA
NOTES : SAFETY MEETING PRIOR TO CEMENTING							
DRILLER SIGNATURE DARCY MORSE							
HRS RUN BOILER PH STACK TEMP MAXIMUM EXPERIENCED HOOK LOAD SAFETY TOPIC MACP 8.00 10.0 355 TEAR OUT BOPS							

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER	640982781	DARCY MORSE	16.00		DM
DERRICK HAND	639103902	KERRY HOPWOOD	12.00		KH
MOTOR HAND	637816448	LORNE RIDSDALE	12.00		LR
FLOOR HAND	632024774	DWAYNE FIRTH	16.00		DF
FLOOR HAND	641747985	RON ITIS	8.00		RI
LEASE HAND	639038306	ERNIE FRANCIS	12.00		EF
RATE SCHEDULE X REGULAR REPAIR INVERT					
CREW SAFETY DAYS 32					

NO.	DRILLING ASSEMBLY	LENGTH	BIT RECORD	DAY TOUR	MUD RECORD	METRES DRILLED	TIME LOG
	BIT	O.D.	BIT NO. SIZE IADC CODE MANUFACTURER TYPE SERIAL NO. JETS DEPTH OUT DEPTH IN TOTAL M DRILLED TOTAL HRS RUN	MUD TYPE TIME DENSITY (KG/M3) FUNNEL VIS W.L. (cm3) pH	WATER BASED OIL BASED MUD MATERIALS ADDED PRODUCT USED UNIT	SOLIDS CONTROL DESILTER CENTRIFUGE PUMP PRESS KPa PUMP NO. 1 PUMP NO. 2 REDUCED PUMP SPEED DEVIATION SURVEY DEPTH (M) DEVIATION DIRECTION	FROM TO HRS CODE DETAILS OF OPERATIONS IN SEQUENCE & REMARKS NIPPLE DOWN BOP SET CASING SLIPS, CUT OFF 5.5 CASING,LAYDOWN SAME LAY DOWN BOP,S NIPPLE UP WELLHEAD. RIG RELEASED @ 12:00 HRS TEAR OUT RIG. INSPECT DERRICK BEFOR LAYING OVER RIG OUT PREFABS,BOILER,POWER COARDS ,WASH UP RIG
NOTES :							
DRILLER SIGNATURE RAY WIESCHORSTER							
HRS RUN BOILER PH STACK TEMP MAXIMUM EXPERIENCED HOOK LOAD SAFETY TOPIC MACP 8.00 10.0 340 50 RIGGING OUT							

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER	634457113	RAY WIESCHORSTER	16.00		RW
DERRICK HAND	650353568	BRITON SEBREE	16.00		BS
MOTOR HAND	650941743	RYAN SABROSKI	16.00		RS
FLOOR HAND	117862640	NIKKO CHAYCHUK	16.00		NC
FLOOR HAND	706860723	LAWRENCE BLAKE	16.00		LB
Exp. Lease L	608407003	JOHN CLIMIE	16.00		JC
RIG MANAGER 629712795 JAKE GLOWACH 1.00 DAY JG					
RATE SCHEDULE X REGULAR REPAIR INVERT					
CREW SAFETY DAYS 32					

NO.	DRILLING ASSEMBLY	LENGTH	BIT RECORD	EVENING TOUR	MUD RECORD	METRES DRILLED	TIME LOG
	BIT	O.D.	BIT NO. SIZE IADC CODE MANUFACTURER TYPE SERIAL NO. JETS DEPTH OUT DEPTH IN TOTAL M DRILLED TOTAL HRS RUN	MUD TYPE TIME DENSITY (KG/M3) FUNNEL VIS W.L. (cm3) pH	WATER BASED OIL BASED MUD MATERIALS ADDED PRODUCT USED UNIT	SOLIDS CONTROL DESILTER CENTRIFUGE PUMP PRESS KPa PUMP NO. 1 PUMP NO. 2 REDUCED PUMP SPEED DEVIATION SURVEY DEPTH (M) DEVIATION DIRECTION	FROM TO HRS CODE DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
NOTES :							
DRILLER SIGNATURE							
HRS RUN BOILER PH STACK TEMP MAXIMUM EXPERIENCED HOOK LOAD SAFETY TOPIC MACP 8.00 10.0 340 TEAROUT							

CREW	SOC INS. NO.	NAME	HRS	YES	NO
RATE SCHEDULE X REGULAR REPAIR INVERT					
CREW SAFETY DAYS 32					



DRILLING CREW PAYROLL DATA

WELL NAME & NO.				YEAR	MONTH	DAY
OPERATOR			CONTRACTOR			
RIG MANAGER					RIG NO.	
PROVINCE			CAMP	☐ YES	☐ NO	RIG SAFETY DAYS

[illegible][illegible][illegible]

LICENCE NO.
1982

WELL NAME & NO.
DEVLAN VINTAGE TREE RIVER C-36

OPERATOR
DEVLAN EXPLORATION COMPANY LTD.

FACE LOCATION
67:15:09.00 N 131:51:40.00 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE
FRED SVENKO

CONTRACTOR
TRI-CITY DRILLING (1968) LTD.

UNIQUE ID
300C366720131450

SIGNATURE OF CONTRACTOR'S RIG MANAGER
JAKE GLOWACH

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

OPR R/L
FS JG
FS JG
FS JG
JG

YEAR 2003 MONTH 2 DAY 24
RIG NO. 26
FUEL @ 08:00 HRS
BOILER 100
TEMPERATURE -35
CURRENT CONDITIONS CLOUDY
WIND DIRECTION CALM
ROAD CONDITION ROUGH

LAST CASING TUBING OR LINER
O.D. (mm) 244.5
MIN I.D. (mm) 226.6
kg/m 53.57
MAKE TPCO
GRADE K55
NO. of JOINTS 35
TOTAL LENGTH 4.00
KB TO CSG HEAD 475.02
DC / DP SIZE
MASS
GRADE
MINIMUM I.D.
T. JNT. O.D.
TYPE THREAD
NO. of JOINTS
PUMP TYPE
PUMP MANUFACTURER
STROKE LENGTH

CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER (S)			RENTALS / SERVICES			MORN	DAY	EVE				
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	BREAK CIRC.								NO. 1	TYPE 2	SWACO								
MORN						3.75	0.25				4.00																8.00	SCREENS CHANGED		YES	NO									
DAY						1.50	0.25				6.25															8.00	210 TOP		210 TOP											
EVE					0.50	7.00	0.25															0.25				8.00	MIDDLE		210 MIDDLE											
TOTAL					0.50	12.25	0.75				10.25											0.25				24.00	210 BOTTOM		210 BOTTOM											

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

BIT

O.D. 0.24

BIT NO. 5

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

0

45

0.75

6

TRIP FOR LOGS FLOW CHECK @952m

2

SHOCK SUB

161 3.68

SIZE

216.0

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

45

100

0.25

7

RIG SERVICE

1

D.C.

170 1.91

IADC CODE

4 4 7

MANUFACTURER

REED

100

400

3.00

6

TRIP FOR LOGS FLOW CHECK @163M / ON BANK

1

D.C.

180 9.39

MANUFACTURER

REED

400

800

4.00

11

RIG UP LOGGERS/ LOG HOLE

1

STAB

212 1.42

TYPE

CD566

1

D.C.

180 102.46

SERIAL NO.

C17LRGSP

2

D.C.

160 18.75

JETS

12.7 12.7

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

140.0

152.0

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: F/T CROWN SAVER
F/T BLIND RAMS ON BANK CLOSE 2 SECS.

1

STAB

212 1.42

TYPE

CD566

1

D.C.

180 102.46

SERIAL NO.

C17LRGSP

2

D.C.

160 18.75

JETS

12.7 12.7

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

140.0

152.0

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: F/T CROWN SAVER
F/T BLIND RAMS ON BANK CLOSE 2 SECS.

1

JAR

119 5.10

TYPE

CD566

1

D.C.

180 102.46

SERIAL NO.

C17LRGSP

2

D.C.

160 18.75

JETS

12.7 12.7

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

140.0

152.0

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: F/T CROWN SAVER
F/T BLIND RAMS ON BANK CLOSE 2 SECS.

1

KEYSEAT WIPER

209 2.01

TYPE

CD566

1

D.C.

180 102.46

SERIAL NO.

C17LRGSP

2

D.C.

160 18.75

JETS

12.7 12.7

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

140.0

152.0

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: F/T CROWN SAVER
F/T BLIND RAMS ON BANK CLOSE 2 SECS.

12

H.W.D.P.

114 112.11

TYPE

CD566

1

D.C.

180 102.46

SERIAL NO.

C17LRGSP

2

D.C.

160 18.75

JETS

12.7 12.7

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

140.0

152.0

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: F/T CROWN SAVER
F/T BLIND RAMS ON BANK CLOSE 2 SECS.

82

D.P.

STANDS 1584.50

DRILLER SIGNATURE

DARCY MORSE

HRS RUN

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

8.00

10.5

360

65

RACKING COLLARS

3557

1

D.P.

SINGLES 9.62

DRILLER SIGNATURE

DARCY MORSE

HRS RUN

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

8.00

10.5

360

65

RACKING COLLARS

3557

KELLY DOWN

7.80

HOLE DRAG

5000 UP

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

TOTAL

1877.89

HOLE DRAG

5000 UP

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

WT. OF D.C.

18

HOLE DRAG

5000 UP

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

OF STRING

65

HOLE DRAG

5000 UP

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

BIT

O.D. 0.24

BIT NO. 6RR

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

800

1415

6.25

11

WIRE LINE LOGS FR/1877m WITH (GRT-CNT-LDT-CST-PIT)

1

BIT SUB

162 0.91

SIZE

115.9

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

1415

1545

1.50

6

TRIPS MAKE UP B.H.A R.I.H FLOW CHECK ON BANK

14

D.C.

160 130.75

IADC CODE

2 1 7

MANUFACTURER

J&L ROCK BIT

1545

1600

0.25

7

RIG SERVICE /FT BLIND RAMS 3 SEC C/O

1

JAR

119 5.10

TYPE

G4XP

1

D.C.

180 18.75

SERIAL NO.

MC11598

2

D.C.

160 18.75

JETS

3X 14.3

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

1300

0.0

0.0

100

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: INSPECT ALL TONG EQUIPMENT OK
FT/ CHOKE CONTROL 30 SEC C/O

1

D.C.

160 130.75

IADC CODE

2 1 7

MANUFACTURER

J&L ROCK BIT

1545

1600

0.25

7

RIG SERVICE /FT BLIND RAMS 3 SEC C/O

1

JAR

119 5.10

TYPE

G4XP

1

D.C.

180 18.75

SERIAL NO.

MC11598

2

D.C.

160 18.75

JETS

3X 14.3

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

1300

0.0

0.0

100

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: INSPECT ALL TONG EQUIPMENT OK
FT/ CHOKE CONTROL 30 SEC C/O

1

KEY/W

209 2.01

TYPE

G4XP

1

D.C.

180 18.75

SERIAL NO.

MC11598

2

D.C.

160 18.75

JETS

3X 14.3

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

1300

0.0

0.0

100

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: INSPECT ALL TONG EQUIPMENT OK
FT/ CHOKE CONTROL 30 SEC C/O

12

H.W.D.P.

114 112.11

TYPE

G4XP

1

D.C.

180 18.75

SERIAL NO.

MC11598

2

D.C.

160 18.75

JETS

3X 14.3

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

1300

0.0

0.0

100

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: INSPECT ALL TONG EQUIPMENT OK
FT/ CHOKE CONTROL 30 SEC C/O

D.P.

STANDS

DRILLER SIGNATURE

RAY WIESCHORSTER

HRS RUN

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

8.00

10.0

340

WIRE LINE LOGS

D.P.

SINGLES

DRILLER SIGNATURE

RAY WIESCHORSTER

HRS RUN

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

8.00

10.0

340

WIRE LINE LOGS

KELLY DOWN

269.87

HOLE DRAG

3000 DOWN

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

TOTAL

1877.00

HOLE DRAG

3000 DOWN

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

WT. OF D.C.

6

HOLE DRAG

3000 DOWN

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

WT. OF STRING

53

HOLE DRAG

3000 DOWN

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

BIT

O.D. 0.24

BIT NO. 6RR

MUD TYPE

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

1600

1930

3.50

6

TRIPS LAY OUT B.H.A

1

BIT SUB

162 0.91

SIZE

115.9

TIME

DENSITY (KG/M3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

1930

2130

2.00

6

TRIP DP IN HOLE

6

D.C.

160 56.02

IADC CODE

2 1 7

MANUFACTURER

J&L ROCK BIT

2130

2300

1.50

6

PICKUP DP 24 SINGALS

1

D.C.

160 56.02

IADC CODE

2 1 7

MANUFACTURER

J&L ROCK BIT

2130

2300

1.50

6

PICKUP DP 24 SINGALS

1

JAR

119 5.10

TYPE

G4XP

1

D.C.

180 18.75

SERIAL NO.

MC11598

2

D.C.

160 18.75

JETS

3X 14.3

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

1300

0.0

0.0

100

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: F/T CROWN SAVER
F/T LOWER PIPE RAMS CLOSE 2 SECS.

1

D.C.

160 56.02

IADC CODE

2 1 7

MANUFACTURER

J&L ROCK BIT

2130

2300

1.50

6

PICKUP DP 24 SINGALS

1

JAR

119 5.10

TYPE

G4XP

1

D.C.

180 18.75

SERIAL NO.

MC11598

2

D.C.

160 18.75

JETS

3X 14.3

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

1300

0.0

0.0

100

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: F/T CROWN SAVER
F/T LOWER PIPE RAMS CLOSE 2 SECS.

1

KEY/W

209 2.01

TYPE

G4XP

1

D.C.

180 18.75

SERIAL NO.

MC11598

2

D.C.

160 18.75

JETS

3X 14.3

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

1300

0.0

0.0

100

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: F/T CROWN SAVER
F/T LOWER PIPE RAMS CLOSE 2 SECS.

12

H.W.D.P.

114 112.11

TYPE

G4XP

1

D.C.

180 18.75

SERIAL NO.

MC11598

2

D.C.

160 18.75

JETS

3X 14.3

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1 LINER SIZE SPM

PUMP NO. 2 LINER SIZE SPM

1300

0.0

0.0

100

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

NOTES: F/T CROWN SAVER
F/T LOWER PIPE RAMS CLOSE 2 SECS.

D.P.

STANDS

DRILLER SIGNATURE

DARCY MORSE

HRS RUN

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

8.00

10.5

355

55

PICKUP DP

3557

D.P.

SINGLES

DRILLER SIGNATURE

DARCY MORSE

HRS RUN

BOILER pH

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

8.00

10.5

355

55

PICKUP DP

3557

KELLY DOWN

3.55

HOLE DRAG

3000 DOWN

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

TOTAL

1877.00

HOLE DRAG

3000 DOWN

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

WT. OF D.C.

6

HOLE DRAG

3000 DOWN

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

WT. OF STRING

53

HOLE DRAG

3000 DOWN

TORQUE AT BOTTOM

0

FILL ON BOTTOM (M)

0.00

PASON DATAHUB
Tri-City 26



CDN 3422-2-011204

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

MORNING TOUR

FROM 0

TO 800

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DAY TOUR

FROM 800

TO 1600

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

EVENING TOUR

FROM 1600

TO 2400

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

PASON DATAHUB
Tri-City 26

CDN 3422-2-011204



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
OPERATOR		CONTRACTOR		
RIG MANAGER		RIG NO.		
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS

[illegible][illegible][illegible]

PASON DATAHUB
Tri-City 26

CDN 3422-2-011204



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
OPERATOR		CONTRACTOR		
RIG MANAGER			RIG NO.	
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS

[illegible][illegible][illegible]

PASON DATAHUB
Tri-City 26

CDN 3422-2-011204



DRILLING CREW PAYROLL DATA					
WELL NAME & NO.			YEAR	MONTH	DAY
OPERATOR			CONTRACTOR		
RIG MANAGER			RIG NO.		
PROVINCE	CAMP	☐ YES ☐ NO	RIG SAFETY DAYS		

[illegible][illegible][illegible]

LICENCE NO.
1982

WELL NAME & NO.
DEVLAN VINTAGE TREE RIVER C-36

OPERATOR
DEVLAN EXPLORATION COMPANY LTD.

CONTRACTOR
TRI-CITY DRILLING (1968) LTD.

WELL LOCATION
67:15:09.00 N 131:51:40.00 W

UNIQUE ID
300C366720131450

SIGNATURE OF OPERATOR'S REPRESENTATIVE
FRED SVENKO

SIGNATURE OF CONTRACTOR'S RIG MANAGER
JAKE GLOWACH

DAILY CHECKS
(1.) Daily Walk Around Inspection
(2.) Defatted 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 & Dogasser Lines
(1.) Rig Site Health & Safety Meeting (one/crow/month)
(2.) CAODC Rig Safe Inspection Checklist (one/rig/month)
(3.) Mast Inspection before Raising or Lowering
(4.) Crown Saver Checked
(5.) Motor Kills Checked

OPR. R.M.
FS JG

YEAR 2003 MONTH 2 DAY 18

RIG NO. 26
FUEL @ 08:00 HRS
BOILER 112

TEMPERATURE
31
CURRENT CONDITIONS
CLEAR
WIND DIRECTION
CALM
ROAD CONDITION
ROUGH

LAST CASING TUBING OR LINER
O.D. (mm)
244.5
MIN I.D. (mm)
226.6
kg/m
53.57
MAKE
TPCO
GRADE
K55
NO. OF JOINTS
35
TOTAL LENGTH
4.00
KB TO CSG HEAD
475.02

DC / DP SIZE
MASS
GRADE
MINIMUM I.D.
T. JNT. O.D.
TYPE THREAD
NO. OF JOINTS
PUMP TYPE
PUMP MANUFACTURER
STROKE LENGTH
185 134.00 DC 57 152 4.5XH 16 MM700 IDECO 406
114 82.50 HWDP 75 114 4.5XH 210 PZ8 GARDNER DENVER 206
114 24.70 E 89 114 4.5XH 12

CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER (S)				RENTALS / SERVICES			MORN	DAY	EVE	
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE 1	TYPE 2							
																													SCREENS CHANGED	SWACO	YES	NO						
																													210	TOP	210	TOP						
																															MIDDLE	MIDDLE						
																												210	BOTTOM	210	BOTTOM							
MORN		7.25					0.25			0.50																	8.00											
DAY		7.25					0.25			0.50																	8.00											
EVE		7.25					0.25			0.50																	8.00											
TOTAL		21.75					0.75			1.50																	24.00											

NO. 1
DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1 MOTOR 165 7.90 SIZE 215.9

1 X.O. 158 0.52 IADC CODE

1 D.C. 160 9.45 MANUFACTURER P.D.C GEARHART

1 STAB 170 1.91 TYPE MS166

1 D.C. 160 9.45 SERIAL NO. MC11671

12 D.C. 160 111.87 JETS 6X 11.1

1 JAR 119 5.10

2 D.C. 160 18.75

1 KEYSEAT WIPER 209 2.01

12 H.W.D.P. 114 112.11

DEPTH OUT

DEPTH IN 946.00

TOTAL M DRILLED 431.00

TOTAL HRS RUN 105.00

CUTTING STRUCTURE

TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN M/Hr

56 D.P. STANDS 1081.40

1 D.P. SINGLES 9.75

KELLY DOWN 5.11

TOTAL 1377.00

WT. OF D.C. 18

OF STRING 55

FILL ON BOTTOM (M) 0.00

HOLE CONDITION 3 UP / 3 DOWN

TORQUE AT BOTTOM 6000

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

DESILTER

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

1365.00 5.75

NOTES: F/T CROWN SAVER
F/T LOWER PIPE RAMS CLOSE 2 SECS.
INSPECT DERICK PINS

DRILLER SIGNATURE

DARCY MORSE

HRS RUN 8.00

BOILER pH 10.0

STACK TEMP 360

MAXIMUM EXPERIENCED HOOK LOAD 61

SAFETY TOPIC DRILLING LINE

MACP 3650

NO. 1
DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1 MOTOR 165 7.90 SIZE 215.9

1 X.O. 158 0.52 IADC CODE

1 D.C. 160 9.45 MANUFACTURER P.D.C GEARHART

1 STAB 170 1.91 TYPE MS166

1 D.C. 160 9.45 SERIAL NO. MC11671

12 D.C. 160 111.87 JETS 6X 11.1

1 JAR 119 5.10

2 D.C. 160 18.75

1 KEYSEAT WIPER 209 2.01

12 H.W.D.P. 114 112.11

DEPTH OUT

DEPTH IN 946.00

TOTAL M DRILLED 484.00

TOTAL HRS RUN 112.25

CUTTING STRUCTURE

TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN M/Hr

58 D.P. STANDS 1139.74

1 D.P. SINGLES 9.80

KELLY DOWN 5.11

TOTAL 1430.28

WT. OF D.C. 18

OF STRING 55

FILL ON BOTTOM (M) 0.00

HOLE CONDITION 2-4 UP DOWN

TORQUE AT BOTTOM 7080

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

DESILTER

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

1394.00 5.12

NOTES: INSPECT ALL TONG EQUIPMENT. BACKUP LINES,PINS,JAWS,SAFTEY PINS
FT/CHOKE CONTROL 30 SEC C/O
GREASE CROWN SHIVES

DRILLER SIGNATURE

RAY WIESCHORSTER

HRS RUN 8.00

BOILER pH 10.0

STACK TEMP 340

MAXIMUM EXPERIENCED HOOK LOAD 63

SAFETY TOPIC FROST PLUGS

MACP 3185

NO. 1
DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1 MOTOR 165 7.90 SIZE 215.9

1 X.O. 158 0.52 IADC CODE

1 D.C. 160 9.45 MANUFACTURER P.D.C GEARHART

1 STAB 170 1.91 TYPE MS166

1 D.C. 160 9.45 SERIAL NO. MC11671

12 D.C. 160 111.87 JETS 6X 11.1

1 JAR 119 5.10

2 D.C. 160 18.75

1 KEYSEAT WIPER 209 2.01

12 H.W.D.P. 114 112.11

DEPTH OUT

DEPTH IN 946.00

TOTAL M DRILLED 526.00

TOTAL HRS RUN 119.50

CUTTING STRUCTURE

TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN M/Hr

61 D.P. STANDS 1178.45

1 D.P. SINGLES 12.91

KELLY DOWN 4.00

TOTAL 1472.10

WT. OF D.C. 18

OF STRING 55

FILL ON BOTTOM (M) 0.00

HOLE CONDITION 4 UP / 4 DOWN

TORQUE AT BOTTOM 9000

HOURS RUN

INTAKE DENSITY (KG/M3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

DESILTER

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (M)

DEVIATION

DIRECTION

1423.00 5.50

NOTES: F/T CROWN SAVER
F/T UPPER PIPE RAMS CLOSE 2 SECS.
DUMP TANK #4

DRILLER SIGNATURE

DARCY MORSE

HRS RUN 8.00

BOILER pH 10.0

STACK TEMP 340

MAXIMUM EXPERIENCED HOOK LOAD 63

SAFETY TOPIC HOISTING EQUIPMENT

MACP 3650

PASON DATAHUB
Tri-City 26



CDN 3422-2-011204

DRILLING CREW PAYROLL DATA									
WELL NAME & NO.		YEAR		MONTH		DAY			
OPERATOR		CONTRACTOR							
RIG MANAGER		RIG NO.							
PROVINCE		CAMP		YES		NO		RIG SAFETY DAYS	

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

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

RATE SCHEDULE		REGULAR		REPAIR		INVERT	
		CREW SAFETY DAYS					

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

RATE SCHEDULE		REGULAR		REPAIR		INVERT	
		CREW SAFETY DAYS					

LICENCE NO. 1982

WELL NAME & NO. DEVLAN VINTAGE TREE RIVER C-36

OPERATOR DEON EXPLORATION COMPANY LTD.

FACE LOCATION 67:15:09.00 N 131:51:40.00 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE FRED SVENKO

WELL NAME & NO. DEVLAN VINTAGE TREE RIVER C-36

CONTRACTOR TRI-CITY DRILLING (1968) LTD.

UNIQUE ID 300C366720131450

SIGNATURE OF CONTRACTOR'S RIG MANAGER JAKE GLOWACH

DAILY CHECKS

OPTRM FS JG

YEAR 2003 MONTH 2 DAY 17

RIG NO. 26

FUEL @ 08:00 HRS

RIG 34

BOILER 185

TEMPERATURE 46

CURRENT CONDITIONS CLEAR

WIND DIRECTION CALM

ROAD CONDITION SLIPPERY

LAST CASING TUBING OR LINER

DC / DP SIZE 185

MASS 134.00

GRADE DC

MINIMUM ID 57

T. JNT. O.D. 152

TYPE THREAD 4.5XH

NO. OF JOINTS 16

PUMP TYPE MM700

PUMP MANUFACTURER IDECO

STROKE LENGTH 406

O.D. (mm) 244.5

MIN I.D. (mm) 226.6

kg/m 53.57

TPCO

GRADE K55

NO. OF JOINTS 35

TOTAL LENGTH 4.00

KB TO CSG HEAD 475.02

SET AT (m)

CODE NO.

1

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25

26

TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

210

RENTALS / SERVICES

MORN

DAY

EVE

NO.

1

2

3

4

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24

25

26

TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

1

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26

TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

1

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26

TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

1

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26

TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

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TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

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TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

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TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

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TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

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TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

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TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

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TOTALS

NO. 1

TYPE 1

SWACO

SCREENS CHANGED TOP

210

MIDDLE

210

BOTTOM

RENTALS / SERVICES

MORN

DAY

EVE

NO.

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17

PASON DATAHUB
Tri-City 26



CDN 3422-2-011204

[illegible]



CDN 3422-2-011204

LICENCE NO.
1982

WELL NAME & NO.
DEVLAN VINTAGE TREE RIVER C-36

OPERATOR
DEVLAN EXPLORATION COMPANY LTD.

CONTRACTOR
TRI-CITY DRILLING (1968) LTD.

WELL LOCATION
67:15:09.00 N 131:51:40.00 W

UNIQUE ID
300C366720131450

SIGNATURE OF OPERATOR'S REPRESENTATIVE
FRED SVENKO

SIGNATURE OF CONTRACTOR'S RIG MANAGER
JAKE GLOWACH

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.) CADC Rig Sate Inspection Checklist (one/rig/month)
(3.) Mast Inspection before Raising or Lowering
(4.) Crown Saver Checked
(5.) Motor Kils Checked

OPRI/RM
FS JG
JG
JG
JG
JG

YEAR **2003** MONTH **2** DAY **15**
RIG NO. **26**
FUEL @ 08:00 HRS
RIG **181**
BOILER **148**
TEMPERATURE
CURRENT CONDITIONS
WIND DIRECTION
N.W.
ROAD CONDITION
ROUGH

LAST CASING TUBING OR LINER
O.D. (mm) **244.5**
MIN I.D. (mm) **226.6**
kg/m **53.57**
MAKE **TPCO**
GRADE **K55**
NO. of JOINTS **35**
TOTAL LENGTH **4.00**
KB TO CSG HEAD **475.02**
SET AT (m)

DC / DP SIZE
MASS
GRADE
MINIMUM I.D.
T. JNT. O.D.
TYPE THREAD
NO. of JOINTS
PUMP TYPE
PUMP MANUFACTURER
STROKE LENGTH
185 **134.00** **DC** **57** **152** **4.5XH** **16** **MM700** **IDECO** **406**
114 **82.50** **HWDP** **75** **114** **4.5XH** **210** **PZ8** **GARDNER DENVER** **206**
114 **24.70** **E** **89** **114** **4.5XH** **12**

CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER (S)				RENTALS / SERVICES			MORN	DAY	EVE
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING							NO.	TYPE	1	2						
MORN		7.00					0.25			0.75																	8.00	SCREENS CHANGED		YES		NO					
	DAY	7.25					0.25			0.50																	8.00	TOP	210	TOP							
	EVE	5.00			0.50					0.25	2.25																8.00	MIDDLE		MIDDLE							
	TOTAL	19.25			0.50		0.50			1.50	2.25																24.00	210	BOTTOM	210	BOTTOM						

NO. **1**

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH **0.25**

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1 **MOTOR** **165** **7.90** **SIZE** **215.9** **MUD TYPE** **WATER BASED** **TIME** **200** **400** **600** **1063.00** **1104.00** **D** **170** **5** **FROM** **0** **TO** **130** **1.50** **2** **DRILL FR 1063m- 1075M**

1 **X.O.** **158** **0.52** **IADC CODE** **DENSITY (KG/M3)** **1045** **1045** **1045** **130** **145** **0.25** **7** **RIG SERVICE**

1 **D.C.** **160** **9.45** **MANUFACTURER** **P.D.C GEARHART** **FUNNEL VISCOSITY** **53** **54** **53** **145** **200** **0.25** **10** **DEV. SURVEY @1065m 5 1/8 DEGREES**

1 **STAB** **170** **1.91** **TYPE** **MS166** **FLUID LOSS (cm3)** **8.0** **8.0** **8.0** **200** **430** **2.50** **2** **DRILL FR 1075m- 1094m**

1 **D.C.** **160** **9.45** **SERIAL NO.** **MC11671** **pH** **10.0** **10.0** **10.0** **430** **500** **0.50** **10** **DEV. SURVEY @ 1085m 6 DEGREES**

1 **STAB** **212** **1.42** **JETS** **6X** **11.1** **MUD MATERIALS ADDED** **SOLIDS CONTROL** **CIRCULATION PRESSURE** **PUMP NO. 1** **PUMP NO. 2**

12 **D.C.** **160** **111.87** **DEPTH OUT** **AQUAPAC** **2** **SX** **DESILTER** **5400** **140.0** **152.0** **123**

1 **JAR** **119** **5.10** **DEPTH IN** **946.00** **BARZAN-D** **1** **SX** **HOURS RUN** **INTAKE DENSITY (KG/M3)** **OVER FLOW DENSITY** **UNDER FLOW DENSITY**

2 **D.C.** **160** **18.75** **TOTAL M DRILLED** **158.00** **GEL** **10** **SX** **REDUCED PUMP SPEED** **1094** **@** **55** **@** **1260**

1 **KEYSEAT WIPER** **209** **2.01** **TOTAL HRS RUN** **42.25** **LIGNITE** **2** **SX** **DEVIATION SURVEYS**

12 **H.W.D.P.** **114** **112.11** **CUTTING STRUCTURE** **DEPTH (M)** **DEVIATION** **DIRECTION**

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

42 **D.P.** **STANDS** **810.76** **HOLE CONDITION** **1 UP / 1 DOWN** **HOURS RUN** **INTAKE DENSITY (KG/M3)** **OVER FLOW DENSITY** **UNDER FLOW DENSITY** **8.00** **1045** **1035** **1780**

1 **D.P.** **SINGLES** **12.91** **HOLE DRAG** **5300** **DRILLER SIGNATURE** **DARCY MORSE** **HRS RUN** **BOILER** **STACK TEMP** **MAXIMUM EXPERIENCED HOOK LOAD** **SAFETY TOPIC** **MACP**

WT. OF D.C. **18** **TORQUE AT BOTTOM** **5300** **DARCY MORSE** **8.00** **10.0** **340** **51** **FROST BITE** **3720**

WT. OF STRING **50** **FILL ON BOTTOM (M)** **0.00**

NO. **1**

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH **0.25**

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1 **MOTOR** **165** **7.90** **SIZE** **215.9** **MUD TYPE** **WATER BASED** **TIME** **730** **1230** **1600** **1104.00** **1126.00** **D** **160** **4** **FROM** **800** **TO** **1200** **4.00** **2** **DRILL 215.9mm FR/1104m-1114m**

1 **X.O.** **158** **0.52** **IADC CODE** **DENSITY (KG/M3)** **1040** **1040** **1040** **1200** **1230** **0.50** **10** **DEV. SURVEY @1104m**

1 **D.C.** **160** **9.45** **MANUFACTURER** **P.D.C GEARHART** **FUNNEL VISCOSITY** **53** **53** **52** **1230** **1545** **3.25** **2** **DRILL FR/1114m- 1126m**

1 **STAB** **170** **1.91** **TYPE** **MS166** **FLUID LOSS (cm3)** **8.0** **7.5** **8.0** **1545** **1600** **0.25** **7** **RIG SERVICE FT ANNULAR,UPPER PIPE, LOWER PIPE 1.13 SEC C/O**

1 **D.C.** **160** **9.45** **SERIAL NO.** **MC11671** **pH** **9.5** **10.0** **9.5** **1600**

1 **STAB** **212** **1.42** **JETS** **6X** **11.1** **MUD MATERIALS ADDED** **SOLIDS CONTROL** **CIRCULATION PRESSURE** **PUMP NO. 1** **PUMP NO. 2**

12 **D.C.** **160** **111.87** **DEPTH OUT** **AQUAPAC** **3** **SX** **DESILTER** **5220** **140.0** **152.0** **124**

1 **JAR** **119** **5.10** **DEPTH IN** **946.00** **CAUSTIC** **2** **SX** **HOURS RUN** **INTAKE DENSITY (KG/M3)** **OVER FLOW DENSITY** **UNDER FLOW DENSITY**

2 **D.C.** **160** **18.75** **TOTAL M DRILLED** **180.00** **GEL** **15** **SX** **REDUCED PUMP SPEED** **1133** **@** **42** **@** **1030**

1 **KEYSEAT WIPER** **209** **2.01** **TOTAL HRS RUN** **49.50** **LIGNITE** **3** **SX** **DEVIATION SURVEYS**

12 **H.W.D.P.** **114** **112.11** **CUTTING STRUCTURE** **DEPTH (M)** **DEVIATION** **DIRECTION**

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

43 **D.P.** **STANDS** **830.15** **HOLE CONDITION** **2-4 UP-DOWN** **HOURS RUN** **INTAKE DENSITY (KG/M3)** **OVER FLOW DENSITY** **UNDER FLOW DENSITY** **8.00** **1040** **1030** **1850**

1 **D.P.** **SINGLES** **5.60** **HOLE DRAG** **4937** **DRILLER SIGNATURE** **RAY WIESCHORSTER** **HRS RUN** **BOILER** **STACK TEMP** **MAXIMUM EXPERIENCED HOOK LOAD** **SAFETY TOPIC** **MACP**

WT. OF D.C. **18** **TORQUE AT BOTTOM** **4937** **RAY WIESCHORSTER** **8.00** **10.0** **340** **56** **AIR LINNES** **3743**

WT. OF STRING **50** **FILL ON BOTTOM (M)** **0.00**

NO. **1**

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH **0.25**

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1 **MOTOR** **165** **7.90** **SIZE** **215.9** **MUD TYPE** **WATER BASED** **TIME** **2100** **2330** **1126.00** **1152.00** **D** **160** **4** **FROM** **1600** **TO** **1800** **2.00** **2** **DRILL DR/1126m- 1134m**

1 **X.O.** **158** **0.52** **IADC CODE** **DENSITY (KG/M3)** **1050** **1050** **1800** **1830** **0.50** **5** **COND MUD & CIRC FOLW CHECK @ 1120m**

1 **D.C.** **160** **9.45** **MANUFACTURER** **P.D.C GEARHART** **FUNNEL VISCOSITY** **54** **55** **1830** **2045** **2.25** **11** **WIRELINE GIRO LOG FROM 1120m**

1 **STAB** **170** **1.91** **TYPE** **MS166** **FLUID LOSS (cm3)** **8.0** **7.0** **2045** **2345** **3.00** **2** **DRILL 1134m- 1152m**

1 **D.C.** **160** **9.45** **SERIAL NO.** **MC11671** **pH** **10.0** **10.0** **2345** **2400** **0.25** **10** **DEV. SURVEY @1143m 5. 7/8 DEGREES**

1 **STAB** **212** **1.42** **JETS** **6X** **11.1** **MUD MATERIALS ADDED** **SOLIDS CONTROL** **CIRCULATION PRESSURE** **PUMP NO. 1** **PUMP NO. 2**

12 **D.C.** **160** **111.87** **DEPTH OUT** **AQUAPAC** **1** **SX** **DESILTER** **5600** **140.0** **152.0** **123**

1 **JAR** **119** **5.10** **DEPTH IN** **946.00** **LIGNITE** **1** **SX** **HOURS RUN** **INTAKE DENSITY (KG/M3)** **OVER FLOW DENSITY** **UNDER FLOW DENSITY**

2 **D.C.** **160** **18.75** **TOTAL M DRILLED** **206.00** **GEL** **1** **SX** **REDUCED PUMP SPEED** **1134** **@** **48** **@** **1210**

1 **KEYSEAT WIPER** **209** **2.01** **TOTAL HRS RUN** **54.50** **DEVIATION SURVEYS**

12 **H.W.D.P.** **114** **112.11** **CUTTING STRUCTURE** **DEPTH (M)** **DEVIATION** **DIRECTION**

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

45 **D.P.** **STANDS** **868.96** **HOLE CONDITION** **1 UP / 1 DOWN** **HOURS RUN** **INTAKE DENSITY (KG/M3)** **OVER FLOW DENSITY** **UNDER FLOW DENSITY** **8.00** **1050** **1040** **1830**

1 **D.P.** **SINGLES** **12.91** **HOLE DRAG** **4500** **DRILLER SIGNATURE** **DARCY MORSE** **HRS RUN** **BOILER** **STACK TEMP** **MAXIMUM EXPERIENCED HOOK LOAD** **SAFETY TOPIC** **MACP**

WT. OF D.C. **18** **TORQUE AT BOTTOM** **4500** **DARCY MORSE** **8.00** **10.0** **345** **55** **SAFETY PINS** **3743**

WT. OF STRING **51** **FILL ON BOTTOM (M)** **0.00**

Form containing multiple sections: License No., Well Name & No., Operator, Contractor, Location, Date, Time, Rigs, Drilling Assembly, Bit Record, Mud Record, Metres Drilled, Time Log, and various inspection and safety logs.



CDN 3422-2-011204

[illegible]

PASON DATAHUB
Tri-City 26

CDN 3422-2-011204



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
OPERATOR		CONTRACTOR		
RIG MANAGER		RIG NO.		
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS

[illegible][illegible][illegible]

PASON DATAHUB

Tri-City 26

CN 3422-2-011204



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
OPERATOR		CONTRACTOR		
RIG MANAGER		RIG NO.		
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS

LICENCE NO.

WELL NAME & NO.

1982

DEVLAN VINTAGE TREE RIVER C-36

OPERATOR

DEVLAN EXPLORATION COMPANY LTD.

LOCATION

67:15:09.00 N 131:51:40.00 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE

FRED SVENKO

CONTRACTOR

TRI-CITY DRILLING (1968) LTD.

UNIQUE ID

300C366720131450

SIGNATURE OF CONTRACTOR'S RIG MANAGER

JAKE GLOWACH

DAILY CHECKS

(1.) Daily Walk Around Inspection

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

(3.) H2S Signs Posted If Required

(4.) Well Licence & Stick Diagram Posted

(5.) Flare Lines Staked

(6.) BOP Drills Performed

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

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

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

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kills Checked

OPR

RM

FS

JG

YEAR

2003

MONTH

2

DAY

11

RIG NO.

26

FUEL @ 08:00 HRS

84

BOILER

209

TEMPERATURE

18

CURRENT CONDITIONS

CLOUDY

WIND DIRECTION

CALM

ROAD CONDITION

SNOW

DC / DP SIZE

185

MASS

134.00

GRADE

DC

MINIMUM I.D.

57

T. JNT. O.D.

152

TYPE THREAD

4.5XH

NO. OF JOINTS

16

PUMP TYPE

MM700

IDEAL

406

STROKE LENGTH

206

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

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.

DRILL/STEM TEST

PLUG BACK

SQUEEZE CEMENT

FISHING

DIR. WORK

SAFETY MEETING

BLOW KELLY

MORN

DAY

EVE.

TOTAL

8.00

8.00

8.00

24.00

SHALE SHAKER (S)

RENTALS / SERVICES

MORN

DAY

EVE

NO.

1

TYPE

SWACO

SCREENS CHANGED

TOP

MIDDLE

BOTTOM

2

YES

NO

210

210

210

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

BIT

O.D.

0.25

SIZE

215.9

IADC CODE

MANUFACTURER

P.D.C GEARHART

TYPE

MS 166---

SERIAL NO.

1917

JETS

6

11.1

DEPTH OUT

DEPTH IN

775.00

TOTAL M DRILLED

98.00

TOTAL HRS RUN

7.75

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

30

D.P.

STANDS

578.42

1

D.P.

SINGLES

9.64

KELLY DOWN

3.77

TOTAL

873.36

WT. OF D.C.

18

OF STRING

45

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT NO.

2

MUD TYPE

X

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

TIME

200

400

600

822.00

873.00

D

150

3

DENSITY (KG/M3)

1055

1055

1060

FUNNEL VISCOSITY

55

57

55

FLUID LOSS (cm3)

8.0

8.0

7.0

pH

10.0

10.0

9.5

CIRCULATION PRESSURE kPa

6100

PUMP NO. 1

LINER SIZE

140.0

SPM

152.0

123

REDUCED PUMP SPEED

872

@

62

@

1300

DEVIATION SURVEYS

DEPTH (M)

804.00

852.00

DEVIATION

5.75

7.00

DIRECTION

NOTES:

F/T CROWN SAVER

F/T ANNULAR CLOSE 3 SECS

INSPECT BRAKE LINKAGE / DERRICK PINS

DRILLER SIGNATURE

DARCY MORSE

HRS RUN

8.00

BOILER pH

10.0

STACK TEMP

350

MAXIMUM EXPERIENCED HOOK LOAD

46

SAFETY TOPIC

SUSPENDED LOADS

MACP

3165

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

BIT

O.D.

0.25

SIZE

215.9

IADC CODE

MANUFACTURER

P.D.C GEARHART

TYPE

MS 166

G4XP

SERIAL NO.

MC11671

MC11598

JETS

6

11.1

14.3

12.14.3

DEPTH OUT

DEPTH IN

775.00

873.00

TOTAL M DRILLED

98.00

5.00

TOTAL HRS RUN

7.75

1.75

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

30

D.P.

STANDS

578.42

1

D.P.

SINGLES

9.64

KELLY DOWN

12.91

TOTAL

878.28

WT. OF D.C.

18

OF STRING

45

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT NO.

2

3

MUD TYPE

X

WATER BASED

OIL BASED

FROM

TO

D-R-C

RPM

WOB

TIME

1430

1630

1830

873.00

878.00

D

PASON DATAHUB
Tri-City 26



CDN 3422-2-011204

[illegible]



CDN 3422-2-011204

CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER (S)				RENTALS / SERVICES	MORN	DAY	EVE																							
																												RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING					COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	NO. 1	TYPE SWACO	TYPE 2	SCREENS CHANGED	YES	NO
MORN		7.75					0.25																			8.00	210	TOP	210	TOP																												
DAY		4.50					2.25			0.75																8.00	210	MIDDLE	210	MIDDLE																												
EVE		2.50					4.25																			7.25	210	BOTTOM	210	BOTTOM																												
TOTAL		14.75					6.50			0.75																23.25	210		210																													

[illegible]

OPERATOR		CONTRACTOR	
RIG MANAGER			RIG NO.

PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS
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MORNING TOUR	FROM	0	TO	800	INJURIES
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[illegible]

RATE SCHEDULE	REGULAR	REPAIR	INVERT
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	CREW SAFETY DAYS	

DAY TOUR	FROM	800	TO	1600	INJURIES
----------	------	-----	----	------	----------

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

[illegible]

RATE SCHEDULE		REGULAR		REPAIR		INVERT
---------------	--	---------	--	--------	--	--------

	CREW SAFETY DAYS	
--	------------------	--

[illegible]

EVENING TOUR		FROM	1600	TO	2400	INJURIES	

[illegible]

RATE SCHEDULE	REGULAR	REPAIR	INVERT
---------------	---------	--------	--------

	CREW SAFETY DAYS	
--	-------------------------	--

NO.		DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD		MORNING TOUR		MUD RECORD				METRES DRILLED					TIME LOG								
1		BIT		O.D.	0.24	BIT NO.	1A	MUD TYPE		X	WATER BASED			OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS	
1		SHOCK SUB		166	3.68	SIZE	219.0	TIME		230	430	600	718.00	757.00	D	170	10	0	230	2.50	2	DRILL FR 718m- 738m				
3		D.C.		160	28.31	IADC CODE	2 1 7	DENSITY (KG/M3)		1080	1075	1070						230	245	0.25	7	RIG SERVICE				
1		STAB		170	1.91	MANUFACTURER	ROCK BIT	FUNNEL VISCOSITY		50	54	58						245	800	5.25	2	DRILL FR 738m- 757m				
11		D.C.		160	83.57	TYPE	G4XP	FLUID LOSS (cm3)			10.0	7.0						800								
1		JAR		119	5.10	SERIAL NO.	MC11671	pH		10.0	10.0	10.0														
2		D.C.		160	37.62	JETS	12.7 12.7	MUD MATERIALS ADDED		SOLIDS CONTROL				CIRCULATION PRESSURE kPa		PUMP NO. 1 LINER SIZE		SPM		PUMP NO. 2 LINER SIZE		SPM				
12		H.W.D.P.		114	112.11	DEPTH OUT		PRODUCT		AMOUNT	UNIT	DESILTER				5000	140.0		152.0	123						
						DEPTH IN	478.00	AQUAPAC		3	SX	HOURS RUN	INTAKE DENSITY (KG/M3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	REDUCED PUMP SPEED										
						TOTAL M DRILLED	279.00	LIGNITE		3	SX					738	@	60	@	1060						
						TOTAL HRS RUN	36.00	ENCAPSORFLOC		2	FAILS					DEVIATION SURVEYS										
						CUTTING STRUCTURE		GEL		40	SX	CENTRIFUGE				DEPTH (M)		DEVIATION		DIRECTION						
						TI	TO	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN M/Hr	CAUSTIC		1	SX	HOURS RUN	INTAKE DENSITY (KG/M3)	OVER FLOW DENSITY	UNDER FLOW DENSITY				
24		D.P.		STANDS	462.39																					
1		D.P.		SINGLES	9.62																					
												</														

DRILLING ASSEMBLY (AT END OF TOUR)			LENGTH	BIT RECORD		DAY TOUR		MUD RECORD			METRES DRILLED					TIME LOG												
BIT			O.D.	0.24	BIT NO.	1A	MUD TYPE			X	WATER BASED		OIL BASED	FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS					
1 SHOCK SUB			166	3.68	SIZE	219.0	TIME			800	1200	1400		757.00	775.00	D	170	10	800	845	0.75	2	DRILL 219mm HOLE FR/757m-762m					
3 D.C.			160	28.31	IADC CODE	2 1 7	DENSITY (KG/M3)			1060	1050								845	930	0.75	10	DEV. SURVEY MISS RUN ON FRIST SURVEY					
1 STAB			170	1.91	MANUFACTURER	ROCK BIT	FUNNEL VISCOSITY			55	50								930	1315	3.75	2	DRILL FR/ 762m-775m					
11 D.C.			160	83.57	TYPE	G4XP	FLUID LOSS (cm3)			8.0									1315	1345	0.50	7	RIG SERVICE FT/ LOWER PIPE RAMS 3 SEC C/O					
1 JAR			119	5.10	SERIAL NO.	MC11671	pH			9.0	8.0								1345	1600	2.25	6	TRIPS BLOW KELLY BACK P.O.O.H FOR B.H.A					
2 D.C.			160	37.62	JETS	12.7 12.7	MUD MATERIALS ADDED			SOLIDS CONTROL			CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2								FLOW CHECKS @763m, 386,DC OUT OF HOLE				
						12.7	PRODUCT			AMOUNT	UNIT	DESILTER			4440	140.0	152.0	124							CAL:5.70 MEAS:6.41 DIFF.:71			
					DEPTH OUT		AQUAPAC			1	SX				REDUCED PUMP SPEED													
					DEPTH IN	478.00	LIGNITE			1	SX	HOURS RUN	INTAKE DENSITY (KG/M3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	820	@	65	@	775								
					TOTAL M DRILLED	297.00	GEL			5	SX				DEVIATION SURVEYS													
					TOTAL HRS RUN	40.50							CENTRIFUGE			DEPTH (M)			DEVIATION	DIRECTION								
					CUTTING STRUCTURE																							
					TI	To	MDC	LOC	BRG	GAGE	OOC	REASON PULLED	TOTAL RUN MHR	HOURS RUN	INTAKE DENSITY (KG/M3)	OVER FLOW DENSITY	UNDER FLOW DENSITY											
25 D.P.			STANDS	491.43										8.00	1060	1040	1820											
			D.P.	SINGLES	HOLE CONDITION																							
KELLY DOWN			11.05	HOLE DRAG				2 UP DOWN																				
TOTAL			775.02	TORQUE AT BOTTOM				0				HOURS RUN			INTAKE DENSITY (KG/M3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DRILLER SIGNATURE			HRS RUN		BOILER PH	STACK TEMP	MAXIMUM EXPERIENCED HOOK LOAD	SAFETY TOPIC	MACP	
WT. OF D.C.			18	FILL ON BOTTOM (M)				0.00										RAY WIESCHORSTER			8.00	10.0	340	38	TRIPPING	3697		
WT. OF STRING			39																									

DRILLING ASSEMBLY (AT END OF TOUR)				LENGTH	BIT RECORD				EVENING TOUR				MUD RECORD				METRES DRILLED				TIME LOG																
1	BIT			O.D.	0.25	BIT NO.	2			MUD TYPE				WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS										
1	MOTOR			165	7.90	SIZE	219.0			TIME				2130	2330			775.00	822.00	D	130	5	1600	1645	0.75	6	TRIPS OUT . FLOW CHECKS @ DC, OUT OF HOLE										
2	X.O.			165	1.08	IADC CODE				DENSITY (KG/M3)				1050	1050								1645	1700	0.25	7	RIG SERVICE FT/ BLIND RAMS 3 SEC C/O										
1	SHOCK SUB			166	3.68	MANUFACTURER	R.B.I.			FUNNEL VISCOSITY				47	57								1700	2030	3.50	6	TRIPS IN HOLE MAKE UP NEW B.H.A FLOW CHECK ON SURFACE										
3	D.C.			160	28.31	TYPE	MS 163			FLUID LOSS (cm3)				8.0	8.0								2030	2115	0.75		KELLYUP / BREAK CIRC. / WASH TO BOTTOM 2 SINGALS										
11	D.C.			160	83.57	SERIAL NO.	MC11671			pH				9.5	10.0								2115	2130	0.25	7	RIG SERVICE										
1	JAR			119	5.10	JETS	6			MUD MATERIALS ADDED				SOLIDS CONTROL				CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2		2130	2400	2.50	2	DRILL FR 775m 822m										
2	D.C.			160	37.62	JETS	11.1												PRODUCT		AMOUNT	UNIT	LINER SIZE	SPM	LINER SIZE	SPM	2400										
12	H.W.D.P.			114	112.11	DEPTH OUT				AQUAPAC	1	SX	DESILTER			6200	140.0	152.0	123																		
						DEPTH IN	775.00			LIGNITE	1	SX	HOURS RUN	INTAKE DENSITY (KG/M3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	REDUCED PUMP SPEED																				
						TOTAL M DRILLED	47.00			CAUSTIC	1	SX					780	@	880	@	54																
						TOTAL HRS RUN	2.50			BARZAN-D	1	SX	DEVIATION SURVEYS				DEPTH (M)		DEVIATION		DIRECTION																
						CUTTING STRUCTURE				GEL	10	SX	CENTRIFUGE																								
						TI	TO	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN MH/R	HOURS RUN	INTAKE DENSITY (KG/M3)	OVER FLOW DENSITY	UNDER FLOW DENSITY																			
27	D.P.			STANDS	520.27										8.00	1050	1035	1800																			
1	D.P.			SINGLES	9.74	HOLE CONDITION																															
KELLY DOWN				10.47	HOLE DRAG				0																												
TOTAL				822.01	TORQUE AT BOTTOM				5500																												
WT. OF D.C.		18			FILL ON BOTTOM (M)				0.25																												
WT. OF STRING		44																																			
										DRILLER SIGNATURE					HRS RUN		BOILER °H		STACK TEMP		MAXIMUM EXPERIENCED HOOK LOAD			SAFETY TOPIC			MACP										
										DARCY MORSE					8.00		10.0		340		45			STEAM			3697										

[illegible]

CDN 3422-2-011204

PASON DATAHUB
Tri-City 26

CDN 3422-2-011204



DRILLING CREW PAYROLL DATA					
WELL NAME & NO.		YEAR		MONTH	DAY
OPERATOR		CONTRACTOR			
RIG MANAGER			RIG NO.		
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS	

[illegible][illegible][illegible]

1982 DEVLAN VINTAGE TREE RIVER C-36

OPERATOR: DEVLAN EXPLORATION COMPANY LTD. LOCATION: 67:15:09.00 N 131:51:40.00 W SIGNATURE OF OPERATOR'S REPRESENTATIVE: FRED SVENKO

CONTRACTOR: TRI-CITY DRILLING (1968) LTD. UNIQUE ID: 300C366720131450 SIGNATURE OF CONTRACTOR'S RIG MANAGER: JAKE GLOWACH

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

YEAR: 2003 MONTH: 2 DAY: 7

RIG NO.: 126 FUEL @ 08:00 HRS BOILER: 144

TEMPERATURE: 20 CLOUDY WIND DIRECTION: CALM ROAD CONDITION: ROUGH

DC / DP SIZE: 185 MASS: 134.00 GRADE: DC MINIMUM ID: 57 T. INT. O.D.: 152 TYPE THREAD: 4.5XH NO. of JOINTS: 16 PUMP TYPE: MM700 PUMP MANUFACTURER: IDECO STROKE LENGTH: 408

114 82.50 HWDP 75 114 4.5XH 210 PZ8 GARDNER DENVER 206

114 24.70 E 89 114 4.5XH 12

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

TIME: MORN DAY EVE TOTAL

DRILLING ASSEMBLY (AT END OF TOUR) LENGTH BIT O.D. 475.00

BIT RECORD: BIT NO. SIZE IADC CODE MANUFACTURER TYPE SERIAL NO. JETS DEPTH OUT DEPTH IN TOTAL M DRILLED TOTAL HRS RUN CUTTING STRUCTURE TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN MHR HOLE CONDITION HOLE DRAG TORQUE AT BOTTOM FILL ON BOTTOM (M)

MORNING TOUR: MUD TYPE: TIME DENSITY (KG/M3) FUNNEL VISCOSITY FLUID LOSS (cm3) pH MUD MATERIALS ADDED: PRODUCT AMOUNT UNIT SOLIDS CONTROL: DESILTER: HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY CENTRIFUGE: HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY

METRES DRILLED: FROM TO D-R-C RPM WOB

TIME LOG: FROM TO ELAPSED TIME CODE DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

NOTES: HELD SAFETY MEETING PRIOR TO LAYING DOWN ANNULAR / DIVERTER DUMP AND CLEAN TANKS

DRILLER SIGNATURE: Darcy Morse

HR'S RUN: 8.00 BOILER pH: 10.0 STACK TEMP: 340 MAXIMUM EXPERIENCED HOOK LOAD: 11 SAFETY TOPIC: LAY DOWN ANNULAR MACP

DRILLING ASSEMBLY (AT END OF TOUR) LENGTH BIT O.D. 475.00

BIT RECORD: BIT NO. SIZE IADC CODE MANUFACTURER TYPE SERIAL NO. JETS DEPTH OUT DEPTH IN TOTAL M DRILLED TOTAL HRS RUN CUTTING STRUCTURE TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN MHR HOLE CONDITION HOLE DRAG TORQUE AT BOTTOM FILL ON BOTTOM (M)

DAY TOUR: MUD TYPE: TIME DENSITY (KG/M3) FUNNEL VISCOSITY FLUID LOSS (cm3) pH MUD MATERIALS ADDED: PRODUCT AMOUNT UNIT SOLIDS CONTROL: DESILTER: HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY CENTRIFUGE: HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY

METRES DRILLED: FROM TO D-R-C RPM WOB

TIME LOG: FROM TO ELAPSED TIME CODE DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

NOTES: FT CHOKE CONTROL IN DOG HOUSE 30 SEC C/O

DRILLER SIGNATURE: Ray Wieschorster

HR'S RUN: 8.00 BOILER pH: 10.0 STACK TEMP: 340 MAXIMUM EXPERIENCED HOOK LOAD: 11 SAFETY TOPIC: RIG IN B.O.P MACP

DRILLING ASSEMBLY (AT END OF TOUR) LENGTH BIT O.D. 475.00

BIT RECORD: BIT NO. SIZE IADC CODE MANUFACTURER TYPE SERIAL NO. JETS DEPTH OUT DEPTH IN TOTAL M DRILLED TOTAL HRS RUN CUTTING STRUCTURE TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN MHR HOLE CONDITION HOLE DRAG TORQUE AT BOTTOM FILL ON BOTTOM (M)

EVENING TOUR: MUD TYPE: TIME DENSITY (KG/M3) FUNNEL VISCOSITY FLUID LOSS (cm3) pH MUD MATERIALS ADDED: PRODUCT AMOUNT UNIT SOLIDS CONTROL: DESILTER: HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY CENTRIFUGE: HOURS RUN INTAKE DENSITY (KG/M3) OVER FLOW DENSITY UNDER FLOW DENSITY

METRES DRILLED: FROM TO D-R-C RPM WOB

TIME LOG: FROM TO ELAPSED TIME CODE DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

NOTES:

DRILLER SIGNATURE: Darcy Morse

HR'S RUN: 8.00 BOILER pH: 10.0 STACK TEMP: 330 MAXIMUM EXPERIENCED HOOK LOAD: PICKUP COLLARS SAFETY TOPIC: PICKUP COLLARS MACP



CDN 3422-2-011204

[illegible]

Form containing well logs and drilling data for DEVLAN VINTAGE TREE RIVER C-36. Includes sections for DAILY CHECKS, OPERATOR INFORMATION, LOG DATA, and various tables for drilling parameters and equipment details.

PASON DATAHUB
Tri-City 26



CDN 3422-2-011204



DRILLING CREW PAYROLL DATA

DRILLING CREW PAYROLL DATA

DRILLING CREW PAYROLL DATA					
WELL NAME & NO.			YEAR	MONTH	DAY
OPERATOR		CONTRACTOR			
RIG MANAGER			RIG NO.		
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS	

[illegible][illegible]

RATE SCHEDULE		REGULAR		REPAIR		INVERT
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DRILLING CREW PAYROLL DATA

DRILLING CREW PAYROLL DATA			
WELL NAME & NO.	YEAR	MONTH	DAY

OPERATOR		CONTRACTOR	
RIG MANAGER			RIG NO.
PROVINCE	CAMP	☐ YES ☐ NO	RIG SAFETY DAYS

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

RATE SCHEDULE		REGULAR	REPAIR	INVERT
		CREW SAFETY DAYS		

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

RATE SCHEDULE		REGULAR		REPAIR		INVERT

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

CREW	SOC INV. NO.	NAME	HR	HR	HR	HR

RATE SCHEDULE		REGULAR		REPAIR		INVERT

DATE SCHEDULE	REASON	DATE	DATE	DATE	DATE
	CREW SAFETY DAYS				

LICENCE NO.
1982

WELL NAME & NO.
DEVLAN VINTAGE TREE RIVER C-36

OPERATOR
DELAN EXPLORATION COMPANY LTD.

CE LOCATION
67:15:09.00 N 131:51:40.00 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE
FRED SVENKO

CONTRACTOR
TRI-CITY DRILLING (1968) LTD.

UNIQUE ID
300C366720131450

SIGNATURE OF CONTRACTOR'S RIG MANAGER
JAKE GLOWACH

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

YEAR 2003 MONTH 2 DAY 3

RIG NO. 26

FUEL @ 08:00 HRS
BOILER 111

TEMPERATURE -27

CURRENT CONDITIONS
CLOUDY
WIND DIRECTION N.W.
ROAD CONDITION ROUGH

LAST CASING TUBING OR LINER

O.D. (mm)

MIN I.D. (mm)

kg/m

MAKE

GRADE

NO. of JOINTS

TOTAL LENGTH

KB TO CSG HEAD

SET AT (m)

DC / DP SIZE

MASS

GRADE

MINIMUM I.D.

T. JNT. O.D.

TYPE THREAD

NO. of JOINTS

PUMP TYPE

PUMP MANUFACTURER

STROKE LENGTH

165

134.00

DC

57

152

4.5XH

MM 700

IDECO

46

114

62.50

HWDP

75

114

4.5XH

PZ8

GARDNER DENVER

25

114

24.70

E

89

114

4.5XH

CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER (S)			RENTALS / SERVICES			MORN	DAY	EVE
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING							NO. TYPE 1	TYPE 2							
MORN		7.00					0.25			0.25												0.50					8.00	SCREENS CHANGED	X	YES	NO					
DAY		4.25			0.25	2.75	0.25			0.50																8.00	84	TOP	110	TOP						
EVE			1.75			4.00	0.25																	0.75	1.25		8.00		MIDDLE		MIDDLE					
TOTAL		11.25	1.75		0.25	6.75	0.75			0.75												0.50	0.75	1.25		24.00	84	BOTTOM	90	BOTTOM						

NO. 1

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

BIT SUB

194

0.30

2A

311.0

TIME

200

400

600

217.00

319.00

D

200

7

0

315

3.25

2

DRILL FR 217M - 261M

2

9" DC

211

17.69

IADC CODE

DENSITY (KG/M3)

1180

1170

1170

315

330

0.25

7

RIG SERVICE

3

BELL SUB

175

0.70

MANUFACTURER

FUNNEL VISCOSITY

50

45

42

330

545

2.25

2

DRILL FR 261M-290M

4

D.C.

160

74.69

TYPE

X1CXP

pH

9.5

9.0

8.5

545

600

0.25

10

DEV. SURVEY @ 276M 1 DEGREE

5

JAR

159

5.10

SERIAL NO.

J28160

600

730

1.50

2

DRILL FR 290M

6

D.C.

160

37.18

JETS

15.8

15.8

15.8

15.8

730

800

0.50

22

ACCUM. WORK TIGHT HOLE

7

H.W.D.P.

155

112.11

DEPTH OUT

136.00

CAUSTIC

1

SX

DESILTER

1460

140.0

152.0

126

8

D.P.

STANDS

57.34

DEPTH IN

183.00

GEL

5

SX

REDUCED PUMP SPEED

9

D.P.

SINGLES

12.91

TOTAL M DRILLED

15.50

HOURS RUN

8.00

INTAKE DENSITY (KG/M3)

1170

OVER FLOW DENSITY

1150

UNDER FLOW DENSITY

1600

10

KELLY DOWN

319.22

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

11

WT. OF D.C.

18

HOLE CONDITION

12

OF STRING

23

FILL ON BOTTOM (M)

DRILLER SIGNATURE

DARCY MORSE

HRS RUN

8.00

BOILER pH

10.0

STACK TEMP

340

MAXIMUM EXPERIENCED HOOK LOAD

35

SAFETY TOPIC

PINCH POINTS

MACP

NO. 1

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

BIT SUB

194

1.20

2A

311.0

311.0

TIME

900

DENSITY (KG/M3)

1160

FUNNEL VISCOSITY

46

FLUID LOSS (cm3)

8.5

319.00

377.00

D

210

7

800

1215

4.25

2

DRILL 311 MM HOLE FR/ 319M-377.05 M

2

9" DC

211

17.69

IADC CODE

DENSITY (KG/M3)

1160

FUNNEL VISCOSITY

46

FLUID LOSS (cm3)

8.5

1215

1230

0.25

5

COND MUD & CIRC FOR TRIP

3

BELL SUB

175

0.70

MANUFACTURER

TYPE

X1CXP

X1CXP

pH

8.5

1230

1300

0.50

10

DEV. SURVEY @ 367M

4

D.C.

160

74.69

SERIAL NO.

J28160

J25774

1300

1315

0.25

7

RIG SERVICE FT H.C.R. 3 SEC C/O

5

JAR

159

5.10

JETS

15.8

15.8

15.8

15.8

1315

1600

2.75

6

TRIPS P.O.O.H FOR BIT FLOW CHECK 365M, 274, 179

6

D.C.

160

37.18

DEPTH OUT

136.00

CAUSTIC

1

SX

DESILTER

1610

140.0

152.0

127

7

H.W.D.P.

155

112.11

DEPTH IN

241.00

GEL

25

SX

REDUCED PUMP SPEED

8

D.P.

STANDS

115.97

TOTAL M DRILLED

19.75

HOURS RUN

8.00

INTAKE DENSITY (KG/M3)

1180

OVER FLOW DENSITY

1150

UNDER FLOW DENSITY

1160

9

KELLY DOWN

377.85

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

10

WT. OF D.C.

18

HOLE CONDITION

11

WT. OF STRING

26

FILL ON BOTTOM (M)

DRILLER SIGNATURE

RAY WIESCHORSTER

HRS RUN

8.00

BOILER pH

10.0

STACK TEMP

340

MAXIMUM EXPERIENCED HOOK LOAD

51

SAFETY TOPIC

PINCH POINTS

MACP

NO. 1

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

BIT SUB

194

1.20

3A

311.0

TIME

2200

2300

2400

377.00

DENSITY (KG/M3)

1170

1170

1170

FUNNEL VISCOSITY

40

40

40

1600

1845

2.75

6

TRIPS P.O.O.H FOR BIT

2

9" DC

211

17.69

IADC CODE

DENSITY (KG/M3)

1170

1170

1170

1845

2000

1.25

6

TRIPS MAKE UP NEW BIT TRIP IN

3

BELL SUB

175

0.70

MANUFACTURER

TYPE

X1CXP

X1CXP

pH

9.5

9.5

9.5

2000

2145

1.75

3

KELLYUP REAM FOR 137M-143M

4

D.C.

160

74.69

SERIAL NO.

J25774

2145

2230

0.75

23

CHANGE POP VALVE PLUNGER/ BODY

5

JAR

159

5.10

JETS

15.8

15.8

15.8

15.8

2230

2245

0.25

7

RIG SERVICE

6

D.C.

160

37.18

DEPTH OUT

377.00

CAUSTIC

1

SX

DESILTER

3700

140.0

152.0

127

7

H.W.D.P.

155

112.11

DEPTH IN

GEL

HOURS RUN

8.00

INTAKE DENSITY (KG/M3)

1190

OVER FLOW DENSITY

1170

UNDER FLOW DENSITY

1600

8

KELLY DOWN

377.85

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN MHR

9

WT. OF D.C.

18

HOLE CONDITION

10

WT. OF STRING

26

FILL ON BOTTOM (M)

DRILLER SIGNATURE

DARCY MORSE

HRS RUN

8.00

BOILER pH

10.0

STACK TEMP

340

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

PASON DATAHUB
Tri-City 26



CDN 3422-2-011204

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

MORNING TOUR

FROM 0

TO 800

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DAY TOUR

FROM 800

TO 1600

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

EVENING TOUR

FROM 1600

TO 2400

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

LICENCE NO. 1982		WELL NAME & NO. DEVLAN VINTAGE TREE RIVER C-36		YEAR 2003 MONTH 2 DAY 2		LAST CASING TUBING OR LINER		O.D. (mm)	MIN I.D. (mm)	kg/m	MAKE	GRADE	NO. OF JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	
OPERATOR DEVLAN EXPLORATION COMPANY LTD.		CONTRACTOR TRI-CITY DRILLING (1968) LTD.		(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		RIG NO. 26 FUEL @ 08:00 HRS RIG 118 BOILER 31											
WELL LOCATION 67:15:09.00 N 131:51:39.40 W		UNIQUE ID 300C366720131450		(1.) Rig Site Health & Safety Meeting (once/crow/month) (2.) CAODC Rig Safety Inspection Checklist (one/shift/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked		TEMPERATURE -30 CURRENT CONDITIONS CLEAR WIND DIRECTION CALM ROAD CONDITION ROUGH		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 FRED SVENKO		SIGNATURE OF CONTRACTOR'S RIG MANAGER JAKE GLOWACH				165 114 114		134.00	62.50	HWDP	57	152	4.5 XH		MM 700	IDECO	405
						114 114		24.70		E	89	114	4.5XH		PZ8	GARDNER DENVER	205

CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER (S)				RENTALS / SERVICES				MORN	DAY	EVE
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING		BLOW KELL	TWORK TIGHT				NO.	TYPE	TYPE								
MORN		2.00	1.25			1.75	0.25																0.50	2.25			8.00	SCREENS CHANGED		YES	NO							
DAY		1.75	1.00		0.50	4.00	0.25																0.50				8.00	110 TOP	110									
EVE		4.75					0.25																		3.00			8.00	MIDDLE									
TOTAL		8.50	2.25		0.50	5.75	0.75																1.00	5.25			24.00	90 BOTTOM	90									

NO.		DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH		BIT RECORD		MORNING TOUR		MUD RECORD				METRES DRILLED				TIME LOG																							
1		BIT		O.D.		BIT NO.		2A		MUD TYPE		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		194		1.20		SIZE		311.0		TIME		215		300		600		136.00		155.00		D		200		6		0		30		0.50		6		TRIPS			
1		9" DC		211		17.69		IADC CODE				DENSITY (KG/M3)		1210		1220		1240		136.00		155.00		D		200		6		0		30		100		0.50		23		BLOW KELLY / PULL 9" DC	
1		STAB		126		1.51		MANUFACTURER				FUNNEL VISCOSITY		57		58		60		136.00		155.00		D		200		6		100		130		0.50		6		CHANGE BIT			
1		BELL SUB		175		0.70		TYPE		X1CXP		FLUID LOSS (cm3)								136.00		155.00		D		200		6		130		215		0.75		6		RUN IN HOLE			
13		D.C.		152		121.30		SERIAL NO.		J28160		pH		8.0		9.0		10.5		136.00		155.00		D		200		6		215		330		1.25		3		REAM 3 DC TO BOTTOM			
								JETS		15.8		15.8								330		445		1.25		2		330		445		1.25		2		DRILL FR 136m- 146m					
								MUD MATERIALS ADDED				SOLIDS CONTROL								330		445		1.25		2		330		445		1.25		2		RIG SERVICE					
								DEPTH OUT		136.00		CIRCULATION PRESSURE kPa		1260		140.0		152.0		330		445		1.25		2		330		445		1.25		2		DRILL FR 146m- 155m					
								DEPTH IN		19.00		PUMP NO. 1		PUMP NO. 2						330		445		1.25		2		330		445		1.25		2		DRILL FR 146m- 155m					
								TOTAL M DRILLED		2.00		REDUCED PUMP SPEED								330		445		1.25		2		330		445		1.25		2		DRILL FR 146m- 155m					
								TOTAL HRS RUN		2.00		DESILTER								330		445		1.25		2		330		445		1.25		2		DRILL FR 146m- 155m					
								CUTTING STRUCTURE				CENTRIFUGE								330		445		1.25		2		330		445		1.25		2		DRILL FR 146m- 155m					
								TI		To		MDC		LOC		BRG		GAGE		330		445		1.25		2		330		445		1.25		2		DRILL FR 146m- 155m					
								REASON PULLED				HOURS RUN		INTAKE DENSITY (KG/M3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		330		445		1.25		2		330		445		1.25		2		DRILL FR 146m- 155m					
								TOTAL RUN M/Hr				HOURS RUN		INTAKE DENSITY (KG/M3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		330		445		1.25		2		330		445		1.25		2		DRILL FR 146m- 155m					
								HOLE CONDITION				HOURS RUN		INTAKE DENSITY (KG/M3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		330		445		1.25		2		330		445		1.25		2		DRILL FR 146m- 155m					
								HOLE DRAG</																																	

DRILLING ASSEMBLY (AT END OF TOUR)				LENGTH	BIT RECORD				DAY TOUR				MUD RECORD				METRES DRILLED				TIME LOG																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	

[illegible]

PASON DATAHUB

Tri-City 26

CDN 3422-2-011204



DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
OPERATOR		CONTRACTOR		
RIG MANAGER		RIG NO.		
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS

[illegible][illegible][illegible]

[illegible]

CDN 3422-2-011204

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

Form containing well logs and drilling data. Includes sections for: WELL NAME, OPERATOR, LOCATION, DAILY CHECKS, RIG INFORMATION, DRILLING ASSEMBLY, BIT RECORD, MUD RECORD, METRES DRILLED, TIME LOG, and various technical specifications.



CDN 3422-2-011204

[illegible]

LICENCE NO.
198

WELL NAME & NO.
DEVLAN VINTAGE TREE RIVER C-36

OPERATOR
DEVLAN EXPLORATION COMPANY LTD.

CONTRACTOR
TRI-CITY DRILLING (1968) LTD.

FACE LOCATION
67:15:09.00 N 131:51:39.40 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE
FRED SVENKO

UNIQUE ID
300C366720131450

SIGNATURE OF CONTRACTOR'S RIG MANAGER
JAKE GLOWACH

DAILY CHECKS
(1.) Daily Walk Around Inspection
(2.) Detailed Inspection - Weekly (Using Check List)
(3.) H2S Signs Posted If Required
(4.) Well Licence & Slick 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 2003 MONTH 1 DAY 30
RIG NO. 26
FUEL @ 08:00 HRS
BOILER 83
TEMPERATURE
-33
CURRENT CONDITIONS
CLEAR
WIND DIRECTION
S.E.
ROAD CONDITION
ROUGH

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

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

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 & TIE-DOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING							NO.	TYPE	TYPE						
MORN	8.00																										8.00	SCREENS CHANGED	☐	YES	☐	NO				
DAY	8.00																										8.00	110	TOP	110	TOP					
EVE	3.00	3.25			1.75																						8.00		MIDDLE		MIDDLE					
TOTAL	19.00	3.25			1.75																						24.00	90	BOTTOM	90	BOTTOM					

NO. DRILLING ASSEMBLY (AT END OF TOUR) LENGTH

BIT NO. O.D.

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

BIT NO. O.D.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

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

D.P. STANDS

D.P. SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

DRILLER SIGNATURE

DARCY MORSE

HRS RUN

BOILER

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

YEAR MONTH DAY

OPERATOR

CONTRACTOR

RIG MANAGER

RIG NO.

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

MORNING TOUR

FROM 0 TO 800

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

NO. DRILLING ASSEMBLY (AT END OF TOUR) LENGTH

BIT NO. O.D.

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

BIT NO. O.D.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

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

D.P. STANDS

D.P. SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

DRILLER SIGNATURE

RAY WIESCHORSTER

HRS RUN

BOILER

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

DAY TOUR

FROM 800 TO 1600

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

NO. DRILLING ASSEMBLY (AT END OF TOUR) LENGTH

BIT NO. O.D.

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

BIT NO. O.D.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT

DEPTH IN

TOTAL M DRILLED

TOTAL HRS RUN

CUTTING STRUCTURE

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

D.P. STANDS

D.P. SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

DRILLER SIGNATURE

DARCY MORSE

HRS RUN

BOILER

STACK TEMP

MAXIMUM EXPERIENCED HOOK LOAD

SAFETY TOPIC

MACP

EVENING TOUR

FROM 1600 TO 2400

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS