

N.E.B. COPY

FINAL WELL REPORT

Devlan Exploration Inc.

Devlan et al Tree River B-10

Grid # 67°20' 131°45'

DATE: April 15, 2003

COMPANY REPRESENTATIVE: Mark Algar
Vice President, Engineering & Operations

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A. INTRODUCTION

Devlan Exploration Inc. drilled a 1294 meter exploratory well spudded on January 28, 2001 and finishing on February 19, 2001 to evaluate oil potential in the Bear Rock Formation at a depth of 1038 m KB.

The drilling summary report for the Devlan et al Tree River B-10 well was provided to the NEB on May 20, 2001.

The well was drilled on Exploration License No. 386 in which Devlan has a 50 % working interest. Operating License No. 934 was issued to Devlan on April 1, 2000.

Completion operations on this well commenced on Friday, January 31, 2003 and were completed on Saturday February 22, 2003. The operations were conducted using the Gwich'in Ensign Oilfield Services (GEOS) (Rockwell) Coiled Tubing Unit #304 and supported by GEOS' (OPSCO) testing equipment and Tucker Wireline's logging equipment.

A new StreamFlo 14 mPa wellhead was installed on the well. The well had to be steamed down to 126 meters to clean out an ice plug and then warm water was circulated into the well.

The BOP's were installed and pressure tested to 1,400 kPa low and 14,000 kPa high. The Rockwell CTU accumulator precharge bottles were checked and the accumulator function tested prior to drilling out. The Bear Rock formation from 984 to 988 m KB was perforated and tested. Following the test, a bridge plug was set at 979 m KB and a cement plug 8 meters in length placed above it with a dump bailer. The well was temporarily suspended on Feb. 6, 2003 to allow acid to be shipped north.

The acid trucks arrived and the well reentered on Feb. 15, 2003. The Lone Mountain formation was perforated from 803 – 806 m KB, 807 - 812m KB and 816 – 820 m KB with 3 perforating runs. Acid was spotted over the perforations and squeezed away at pressures up to 12200 kPa. A minimal amount of acid was squeezed into the Lone Mountain.

The Gossage formation was perforated over the interval 673-676 m KB. A 3 m³ 15% HCl squeeze was attempted. Following this, a drillable bridge plug was set at 800 m KB and 8 linear meters of cement dump bailed on it. A drillable bridge plug was set at 670 m KB and 30 linear meters of cement dump bailed on it. A 10 meter cement plug was set at surface after removing the BOP's and wellhead. The casing was cut off 1.5 meters below surface; a plate with a rod and well location plate on it was welded to the casing stump to complete the abandonment of Tree River B-10.

B. GENERAL DATA

1. Well Name: Devlan et al Tree River B-10

Authority to Alter Condition of a Well: January 20, 2003

Authority to Drill a Well No:9211-D28-1-2

Exploration Agreement Number: EL 386

Location Unit: B

Section: 10

Grid Area: 67⁰ 20' 131⁰ 45'

Classification: New Field Wildcat

2. Well Location:

Coordinates: Latitude: 67⁰ 19' 14.320"
 Longitude: 131⁰ 45' 35.154"

3. Unique Well Identifier: 300/B10672013145/00

4. Operator: Devlan Exploration Inc.

5. Contractor: Gwich'in Ensign Oilfield Services

6. Drilling Unit: GEOS (Rockwell) CTU #304

7. Position Keeping: Not Applicable, Land Rig

8. Support Craft (Helicopter): N/A

9. Drilling Unit Performance: Good

10. Difficulties and Delays: None

11. Total Well Cost: \$1,274,500 for Testing operations only

12. Horizontal Deviated Well: N/A

C. SUMMARY OF DRILLING OPERATIONS

1. Elevations:
 - Ground: 104.0 (m above sea level)
 - KB: 108.1 (m above sea level)
 - KB To Casing Flange:..... 4.1m (KB to CF)
2. Total Depth:
 - FTD: 1294 m KB
 - PBTD: 1279mKB
 - TVD: 1294 m KB
3. Date and Hour Spudded: 28/01/2001, 15:00
Date and Hour Re-entered: 02/02/2003, 00:00
4. Date Drilling Completed: 18/02/2001
 - a. Date Testing completed: 22/02/2003
5. Date of Rig Release: 22/02/2003
6. Well status: Dry and Abandoned
7. Hole Sizes and Depths:
 - Conductor Hole: 508. mm to 12 m KB
 - Surface Hole: 311mm to 388 m KB
 - Main Hole: 200 mm to 1294 m KB
8. Casing and Cementing Record:
 - Conductor Hole:
 - Casing Size: 406.4 mm
 - Casing Weight: 96.7 kg/m
 - Casing Grade: H-40
 - Casing Make: Ipsco
 - Number of Joints: 1
 - Thread: ST&C
 - Depth Set: 12 m (KB)
 - Cut Height: 1 m below Surface
 - Cut off Depth: After abandonment
 - Date Set: 25/01/2001
 - Cement Volume: 12 Tonnes
 - Cement Type: Polar Set Cement

Additives: N/A

Surface Hole:

Casing Size: 219.1 mm
Casing Weight: 35.7 kg/m
Casing Grade: J-55
Casing Make: Stelco
Number of Joints: 28
Thread: ST&C
Depth Set: 388 m (KB)
Cut Height: 1 m below surface
Date Set: 03/02/2001
Cement Volume: 40 Tonnes
Float Shoe Depth: 388 m
Float Collar Depth: 374 m
Cut Off Depth: After abandonment
Cement Type: Polar Set Cement
Additives: 0.2% R-7C
Cement Top: Surface
Casing Bowl Size: 229 mm X 219.1 mm X 14 mPa
Casing Bowl Make: StreamFlo Crown H

Main Hole:

Casing Size: 139.7 mm
Casing Weight: 20.8 kg/m
Casing Grade: J-55
Casing Make: Stelco
Number of Joints: 93
Thread: ST&C
Depth Set: 1294 m (KB)
Cut Height: 1 m below surface
Date Set: 20/02/2001
Cement Volume: 9 t Fill / 23 t Tail
Float Shoe Depth: 1294 m
Float Collar Depth: 1281 m
Cut Off Depth: After abandonment
Cement Type: Fill Lite 100 / 0:1:0 'G' Cement
Additives: 1% CaCl₂ / 3% FL-63 + 0.5% CD-31
Cement Top: Surface

9. Sidetracked Hole: n/a

10. Drilling Fluid:

Conductor Hole: Previously provided
Surface Hole: Previously provided
Main: Previously provided

11. Fishing Operations: n/a
12. Well Kicks and Well Control Operations: n/a
13. Formation Leak Off Tests: n/a
14. Time Distribution: See Appendix for testing activity summary
15. Deviation Survey: n/a
16. Abandonment Plugs:

	Plug 1	Plug 2	Plug 3	Plug 4
Date	05/02/03	21/02/2003	21/02/2003	22/02/2003
Interval (KB)	984 – 988	807 – 812	673 - 676	Surface
Formation Name	Bear Rock	Lone Mountain	Gossage	
Formation Top (m KB)	913	795	661	
Linear meters	8	8	30	10
Bridge Plug depth	979	800	670	
Calculated plug depth	971-979	792-800	640-670	0-10
Method to set	Dump Bailer	Dump Bailer	Dump Bailer	Hand mix
Fluid between plugs	H ₂ O	H ₂ O	H ₂ O	H ₂ O

17. Composite Well Record: Previously submitted

18. Completion Record:

Start Date: 02/02/2003.
 Finish Date: 22/02/2003.
 Contractor: GEOS (Rockwell CTU).

Completion Summary:

Date: 05/02/2003
 Perf / OH Interval: 984 – 988 m KB
 Swab / Flow Results: Nil
 Stimulation / Comments: N/A

Date: 16/02/2003
 Perf / OH Interval: 803 – 806; 807 – 812 m KB
 Swab / Flow Results: Nil
 Stimulation / Comments: 6 m³ 15% HCl squeeze, no inflow

Date: 18/02/2003
Perf / OH Interval: 673 – 676 m KB
Swab / Flow Results: Nil
Stimulation / Comments: 3 m³ 15% HCl squeeze, no inflow

Final Well Configuration: See Drawing in Appendix

D: GEOLOGY

Geological Summary

Previously Provided

DRILL STEM TESTS

N/A

WELL EVALUATION

The following logs were run: previously submitted

ANALYSES

GAS, OIL, & WATER ANALYSES: See Appendix.

FORMATION STIMULATION: See Appendix

FORMATION AND TEST RESULTS: See Appendix

DETAILED TEST PRESSURE DATA READINGS: See Appendix

E. ENVIRONMENTAL WELL ANALYSIS

Not Applicable

F. APPENDICES TO WELL HISTORY

N.W.T. SPILL REPORT (Oil, Gas, Hazardous Chemicals or other Materials)

National Energy Board
 (403) 292-6614 Home (403) 275-6256
 (403) 292-5876 or 292-5875

24-Hour Report Line
 Phone (867) 920-8130
 Fax (867) 873-6924

A Report date and time FEB 18/2003 1600HRS		B Date and time of spill (if known) FEB 18/2003 1600HRS		C Original Report Update Report		Spill number 1	
D Location and map coordinates (if known) and direction (if moving) 67° 19' 14.320" N ; 131° 45' 35.154" W							
E Party responsible for spill Rockwell Coil Hvy SERVICES							
F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible) 3% KCl WATER w/ DILUTED SPENT 15% HCl ACID + 0.3m ³							
G Cause of spill STEAM LINE INSIDE TANK RUPTURED - CAUSING WATER TO BOIL OVER BOILER OF TANK							
H Is Spill terminated? yes YES no		I If spill is continuing, give estimated rate NO		J Is further spillage possible? yes NO no		K Extent of contaminated area (m2) 3-5 m ³	
L Factors affecting spill recovery (weathering conditions, terrain, snow cover, etc.) ICE & SNOW				M Containment (natural depression, dykes, etc.) NO			
N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials SPREAD CALCIUM CARBONATE TO NEUTRALIZE ACID. CLEAN UP SNOW & ICE							
O Do you require assistance? yes, describe NO				P Possible hazards to persons, property, or environment NONE.			
Comments and/or recommendations BY PASSED OLD STEAM CONNECTIONS IN TANK & RUN HOSE DIRECT TO TANK TO ALLEVIATE PROBLEM STEAM CONNECTIONS.						FOR SPILL LINE USE ONLY	
						Lead Agency	
						Spill significance	
						Lead Agency contact and time	
						Is this file now closed?	
Reported by RICHARD SLATER		Position, Employer, Location SUPERVISOR - DEVIAN EXP. CO. WELL SITE.				Telephone 1(403) 204-1209	
Reported to		Position, Employer, Location				Telephone	

Canadian Petroleum Engineering Inc.

Daily Completions Report

Well: Devlan et al Tree River B-10 Date: 23/2/2003 Page: 1
 Objective: Complete & Test well Day No: 20
 Formation: Lone Mountain Open Perfs: 816 - 820m; 807 - 812m; 673 - 676m AFE #
 PBTD: 1233 m Squeeze Perfs: 984 - 988 w/ DBP + 8 m cement Amount
 Csg Dia 139 mm Liner Dia Liner top Sup Amount
 Tubing Dia: 38.1 mm Landed at Packer Size m KB Total
 Operation - 08:00 Load Out & Move Rig from B-10 to D-39.

BOP Pressure Test Satisfactory- YES BOP Function Test- YES

22/2/2003 OPERATIONS SUMMARY

Time ACTIVITY
 0:00 Continue to nipple down wire line.
 1:00 Nipple down BOP & well head.
 5:00 Mix & place cement plug @surface for 10 meters.
 7:00 Rig released. Move to next well.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type: 3% KCL Used today Cum. Used
 Rec. today Cum. Rec. Left to recover

Service Rig Hours: Daily - Cum. - Downtime: Cum. Downtime
 Personnel on Location: 18 Equip. On Location: 1.5: GEOS CTU, Opsco Test Equip.
 Weather: Clear & Cold -25°C Roads: Rough Winter Cond. Reported by: Richard Slater
 Wireline, BJ Pumper, Acid Trucks, Safety Shower

Canadian Petroleum Engineering Inc.

Daily Completions Report

Well: Devlan et al Tree River B-10 Date: 22/2/2003 Page: 1
 Objective: Complete & Test well Day No: 19
 Formation: Lone Mountain Open Perfs: 816 - 820m; 807 - 812m; 673 - 676m AFE #
 PBTD: 1233 m Squeeze Perfs: 984 - 988 w/ DBP + 8 m cement Amount
 Csg Dia 139 mm Liner Dia Liner top Sup Amount
 Tubing Dia: 38.1 mm Landed at Packer Size m KB Total
 Operation - 08:00 Tear Out Camp & Move to D-39

BOP Pressure Test Satisfactory- YES BOP Function Test- YES

21/2/2003 OPERATIONS SUMMARY

Time ACTIVITY

0:00 Continue to monitor bleed down pressures.
 4:00 Open well to flow. Well dead. RIH w/ coil tbg & blow well down. Recovered 8 m3 load fluid.
 6:00 Monitor well flow. No indications of any flow into well.
 12:00 Shut in well & monitor any build up. Pressures @ 1 & 2 kPa.
 15:00 Rig to & attempt to pump acid water from tank into Gossage formation. No success.
 16:00 Rig in Tucker wire line to & RIH w/ 139 mm drillable bridge plug & set @ 800 mKB,
 18:30 3 m above Lone Mountain formation. Dump bail 8 meters of cement on top of plug.
 Cement top @ 792 m.
 19:30 RIH w/ 139 mm drillable bridge plug & set @ 670 mKB. 3 m above Gossage formation.
 Pressure test plug to 7000 kPa for 10 min - OK.
 20:30 Dump bail 30 m of cement on top of plug. Cement top @ 600 mKB.
 23:59 Rig down Tucker wire line.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type: 3% KCL Used today Cum. Used
 Rec. today Cum. Rec. Left to recover

Service Rig Hours: Daily - Cum. - Downtime: Cum. Downtime
 Personnel on Location: 18 Equip. On Location: 1.5: GEOS CTU, Opsco Test Equip.
 Weather: Clear & Cold -40°C Roads: Rough Winter Cond. Reported by: Richard Slater
 Wireline, BJ Pumper, Acid Trucks, Safety Shower

Canadian Petroleum Engineering Inc.

Daily Completions Report

Well: Devlan et al Tree River B-10 Date: 21/2/2003 Page: 1
 Objective: Complete & Test well Day No: 18
 Formation: Lone Mountain Open Perfs: 816 - 820m; 807 - 812m; 673 - 676m AFE #
 PBSD: 1233 m Squeeze Perfs: 984 - 988 w/ DBP + 8 m cement Amount
 Csg Dia 139 mm Liner Dia Liner top Sup Amount
 Tubing Dia: 38.1 mm Landed at Packer Size m KB Total
 Operation - 08:00 Well open to flow after Blow Down.

BOP Pressure Test Satisfactory- YES BOP Function Test- YES

20/2/2003 OPERATIONS SUMMARY

Time ACTIVITY

0:00 Continue to heat & thaw ice plug in coil tbg.
 16:00 Tbg thawed & clear.
 17:15 Hold safety pre job safety meeting. Fill well w/ water & break circulation w/ 8 m3.
 18:15 Start 3 m3 15% HCL acid down hole.
 18:30 Acid away. Start flush. 1.4 m3 of water. Switch surface lines & POH w/ coil tbg. Blow coil tbg.
 19:10 Start squeeze. Pump 3 m3 of water & squeeze 3 m3 acid back into formation in 4 stages. Pump rate @ 0.11 m3/min, PSI @ average 12500 kPa. Final PSI @ 13700 kPa. Stop Pump.
 15min SIP @ 13500 kPa
 21:15 Bleed well off. Repair leak to wellhead flange. Pressure up well to SIP pressure. Well started to feed. Pump 1.5 m3 water away @ 0.2 m3/min @ average 12500 - 13000 kPa. Slowly building to 13900 kPa by end of pumping.
 21:45 Shut in well. Monitor 6 hr bleed down pressure.
 23:59 Continue to monitor bleed down pressures.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type:	3% KCL	Used today	Cum. Used	Left to recover
		Rec. today	Cum. Rec.	

Service Rig Hours:	Daily -	Cum. -	Downtime:	Cum. Downtime
Personnel on Location:	21	Equip. On Location:	1.5: GEOS CTU, Opsco Test Equip. 2 Winch trucks	
			Wireline, BJ Pumper, Acid Trucks, Safety Shower	
Weather: Clear & Cold -40°C		Roads: Rough Winter Cond.	Reported by:	Richard Slater

Canadian Petroleum Engineering Inc.

Daily Completions Report

Well: Devlan et al Tree River B-10 Date: 20/2/2003 Page: 1
 Objective: Complete & Test well Day No: 17
 Formation: Lone Mountain Open Perfs: 816 - 820m; 807 - 812m; 673 - 676m AFE #
 PBTD: 1233 m Squeeze Perfs: 984 - 988 w/ DBP + 8 m cement Amount
 Csg Dia 139 mm Liner Dia Liner top Sup Amount
 Tubing Dia: 38.1 mm Landed at Packer Size m KB Total
 Operation - 08:00 Thaw Coil Tbg.

BOP Pressure Test

Satisfactory- YES

BOP Function Test- YES

19/2/2003

OPERATIONS SUMMARY

Time

ACTIVITY

0:00 Continue to squeeze & feed acid into perfs 673 - 676 m @ idle rate. Stop & start pump as pressure dictates. Max PSI @ 12500 kPa. Bleed down to 11100 to 11900 kPa.
 3:00 Stop squeeze. Total squeezed away is 3.85 m3.
 W/ 12500 kPa on well, monitor pressure drop. Drain & blow lines.
 6:00 PSI @ 11110 kPa & slowly bleeding off.
 8:00 Bleed down well & blow load fluid back through test equip.
 Monitor any flow from well. Recovered 11.3 m3 water from blow down. 9 m3 csg volume & 2.3 from formation.
 10:30 Well dry. Shut in & monitor build up.
 16:00 Build up PSI @ 66 kPa. Open well to flow. Blow well down again to see if any fluid comes back.
 17:00 No fluid recovered. Shut in well & monitor PSI build up.

Repairs to BJ pumping unit in progress & need to be completed before acid can be pumped.

22:00 Rig to do acid squeeze. Hold safety meeting. Start to fill well w/ water, found an ice plug in coil tbg.
 Attempt to free up tbg. No success.

23:59:00 Wrap coil in bubble wrap & tarps & heat to thaw ice plug.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type:	3% KCL	Used today	Cum. Used	
		Rec. today	Cum. Rec.	Left to recover

Service Rig Hours:	Daily -	Cum. -	Downtime:	Cum. Downtime
Personnel on Location:	15		Equip. On Location:	1.5: GEOS CTU, Opsco Test Equip. 2 Winch trucks
				Wireline, BJ Pumper, Acid Trucks, Safety Shower
Weather: Clear & Cold -40°C		Roads: Rough Winter Cond.	Reported by:	Richard Slater

Canadian Petroleum Engineering Inc.

Daily Completions Report

Well: Devlan et al Tree River B-10 Date: 19/2/2003 Page: 1
 Objective: Complete & Test well Day No: 16
 Formation: Lone Mountain Open Perfs: 816 - 820m; 807 - 812m; 673 - 676m AFE #
 PBTD: 1233 m Squeeze Perfs: 984 - 988 w/ DBP + 8 m cement Amount
 Csg Dia 139 mm Liner Dia Liner top Sup Amount
 Tubing Dia: 38.1 mm Landed at Packer Size m KB Total
 Operation - 08:00 Monitor pressures after perforating Gossage form. & acid squeeze.

BOP Pressure Test Satisfactory- YES BOP Function Test- YES

18/2/2003 OPERATIONS SUMMARY

Time

ACTIVITY

0:00 Continue to monitor pressure bleed off.
 6:30 PSI @ 9697 kPa. Increase to 12200 kPa. No feeding. Bleed off to rig tank.
 Rig down coil tbq & rig in wire line.
 8:30 Pick up 3 m, 101.6 mm HSC csg gun, w/ 32 gr charges, 90* phasing, 13 SPM, total 40 shots.
 RIH & correlate to CBL log.
 9:15 Perforate Lone Mountain 803 - 806 mKB. All shots fired. No surface indication of well bore inflow.
 9:30 PSI @ 51 kPa. Rig in BJ & attempt to squeeze acid into perforations. PSI builds to 12200 kPa immediately & 1/2 hr bleed off to 11300 kPa @ idle speed. No feed rate.
 11:30 Shut in well. Steam line in rig tank ruptured & boiled water w/ some spent over the edge of rig tank.
 Pump out rig tank to 400 BBI tank. Isolate steam line. Report 0.3 m3 fluid spill - water combined w/ some spent acid on to the ground. Spread some calcium carbonate on spent acid to further neutralize acid on ground.
 16:00 Rig to & bleed well down to rig tank.
 18:00 Rig in Tucker wire line to & perforate Gossage formation from 673 - 676 mKB w/ 101.6 mm HSC csg gun w/ 32 gr charges, 90* phasing, 13 SPM - total 40 shots.
 18:45:00 Guns fired. Monitor PSI, built to 1200 kPa in 3-1/2 hrs.
 22:00 Rig in BJ pumper to & squeeze well bore acid into new perfs. Fill hole took 0.4 m3 to catch fluid level. Psi climbed to 12350 kPa started to feed formation @ idle pump rate.
 23:59 PSI fluctuating from 12500 kPa to 11600 kPa @ same rate. Squeeze away 2 m3.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type:	3% KCL	Used today	Cum. Used	
		Rec. today	Cum. Rec.	Left to recover

Service Rig Hours:	Daily -	Cum. -	Downtime:	Cum. Downtime
Personnel on Location:	18 Equip. On Location:	1.5: GEOS CTU, Opsco Test Equip. 2 Winch trucks	Wireline, BJ Pumper, Acid Trucks, Safety Shower	
Weather: Clear & Cold -30°C	Roads: Rough Winter Cond.	Reported by:	Richard Slater	

Canadian Petroleum Engineering Inc.

Daily Completions Report

Well: Devlan et al Tree River B-10 Date: 18/2/2003 Page: 1
 Objective: Complete & Test well Day No: 15
 Formation: Lone Mountain Open Perfs: 816 - 820m; 807 - 812m AFE #
 PBTD: 1233 m Squeeze Perfs: 984 - 988 w/ DBP + 8 m cement Amount
 Csg Dia 139 mm Liner Dia Liner top Sup Amount
 Tubing Dia: 38.1 mm Landed at Packer Size m KB Total
 Operation - 08:00 Monitor pressures after Acidizing 2nd Lone Mountain interval.

BOP Pressure Test Satisfactory- YES BOP Function Test- YES

17/2/2003 OPERATIONS SUMMARY

Time ACTIVITY

0:00 Continue to rig in Tucker wire line to perforate.
 0:30 Pick up 5 m HSC perf gun, w/ 32 gr charges @ 90 * phasing, w/ 13 SPM, & RIH. Correlate to CBL Correlation log.
 1:15 Shot Lone Mountain formation interval 807 to 812 mKB.
 No surface indication of inflow. POH w/ gun, total 66 shots, all shots fired. Fired w/ 15% HCL acid spotted across zone.
 2:00 Monitor well pressures for any in flow indication.
 7:00 Rig in BJ pumper & acid tanker. Rig down wire line & rig in coil tbg & RIH to 830 mKB. Blow well down @ 300 meters to allow for tbg displacement.
 12:00 Hold pre job safety meeting. Fill hole & break circulation back to rig tank. Repair frozen valve. Pump 5 m3 to fill.
 14:15 Start acid down tbg and wash across perforations.
 15:00 9 m3 acid away. Start flush, 1.4 m3 3% KCl water.
 15:10 Acid spotted on bottom from 830 to 130 mKB. Total 700 m of acid in csg. POH coil tbg. Change surface lines, prepare to do squeeze.
 15:30:00 Start squeeze. Pump 0.45 m3 to catch fluid level. Pressure built to 12150 kPa, started to feed @ about 25 l/min @ 11990 to 11700 kPa. w/ 0.3 m3 away PSI bumped to 12200 kPa. Stop pump.
 16:00 Let acid soak formation & watch PSI bleed off. In 1/2 hr stages attempt to squeeze acid away. Pressure drops to 11000 to 11250 kPa after bump up to 12200 kPa.
 22:00 Pressure @ 11230 kPa, bump up to 12200 kPa. Drain all surface lines. Let acid soak for 4 hrs in next stage. Monitor well head pressure bleed off w/ testers dead wt. gauge.
 23:59 Continue to monitor well head pressure.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type:	3% KCL	Used today	Cum. Used	
		Rec. today	Cum. Rec.	Left to recover

Service Rig Hours:	Daily -	Cum. -	Downtime:	Cum. Downtime
Personnel on Location:	18 Equip. On Location:	1.5: GEOS CTU, Opsco Test Equip. 2 Winch trucks	Wireline, BJ Pumper, Acid Trucks, Safety Shower	
Weather: Clear & Cold -45°C	Roads: Rough Winter Cond.	Reported by:	Richard Slater	

Canadian Petroleum Engineering Inc.

Daily Completions Report

Well: Devlan et al Tree River B-10 Date: 17/2/2003 Page: 1
 Objective: Complete & Test well Day No: 14
 Formation: Lone Mountain Open Perfs: 816 - 820m; 807 - 812m AFE #
 PBTD: 1233 m Squeeze Perfs: 984 - 988 w/ DBP + 8 m cement Amount
 Csg Dia 139 mm Liner Dia Liner top Sup Amount
 Tubing Dia: 38.1 mm Landed at Packer Size m KB Total
 Operation - 08:00 Monitor pressures after perforating 2nd Lone Mountain interval.

BOP Pressure Test

Satisfactory- YES

BOP Function Test-

YES

16/2/2003

OPERATIONS SUMMARY

Time

ACTIVITY

0:00 Continue to nipple up BOP. Function test BOP - OK. Very cold hydraulics very stiff, hard to work.
 Circulate rig tank & mix 20 m3 3% KCl. Rig in work floor & tarp in BOP and heat.
 5:00 Rig to & RIH w/ coli tbg to 830 mKB.
 7:00 Rig in BJ pumper & acid tanker for 15% HCl acid job.
 8:30 Hold safety meeting. W/ BJ, fill hole & tbg w/ water. Pressure test lines to 18000 kPa.
 Break circulation w/ 10.8 m3 of 3% KCl water.
 10:30 Start acid. Pump 4 m3 of 15% HCl. Wash across perfs & spot on bottom from 830 to
 518 mKB. Let soak 30 - 40 min & change surface line for squeeze.
 11:30 Start squeeze. Catch fluid w/ 0.7 m3 (tbg steel displacement), pressure climbed to
 11:38 12000 kPa. Stop pump & let soak Monitor pressure.

TIME	Pressure	Increase PSI to
11:50	10220	12000
12:00	9930	12000
12:30	10300	12000
12:50	10790	12000
13:10	11120	12000
13:30	11150	12000
14:00	11110	12000

15:00 Shut in well w/ 12220 kPa. Rig down BJ. Monitor well pressure drop. Down to 7938 @ 20:00 hrs.
 21:00 Bleed off wel to testers. Rig down coil tbg & rig to re-perforate formation
 23:59 Continue to rig in to perforate.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type:	3% KCL	Used today	Cum. Used	
		Rec. today	Cum. Rec.	Left to recover

Service Rig Hours:	Daily -	Cum. -	Downtime:	Cum. Downtime
Personnel on Location:	18 Equip. On Location:	1.5: GEOS CTU, Opsco Test Equip. 2 Winch trucks	Wireline, BJ Pumper, Rig Move Trucks	

Weather: Clear & Cold -45°C	Roads: Rough Winter Cond.	Reported by: Richard Slater
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Canadian Petroleum Engineering Inc.

Daily Completions Report

Well: Devlan et al Tree River B-10 Date: 16/2/2003 Page: 1
 Objective: Complete & Test well Day No: 13
 Formation: Lone Mountain Open Perfs: 984 - 988 m AFE #
 PBTD: 1233 m Squeeze Perfs: 984 - 988 w/ DBP + 8 m cement Amount
 Csg Dia 139 mm Liner Dia Liner top Sup Amount
 Tubing Dia: 38.1 mm Landed at Packer Size m KB Total
 08:00 Operation: Do 15% HCL Acid Job on Lone Mountain Perfs.

BOP Pressure Test Satisfactory- YES BOP Function Test- YES

15/2/2003 OPERATIONS SUMMARY
 Time ACTIVITY

7:00 Continue to spot equip. Rig up lines. Hydraulics very stiff on picker. Tarp over & heat w/ Herman Nelson heater. Equipment cold & hard to work with.
 Rig in Opsco test equip to well head & to 400 bbl tank. Rig in pump & tank
 21:00 Picker operational. Open well - well dead. Nipple down well head & nipple up BOP.
 23:59 Continue to nipple up BOP.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type:	3% KCL	Used today	Cum. Used	
		Rec. today	Cum. Rec.	Left to recover

Service Rig Hours:	Daily -	Cum. -	Downtime:	Cum. Downtime
Personnel on Location:	21	Equip. On Location:	1.5: GEOS CTU, Opsco Test Equip. 2 Winch trucks Wireline, BJ Pumper, Rig Move Trucks	
Weather: Clear & Cold -45°C	Roads:	Rough Winter Cond.	Reported by:	Richard Slater

Canadian Petroleum Engineering Inc.
Daily Completions Report

Well:	Devlan et al Tree River B-10	Date:	15/2/2003	Page:	1
Objective:	Complete & Test well			Day No:	12
Formation:	Lone Mountain	Open Perfs:	984 - 988 m	AFE #	
PBTD:	1233 m	Squeeze Perfs:	984 - 988 w/ DBP + 8 m cement	Amount	
Csg Dia	139 mm	Liner Dia	Liner top	Sup Amount	
Tubing Dia:	38.1 mm	Landed at	Packer Size	Total	
Present Operation:	Continue to Spot & Rig up Equip. Very Cold - 45°C				

BOP Pressure Test
Satisfactory-
BOP Function Test-
14/2/2003
OPERATIONS SUMMARY
Time
ACTIVITY

7:00 Continue to load out & move equipment from Thunder River N-73 to Tree River B-10.
 Re-fire boilers when spotted. Spot rest of equipment as arriving. Taking three trips each truck.

17:00 Stack N-73 mats in 2 piles ready for moving to C-36 for stand by.

19:00 Haul fuel sloop & walk loader out to the hill & stand by wait for trucks to haul their last loads.

21:00 All loads off N-73 & on B-10.

22:00 Load out Tucker Wireline unit on trailer & haul to Tree River C-36 & spot @ drill rig for gyro service

23:59 Wait for morning to spot final loads & finish rig up.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type:	3% KCL	Used today	Cum. Used	
		Rec. today	Cum. Rec.	Left to recover

Service Rig Hours:	Daily -	Cum. -	Downtime:	Cum. Downtime
Personnel on Location:	21	Equip. On Location:	1.5: GEOS CTU, Opsco Test Equip. 2 Winch trucks Wireline, BJ Pumper, Rig Move Trucks	
Weather: Clear & Cold -35°C		Roads: Rough Winter Cond.	Reported by:	Richard Slater

Canadian Petroleum Engineering Inc.

Daily Completions Report

Well:	Devlan et al Tree River B-10	Date:	14/2/2003	Page:	1
Objective:	Complete & Test well	Day No:	11		
Formation:	Lone Mountain	Open Perfs:	984 - 988 m	AFE #	
PBTD:	1233 m	Squeeze Perfs:	984 - 988 w/ DBP + 8 m cement	Amount	
Csg Dia	139 mm	Liner Dia	Liner top	Sup Amount	
Tubing Dia:	38.1 mm	Landed at	Packer Size	Total	
Present Operation:	Move from Thunder River N-73 back to Tree River B-10				

BOP Pressure Test

Satisfactory-

BOP Function Test-

02/13/2003

OPERATIONS SUMMARY

Time

ACTIVITY

9:00 Start loading out equip & move to B-10. Move BJ pumping & support equip.
 Load out & move Opsco test equip. Move Tucker wire line unit to B-10.
 18:00 Wait for bed truck to continue move.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type:	3% KCL	Used today	Cum. Used	
		Rec. today	Cum. Rec.	Left to recover

Service Rig Hours:	Daily -	Cum. -	Downtime:	Cum. Downtime
Personnel on Location:	24	Equip. On Location:	1.5: GEOS CTU, Opsco Test Equip. 2 Winch trucks	Tucker Wire Line.

Weather: Overcast Lite Snow -30	Roads:	Rough Winter Cond.	Reported by:	Richard Slater
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Canadian Petroleum Engineering Inc.

Daily Completions Report

Well: Devlan et al Tree River B-10 Date: 02/06/2003 Page: 1
 Objective: Complete & Test well Day No: 9
 Formation: Bear Rock Open Perfs: 984 - 988 m AFE #
 PBTD: 1233 m Squeeze Perfs: Amount
 Csg Dia 139 mm Liner Dia Liner top Suppl Amount
 Tubing Dia: 38.1 mm Landed at Packer Size m KB Total
 Present Operation: Well On Initial Build Up after Perforating

BOP Pressure Test 1400 lo / 14000 hi Satisfactory- YES BOP Function Test- YES

02/05/2003 OPERATIONS SUMMARY

Time

ACTIVITY

0:00 Continue to RIH w/ bit & scraper. Tag PBTD @ 1225 mKB pipe tally. Blow well down w/ air to tank.
 1:00 POH w/ coil tbg, bit & scraper. Rig down CTU injector. Mix 8 m3 - 3% KCL water. Pump 5 M3 down well. Calculated fluid level @ 843 mKB.
 4:00 Rig in Tucker Wire Line & pick up 4 m, 101.6 mm csg gun. Correlate to CBL correlation log.
 5:15 Perforate Bear Rock formation, 984 to 988 mKB, w/ 101.6 mm HSC csg gun, w/ 32 gram charges, 13 SPM, total 53 shots. POH w/ guns. All shots fired. Actual fluid level- 870 m. Rig down wire line .
 5:30 No surface indication of any inflow. Monitor shut in well head pressures w/ Opsco dead wt. guage.
 9:00 Shut in pressure @ 7 kPa, open well to test. Pressure dropped to 0 kPa in 4 hrs & stayed steady.
 15:00 Shut in well & monitor build up. Recorded no pressure build up.
 21:00 Rig in Tucker Wire Line & RIH w/ 124 mm guage ring. Tag fluid level @ 870 mKB. No change from fluid level before perforating.
 21:30 Pick up & RIH w/ 139 mm drillable bridge plug & set @ 979 mKB center rubber. 5 m above perfs. POH & lay down setting tools.
 22:00 Rig in Rockwell CTU unit & pressure test bridge plug to 7000 kPa, 10 min - OK.
 23:30 Rig in Tucker Wire Line & pick 89 mm dump bailer, mix cement & RIH w/ bailer run #1
 24:00:00 Continue RIH & dump cement on bridge plug

Prod Fluid Sum::	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type:	3% KCL	Used today	Cum. Used	Left to recover
		Rec. today	Cum. Rec.	

Service Rig Hours:	Daily -	Cum. -	Downtime:	Cum. Downtime
Personnel on Location:	16	Equip. On Location:	1.5: GEOS CTU, Opsco Test Equip.	
			Tucker Wire Line	

Weather: Lite Cloud -15°C Roads: Rough Winter Cond. Reported by: Richard Slater

Canadian Petroleum Engineering Inc.
Daily Completions Report

Well: Devlan et al Tree River B-10 Date: 02/05/2003 Page: 1
 Objective: Complete & Test well Day No: 8
 Formation: Bear Rock Open Perfs: AFE #
 PBTB: 1233 Squeeze Perfs: Amount
 Csg Dia 139 mm Liner Dia Liner top Suppl Amount
 Tubing Dia: Landed at Packer Size m KB Total
 Present Operation: Monitoring Well Pressure Build Up after Perforations.

BOP Pressure Test 1400 /14000 kPa lo / h Satisfactory- YES BOP Function Test- YES

02/04/2003 OPERATIONS SUMMARY

Time	ACTIVITY
0:00	Continue to wait on well head x-over flange & x-over sub to cgs scraper.
1600	Parts arrived. Install x-over.
1700	N/U BOP.
2200	PSI test blind rams to 1400 kPa low & 14000 kPa high, 10 min each - OK.
2230	Make up 139 mm csg scraper w/ 121 mm bit on 38.1 mm coil tbg & RIH to 300 m
2300	PSI test pipe rams to 1400 kPa low & 14000 kPa high, 10 min each - OK.
2330	Continue to RIH w/ bit & scraper. Tag PBTB @ 1225 mKB tbg tally. Work csg scraper over perforation intervals 6 - 8 times each interval.
2400	Continue RIH w/ bit & scraper.

Prod Fluid Sum.:	Daily:	Cumulative:	Packer set at	m KB
Gas:	e3m3/d	e3m3/d	Casing Annulus Volume	m3
Oil or Condensate:	m3/d	m3/d	Tubing Volume	m3
Water:	m3/d	m3/d	Bottom to Perf Volume	m3
Time Swabbed / Flowed:	hrs.	hrs.	Total	m3

Load Fluid Type:	Used today	Cum. Used	Left to recover
	Rec. today	Cum. Rec.	

Service Rig Hours:	Daily -	Cum. -	Downtime:	Cum. Downtime
Personnel on Location - 17	Equipment On Location		1.5" GEOS CTU, Opsco Test Equip	
			Tucker Wire Line	

Weather: Clear, Warmer -15 Roads: Rough Winter Cond. Reported by: Richard Slater

Canadian Petroleum Engineering Inc.
Daily Completions Report

Well Name Devlan et al Tree River B-10 Date 02/04/2003
 Objective Complete & test well
 Formation Bear Rock Open Perfs
 PBTD 1279 m KB Squeeze Perfs
 Csg Dia 139.7 mm Liner Dia Liner top
 Tubing Dia 38.1 mm Landed at Packer Size m KB
 Present Operation Wait on X-over Flange & X-over Sub

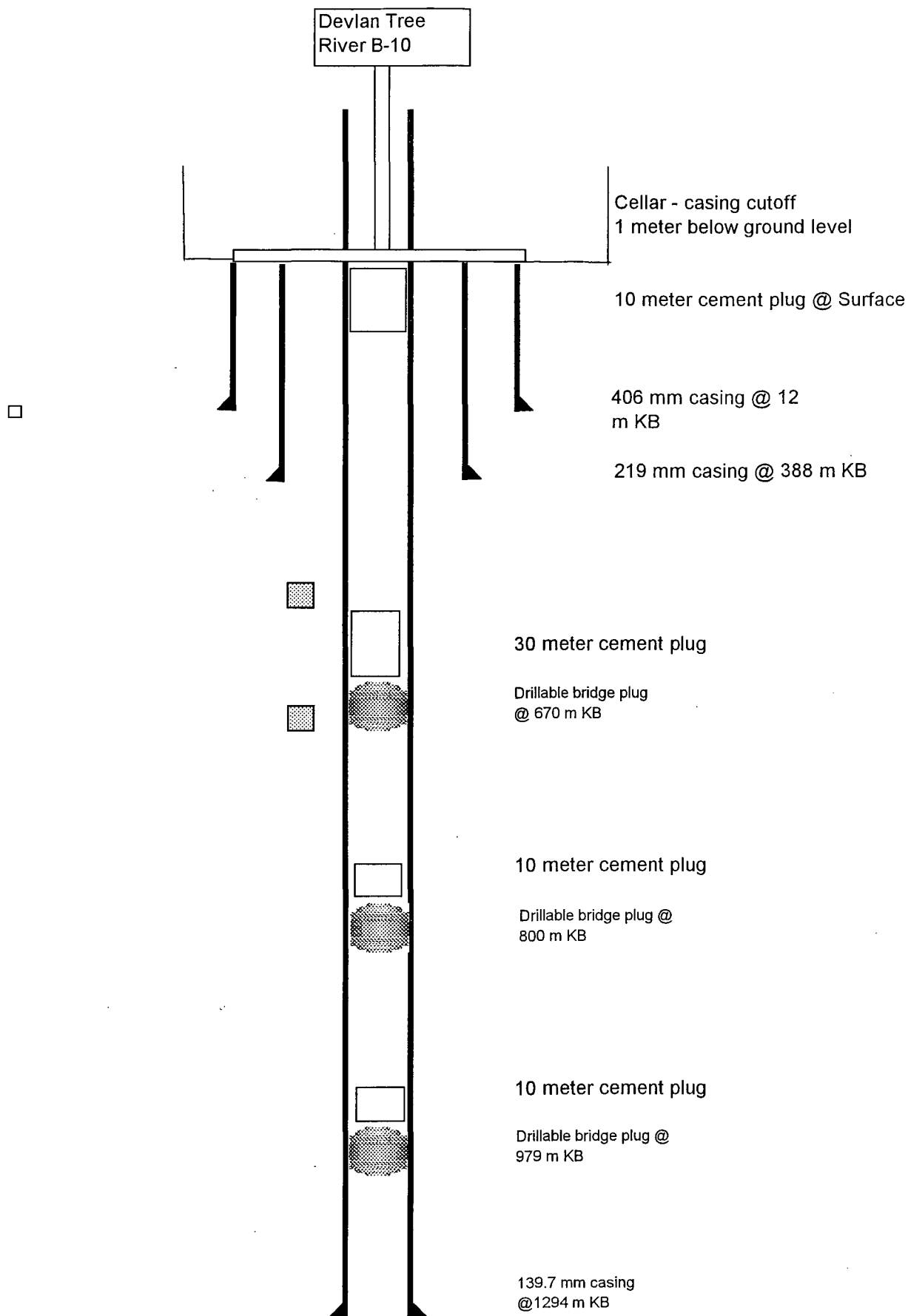
Page 1
 Day # 6

AFE #
 Amount
 Suppl Amount
 Total

BOP Pressure Test kPa Satisfactory BOP Function Test

02/03/2003	OPERATIONS SUMMARY
TIME	ACTIVITY
0:00	Continue to rig down CTU.
1:00	Rig in Tucker Wire Line & RIH w/ 124 mm guage ring & junk basket. Tag PBTD @ 1233 mkb, 46 meters high. POH & RIH w/ CBL-VDL-CCL-GR tools & run correlation logs, pass # 1, from PBTD @1233 to 575 mkb. Run pass # 2, pressure pass w/ 7000 kPa pressure on well. Rig down Tucker Wire Line.
7:00	Rig in Rockwell CTU, found bottom flange on BOP not compatable w/ wellhead flange. Well is 7-1/16 - 14000 kPa, BOP flange is 7-1/16 - 35000 kPa. Also found wrong x-over sub sent w/ 139 mm csg scraper. Order tools from Calgary
10:00	Rig up CTU & RIH to 300 + meters & blow well down w/ air, to keep from freezing. POH w/ cdoil tbg. & rack back.
12:00	Wait on tools.
24:00:00	Continue to wait on tools.

Reservoir Fluids Summary			Daily	Cumulative	Packer set at		m KB
Gas			e3m3/d	e3m3/d	Casing Annulus Volume		m3
Oil or Condensate			m3/d	m3/d	Tubing Volume		m3
Water			m3/d	m3/d	Bottom to Perf Volume		m3
Time Swabbed or Flowed			hrs.	hrs.	Total		m3
Load fluid type	Water	Used today		Cum. Used	Left to recover		
		Rec. today		Cum. Rec.			
Service rig hours:	Daily			Cumulative	Downtime		Cum. Downtime
Personnel on Location:		17		Equipment on Location	1.5" GEOS CTU, OPSCO test equip, Tucker wireline		
Weather:	Clear, Sunny -28 C	Roads:		Rough winter	Reported by: Richard Slater		



**Devlan et al Tree River 67-131
67 19' 14.320" N, 131 45' 35.154" W
Lone Mountain Formation**

**Clean Up Test (PRD)
February 06-17, 2003**



GENERAL INFORMATION

Client Information:

Company: DEVLAN EXPLORATION INC. c/o CANADIAN PETROLEUM ENG. INC

Contact: LOREN HAMMER

Phone: Fax: e-mail:

Site Information:

Contact: RICHARD SLATER

Phone: Fax: e-mail:

Well Information:

Name: DEVLAN et al TREE RIVER 67-131

Operator: DEVLAN EXPLORATION INC. c/o CANADIAN PETROLEUM ENG. INC

Location-Downhole: 67 19' 14.320" N, 131 45' 35.154" W

Location-Surface:

Test Information:

Company: OPSCO ENERGY INDUSTRIES LTD.

Representative: BUZZ BRADLEY

Supervisor: LARRY CLARK

Test Type: CLEAN UP TEST

Job Number:

Test Unit: PT-17

Start Date: 2003/02/06

Start Time: 02:30:00

End Date: 2003/02/17

End Time: 11:15:00

Report Date: 2003/04/02

Prepared By: MICHELLE BOND

Remarks:

Qualified By: RICK DOLL

LONE MOUNTAIN PERFORATED INTERVALS 796.0-800.0/803.0-806.0/807.0-812.0 &
816.0-820.0 mKB

ALL PRESSURES ARE REPORTED IN kPa(a)

DEVLAN EXPLORATION INC. c/o CANADIAN PETROLEUM DEVLAN et al TREE RIVER 67-131

67 19' 14.320" N, 131 45' 35.154" W

Formation: LONE MOUNTAIN

Start Test Date: 2003/02/06

METER REPORT

Final Test Date: 2003/02/17

Gas Meter 1

Meter Type:	Orifice Meter
Meter Size (ID):	102.26 mm
Previous Gas Production:	0.000 10 ³ m ³
Tap Type:	Flange
Tap Location:	Downstream
Gas Gravity (G):	0.600
CO ₂ :	0.00 %
H ₂ S:	0.00 %
N ₂ :	0.00 %
Critical Temperature (T _c):	199.17 K
Critical Pressure (P _c):	4636.72 kPa

Oil Meter 1

Meter Type:	Produced Volume
Measurement Type:	Incremental
Columns for Produced Volume:	
Previous Oil Production:	0.000 m ³
Previous Water Production:	0.000 m ³

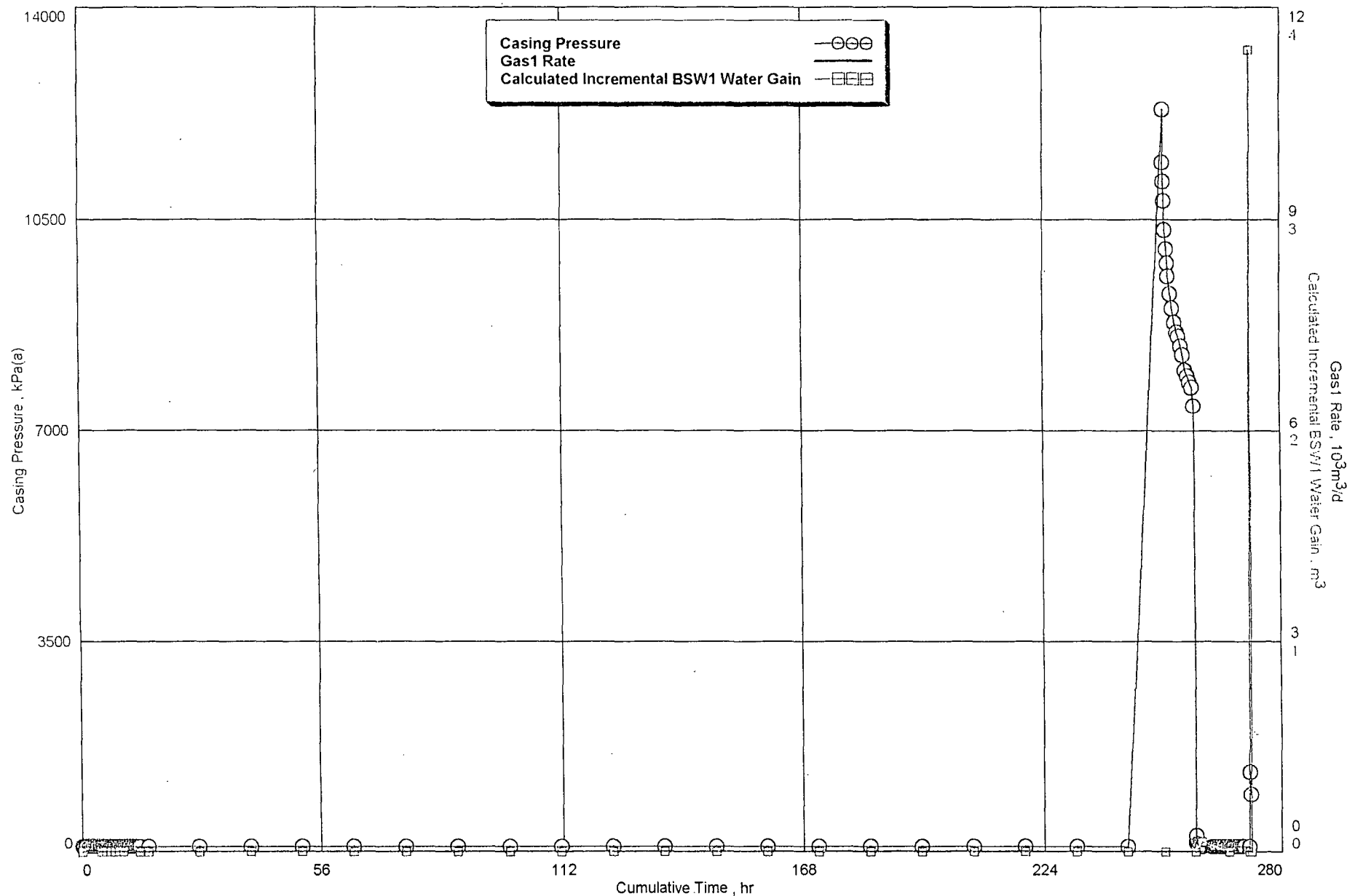
Water Meter 1

Meter Type:	Produced Volume
Measurement type:	Incremental
Columns for Produced Volume:	
Previous Water Production:	0.000 m ³

DEVLAN EXPLORATION INC. c/o CANADIAN PETROLEUM ENG. INC
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/06
 Final Test Date: 2003/02/17

DEVLAN et al TREE RIVER
 Formation: LONE MOUNTAIN

DEVLAN et al TREE RIVER 67-131



DEVLAN EXP. STATION INC. c/o CANADIAN PETROLEUM ENG. INC.
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/06
 Final Test Date: 2003/02/17

Field Notes

DEVLAN et al TREE RIVER 31
 Formation: LONE MOUNTAIN

Field Measurements

	Clock	Cum	Tbg	Csg	Stat	Diff		Gas	Cum	Fld	Inc	Cum						
Date	Time	Time	Pres	Pres	WHT	Pres	Pres	MRT	Orifice	Rate	Gas	Fld	BSW	Wat	Wat	WGR	Sal	pH
yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m	ppm	
1	2003/02/06	02:30:00	0.000	93	93	0	93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000		
2		02:40:00	0.167	GUN'S HAVE BEEN FIRED. START RUNNING OUT OF THE HOLE.														
3		02:45:00	0.250		105													
4		02:50:00	0.333		104													
5		02:55:00	0.417		103													
6		03:00:00	0.500		103													
7		03:15:00	0.750		101													
8		03:30:00	1.000		101													
9		04:00:00	1.500		101													
10		04:30:00	2.000		101													
11		05:00:00	2.500		101													
12		05:30:00	3.000		100													
13		06:00:00	3.500		101													
14		06:30:00	4.000		101													
15		07:00:00	4.500		100		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000		
16		07:00:00	4.500	OPEN TO FLOW ON A 2.000" BYPASS.														
17		07:05:00	4.583		97													
18		07:10:00	4.667		97													
19		07:15:00	4.750		97													
20		07:30:00	5.000		95													
21		07:45:00	5.250		94													
22		08:00:00	5.500		95							0.000	0	0.000	0.000			
23		08:30:00	6.000		93													
24		09:00:00	6.500		93							0.000	0	0.000	0.000			
25		09:30:00	7.000		93													
26		10:00:00	7.500		93							0.000	0	0.000	0.000			
27		10:30:00	8.000		93													
28		11:00:00	8.500		93							0.000	0	0.000	0.000			
29		11:30:00	9.000		93													

DEVLAN EXP. TION INC. c/o CANADIAN PETROLEUM ENG. INC
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/06
 Final Test Date: 2003/02/17

FieldN s

DEVLAN et al TREE RIVE 31
 Formation: LONE MOC...AIN

Field Measurements

	Clock	Cum	Tbg	Csg	Stat	Diff		Gas	Cum	Fld		Inc	Cum					
Date	Time	Time	Pres	Pres	WHT	Pres	Pres	MRT	Orifice	Rate	Gas	Vol	BSW	Wat	Wat	WGR	Sal	pH
yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m	ppm	
30	2003/02/06	12:00:00	9.500			93												
31		12:00:00	9.500	SHUT IN AND RECORD BUILDUP'S.														
32		12:05:00	9.583			93		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000	
33		12:10:00	9.667			93												
34		12:15:00	9.750			93												
35		12:30:00	10.000			93												
36		12:45:00	10.250			93												
37		13:00:00	10.500			93												
38		13:30:00	11.000			93												
39		14:00:00	11.500			93												
40		14:30:00	12.000			93												
41		15:00:00	12.500			93												
42		15:30:00	13.000			93												
43		16:00:00	13.500			93		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000	
44		16:00:00	13.500	SHUT IN, RIG OUT TESTING UNIT AND GET READY TO MOVE TO N-73														
45		18:00:00	15.500	RECORD BUILDUP'S EVERY 12-HR'S.														
46		18:00:00	15.500			93		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000	
47	2003/02/07	06:00:00	27.500			93		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000	
48		18:00:00	39.500			93		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000	
49	2003/02/08	06:00:00	51.500			93		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000	
50		18:00:00	63.500			93		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000	
51	2003/02/09	06:00:00	75.500			93		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000	
52		18:00:00	87.500			93		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000	
53	2003/02/10	06:00:00	99.500			93		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000	
54		18:00:00	111.500			94		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000	
55	2003/02/11	06:00:00	123.500			94		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000	
56		18:00:00	135.500			94		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000	
57	2003/02/12	06:00:00	147.500			94		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000	
58		18:00:00	159.500			94		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000	

DEVLAN EXPLORATION INC. c/o CANADIAN PETROLEUM ENG. INC
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/06
 Final Test Date: 2003/02/17

FieldNotes

DEVLAN et al TREE RIVER 131
 Formation: LONE MOUNTAIN

Field Measurements

	Clock	Cum	Tbg	Csg	Stat	Diff		Gas	Cum	Fld	Inc	Cum						
Date	Time	Time	Pres	Pres	WHT	Pres	Pres	MRT	Orifice	Rate	Gas	Vol	BSW	Wat	Wat	WGR	Sal	pH
yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m	ppm	
59	2003/02/12	06:00:00	171.500		94		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000		
60		18:00:00	183.500		94		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000		
61	2003/02/14	06:00:00	195.500		94		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000		
62		18:00:00	207.500		94		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000		
63	2003/02/15	06:00:00	219.500		94		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000		
64		18:00:00	231.500		94		93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000		
65	2003/02/16	06:00:00	243.500		94		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000		
66		08:45:00	246.250	HOLD SAFETY MEETING WITH ALL SERVICES.														
67		09:00:00	246.500	PRESSURE TEST AND START ACID JOB.														
68		14:30:00	252.000	PRESSURE WELL UP TO (12,000kpa) WITH ACID PUMPER AND RECORD PRESSURE.														
69		14:45:00	252.250		12315		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000		
70		14:50:00	252.333		11443													
71		14:55:00	252.417		11135													
72		15:00:00	252.500		10813													
73		15:15:00	252.750		10329													
74		15:30:00	253.000		10023													
75		15:45:00	253.250		9785													
76		16:00:00	253.500		9569													
77		16:30:00	254.000		9282													
78		17:00:00	254.500		9044													
79		17:30:00	255.000		8811													
80		18:00:00	255.500		8661													
81		18:30:00	256.000		8588													
82		19:00:00	256.500		8428													
83		19:30:00	257.000		8285													
84		20:00:00	257.500		8031													
85		20:30:00	258.000		7937													
86		21:00:00	258.500		7837													
87		21:30:00	259.000		7745													

DEVLAN EXPLORATION INC. c/o CANADIAN PETROLEUM ENG. INC
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/06
 Final Test Date: 2003/02/17

Field Notes

DEVLAN et al TREE RIVER 131
 Formation: LONE MOUNTAIN

Field Measurements

	Clock	Cum	Tbg	Csg	Stat	Diff		Gas	Cum	Fld	Inc	Cum						
Date	Time	Time	Pres	Pres	WHT	Pres	Pres	MRT	Orifice	Rate	Gas	Vol	BSW	Wat	Wat	WGR	Sal	pH
yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m	ppm	
88	2003/02/16	22:00:00	259.500		7441		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000		
89		22:00:00	259.500	OPEN WELL ON 32/64 (12.70mm) CHOKE														
90		22:05:00	259.583		165													
91		22:10:00	259.667		278													
92		22:10:00	259.667	FLUID TO SURFACE														
93		22:15:00	259.750		138													
94		22:30:00	260.000		118													
95		22:45:00	260.250		111													
96		23:00:00	260.500		102													
97		23:30:00	261.000		96		93	0.0	0	0.00	0.000	0.000	0.050	100	0.050	0.050		
98		23:30:00	261.000	SHUT IN WELL.														
99	2003/02/17	00:00:00	261.500	RIG IN WIRELINE														
100		00:15:00	261.750	HOLD SAFETY MEETING														
101		00:30:00	262.000	RUN IN HOLE WITH PERF GUN														
102		01:20:00	262.833	FIRE GUNS (LONE MOUNTAIN / SECONDARY ZONE)														
103		01:45:00	263.250		97													
104		02:00:00	263.500		97													
105		02:15:00	263.750		96													
106		02:30:00	264.000		95													
107		02:45:00	264.250		95													
108		03:00:00	264.500		93													
109		03:30:00	265.000		93													
110		04:00:00	265.500		93													
111		04:30:00	266.000		93													
112		05:00:00	266.500		93													
113		05:30:00	267.000		93													
114		06:00:00	267.500		94		93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.050		
115		06:30:00	268.000		94													
116		07:00:00	268.500		93													

DEVLAN EXPLORATION INC. c/o CANADIAN PETROLEUM ENG. INC
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/06
 Final Test Date: 2003/02/17

FieldNotes

Field Measurements

DEVLAN et al TREE RIVER -131
 Formation: LONE MOUNTAIN

	Clock	Cum	Tbg	Csg	Stat	Diff		Gas	Cum	Fld	Inc	Cum						
Date	Time	Time	Pres.	Pres	WHT	Pres	Pres	MRT	Orifice	Rate	Gas	Vol	BSW	Wat	Wat	WGR	Sal	pH
yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m	ppm	
117	2003/02/17	07:30:00	269.000			94												
118		08:00:00	269.500			93												
119		08:30:00	270.000			93												
120		09:00:00	270.500			93												
121		09:30:00	271.000			93												
122		09:45:00	271.250	SHUT IN WELL AND RIG IN COIL TO BLOW (300m) OF FLUID TO THE TESTING UNIT.														
123		10:45:00	272.250			94		93	0.0	0	0.000	0.000	0.000		0.000	0.050		
124		10:45:00	272.250	FLUID @ SURFACE, START RUNNING IN WITH COIL.														
125		11:00:00	272.500			1339												
126		11:15:00	272.750			965		93	0.0	0	0.000	0.000	3.800	100	3.800	3.850		
127		11:16:00	272.767	STOP INJECTING AIR.														
128		11:17:00	272.783					93	0.0	0	0.000	0.000	0.000		0.000	3.850		
129		11:18:00	272.800	TOTAL FLUID = (3.800m ³).														
130		11:19:00	272.817	BLOW DOWN FLOWLINE.														
131		11:30:00	273.000	RIG IN ACID LINE AND GET READY FOR ACID JOB.														
132		11:30:00	273.000	END OF TEST														

**Devlan et al Tree River 67-131
67 19' 14.320" N, 131 45' 35.154" W
Gossage Formation**

**Clean Up Test (PRD)
February 18-21, 2003**



GENERAL INFORMATION

Client Information:

Company: DEVLAN EXPLORATION INC.

Contact: LORNE HAMMER

Phone: Fax: e-mail:

Site Information:

Contact: RICHARD SLATER

Phone: Fax: e-mail:

Well Information:

Name: DEVLAN et al TREE RIVER 67-131

Operator: DEVLAN EXPLORATION INC.

Location-Downhole: 67 19' 14.320" N, 131 45' 35.154" W

Location-Surface:

Test Information:

Company: OPSCO ENERGY INDUSTRIES LTD.

Representative: CLAY BRADLEY

Supervisor: LARRY CLARK

Test Type: CLEAN UP TEST

Job Number:

Test Unit: PT-17

Start Date: 2003/02/18

Start Time: 18:45:00

End Date: 2003/02/21

End Time: 16:00:00

Report Date: 2003/03/27

Prepared By: MICHELLE BOND

Remarks:

Qualified By: RICK DOLL

GOSSAGE PERFORATED INTERVALS 673.0 - 676.0 mKB
ALL PRESSURES ARE REPORTED IN kPa(a)

DEVLAN EXPLORATION INC.

67 19' 14.320" N, 131 45' 35.154" W

Start Test Date: 2003/02/18

Final Test Date: 2003/02/21

FieldNotes

DEVLAN et al TREE RIVER 67-131

Formation: GOSSAGE

METER REPORT

Gas Meter 1

Meter Type:

Meter Size (ID):

Previous Gas Production:

Tap Type:

Tap Location:

Orifice Meter

102.26 mm

0.000 10³m³

Flange

Downstream

Gas Gravity (G):

0.600

CO₂:

0.00 %

H₂S:

0.00 %

N₂:

0.00 %

Critical Temperature (T_C):

199.17 K

Critical Pressure (P_C):

4636.72 kPa

Oil Meter 1

Meter Type:

Measurement Type:

Columns for Produced Volume:

Previous Oil Production:

Previous Water Production:

Produced Volume

Incremental

0.000 m³

0.000 m³

Water Meter 1

Meter Type:

Measurement type:

Columns for Produced Volume:

Previous Water Production:

Produced Volume

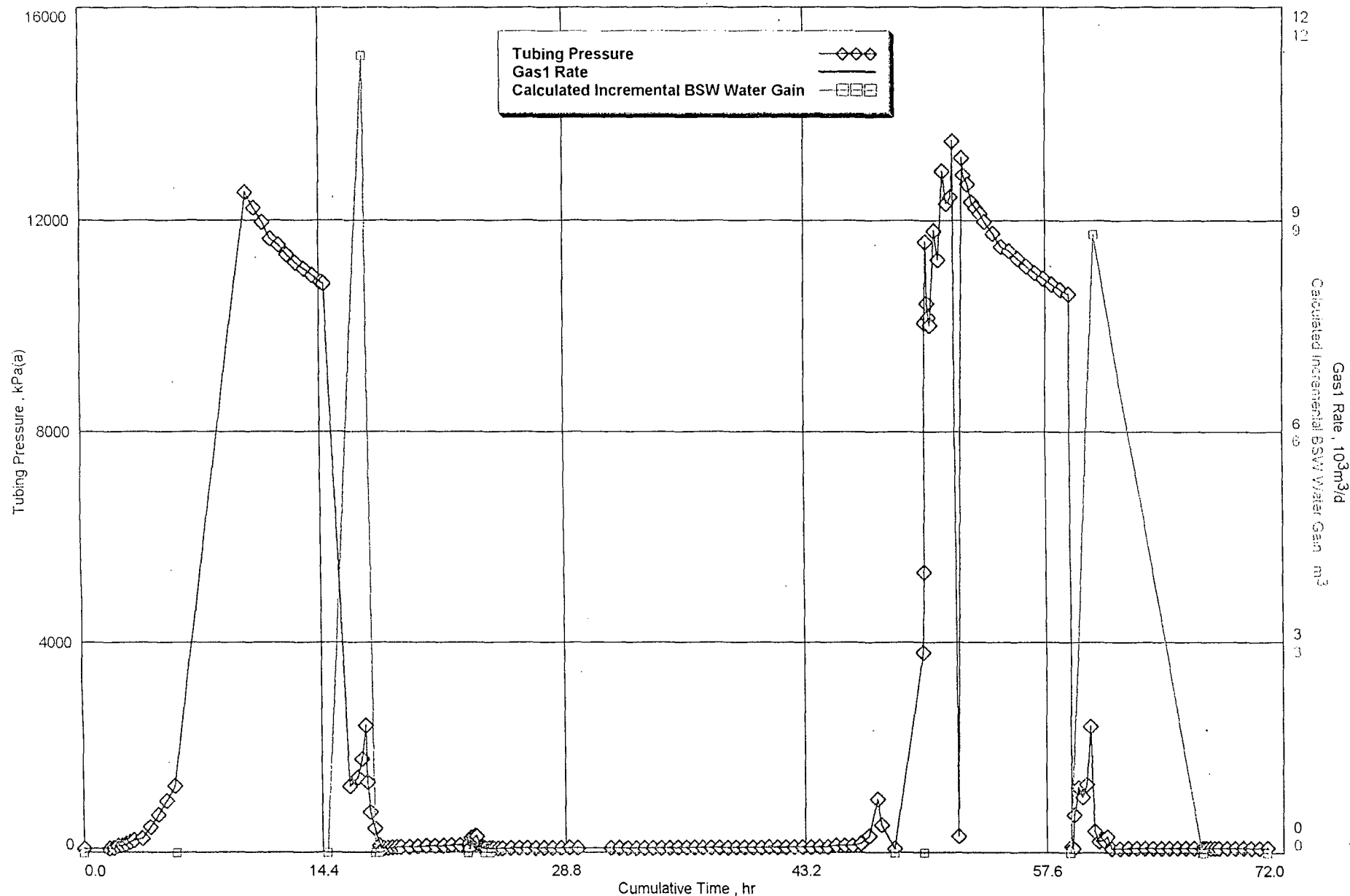
Incremental

0.000 m³

DEVLAN EXPLORATION INC.
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/18
 Final Test Date: 2003/02/21

DEVLAN et al TREE RIVER
 Formation: GOS.

DEVLAN et al TREE RIVER 67-131



DEVLAN EXPLORATION INC.
67 19' 14.320" N, 131 45' 35.154" W
Start Test Date: 2003/02/18
Final Test Date: 2003/02/21

FieldNotes

Field Measurements

DEVLAN et al TREE RIVER -131
Formation: GOSSAGE

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	Stat WHT	Diff Pres	MRT Pres	Orifice	Gas Rate	Cum Gas	Fld Vol	Inc BSW	Cum Wat	WGR	Sal	pH	
	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m ³	ppm
1	2003/02/18	17:00:00	0.000	93	93	0	93	0.0	0	0.00	0.000	0.000	0.000	0	0.000	0.000		
2		17:01:00	0.017	Prepare to perforate.														
3		17:15:00	0.250	Bleed off all tubing pressure to rig tank.														
4		18:30:00	1.500	93														
5		18:45:00	1.750	Fire perforating guns														
6		18:45:00	1.750	97														
7		19:00:00	2.000	142														
8		19:15:00	2.250	155														
9		19:30:00	2.500	182														
10		19:45:00	2.750	213														
11		20:00:00	3.000	245														
12		20:30:00	3.500	287														
13		21:00:00	4.000	501														
14		21:30:00	4.500	730														
15		22:00:00	5.000	998														
16		22:00:00	5.000	Prepare for acid squeeze.														
17		22:30:00	5.500	1284														
18		22:35:00	5.583	Rig back deadweight and start														
19		22:36:00	5.600				93	0.0	0	0.00	0.000	0.000	0.000		0.000	0.000		
20	2003/02/19	03:00:00	10.000	Acid squeeze completed.														
21		03:00:00	10.000	12533														
22		03:30:00	10.500	12233														
23		04:00:00	11.000	11970														
24		04:30:00	11.500	11661														
25		05:00:00	12.000	11539														
26		05:30:00	12.500	11353														
27		06:00:00	13.000	11205														
28		06:30:00	13.500	11091														
29		07:00:00	14.000	10972														
30		07:30:00	14.500	10851														
31		07:40:00	14.667	10819			93	0.0	0	25.40	0.000	0.000	0.000		0.000	0.000		
32		07:45:00	14.750	Rig up Coil-Tubing														
33		08:45:00	15.750	Coil-Tubing at 700m ; Open well to flow and pump air through coil unit.														
34		09:00:00	16.000	1270														42000

DEVLAN EXPLORATION INC.
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/18
 Final Test Date: 2003/02/21

FieldNotes

Field Measurements

DEVLAN et al TREE RIVER 131
 Formation: GOSAGE

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m ³	ppm	
35	2003/02/19	09:30:00	16.500	1438														56000	1
36		09:31:00	16.517	Coil on bottom.															
37		09:45:00	16.750	1800														80000	
38		10:00:00	17.000	2428									11.320	100	11.320	11.320		87000	1
39		10:00:00	17.000	No fluid returns.															
40		10:05:00	17.083	1350															
41		10:15:00	17.250	781															
42		10:30:00	17.500	474			93	0.0	0	25.40	0.000	0.000	0.001		0.001	11.321			
43		10:30:00	17.500	Shut and record build ups.															
44		10:45:00	17.750	141			93	0.0	0		0.000	0.000	0.000		0.000	11.321			
45		11:00:00	18.000	93															
46		11:15:00	18.250	95															
47		11:30:00	18.500	107															
48		11:45:00	18.750	112															
49		12:00:00	19.000	115															
50		12:30:00	19.500	120															
51		13:00:00	20.000	123															
52		13:30:00	20.500	132															
53		14:00:00	21.000	136															
54		14:30:00	21.500	142															
55		15:00:00	22.000	147															
56		15:30:00	22.500	153															
57		16:00:00	23.000	159			93	0.0	0		0.000	0.000	0.000		0.000	11.321			
58		16:00:00	23.000	Open well to flow															
59		16:05:00	23.083	98															
60		16:06:00	23.100	Coil tubing pumping air to lift fluid.															
61		16:10:00	23.167	298															
62		16:15:00	23.250	283															
63		16:20:00	23.333	293															
64		16:25:00	23.417	333															
65		16:30:00	23.500	317															
66		16:40:00	23.667	Shut down air injection through coil tubing.															
67		16:45:00	23.750	117															
68		16:50:00	23.833	104															

DEVLAN EXPLC JN INC.
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/18
 Final Test Date: 2003/02/21

Field Measurements

DEVLAN et al TREE RIV
 Formation: C

31
 GE

	Clock	Cum	Tbg	Csg	Stat	Diff				Gas	Cum	Fld		Inc	Cum			
Date	Time	Time	Pres	Pres	WHT	Pres	Pres	MRT	Orifice	Rate	Gas	Vol	BSW	Wat	Wat	WGR	Sal	pH
yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m ³	ppm	
69	2003/02/19	16:55:00	23.917	95														
70		17:00:00	24.000	93		93	0.0	0		0.000	0.000	0.000		0.000	11.321			
71		17:15:00	24.250	93														
72		17:15:00	24.250	Shut in well and record build-ups.														
73		17:20:00	24.333	93		93	0.0	0		0.000	0.000	0.000		0.000	11.321			
74		17:25:00	24.417	93														
75		17:30:00	24.500	93														
76		17:45:00	24.750	93														
77		18:00:00	25.000	93														
78		18:30:00	25.500	96														
79		19:00:00	26.000	97														
80		19:30:00	26.500	98														
81		20:00:00	27.000	98														
82		20:30:00	27.500	100														
83		21:00:00	28.000	102														
84		21:30:00	28.500	102														
85		22:00:00	29.000	103														
86		22:30:00	29.500	98														
87		22:30:00	29.500	Hold safety meeting before acid squeeze														
88	2003/02/20	00:00:00	31.000	Coil frozen / postpone acid squeeze until coil thawed out / continue to monitor pressures														
89		00:30:00	31.500	98														
90		01:00:00	32.000	98														
91		01:30:00	32.500	98														
92		02:00:00	33.000	98														
93		02:30:00	33.500	98														
94		03:00:00	34.000	99														
95		03:30:00	34.500	101														
96		04:00:00	35.000	102														
97		04:30:00	35.500	103														
98		05:00:00	36.000	103														
99		05:30:00	36.500	105														
100		06:00:00	37.000	108														
101		06:30:00	37.500	109														
102		07:00:00	38.000	110														

DEVLAN EXPLORATION INC.
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/18
 Final Test Date: 2003/02/21

FieldNotes

Field Measurements

DEVLAN et al TREE RIVER 131
 Formation: GOSSAGE

	Clock	Cum	Tbg	Csg	Stat	Diff				Gas	Cum	Fld		Inc	Cum			
Date	Time	Time	Pres	Pres	WHT	Pres	Pres	MRT	Orifice	Rate	Gas	Vol	BSW	Wat	Wat	WGR	Sal	pH
yyyy/mm/dd hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m ³	ppm		
103	2003/02/20	07:30:00	38.500	110														
104		08:00:00	39.000	110														
105		08:30:00	39.500	111														
106		09:00:00	40.000	111														
107		09:30:00	40.500	111														
108		10:00:00	41.000	113														
109		10:30:00	41.500	114														
110		11:00:00	42.000	115														
111		11:30:00	42.500	116														
112		12:00:00	43.000	116														
113		12:30:00	43.500	117														
114		13:00:00	44.000	122														
115		13:30:00	44.500	122														
116		14:00:00	45.000	147														
117		14:30:00	45.500	149														
118		15:00:00	46.000	148														
119		15:00:00	46.000	Hydrate in coil breaking down. Prepare to pump methanol through coil.														
120		15:30:00	46.500	188														
121		15:35:00	46.583	Start blowing air through coil and circulate to test equipment.														
122		16:00:00	47.000	332														
123		16:30:00	47.500	1031														
124		16:40:00	47.667	Shut down air, bleed off well.														
125		16:45:00	47.750	541														
126		17:30:00	48.500	93														
127		17:30:00	48.500	Shut in well.														
128		17:31:00	48.517			93	0.0	0		0.000	0.000	0.000		0.000	11.321			
129		17:45:00	48.750	Safety Meeting for acid flow.														
130		18:00:00	49.000	Fill hole with water.														
131		19:00:00	50.000	Spot acid														
132		19:10:00	50.167	Pressure up well.														
133		19:15:00	50.250	3813		93	0.0	0		0.000	0.000	0.000		0.000	11.321			
134		19:20:00	50.333	5323														
135		19:25:00	50.417	10080														
136		19:30:00	50.500	11593														

DEVLAN EXPLORATION INC.
67 19' 14.320" N, 131 45' 35.154" W
Start Test Date: 2003/02/18
Final Test Date: 2003/02/21

FieldNotes

Field Measurements

DEVLAN et al TREE RIVER 131
Formation: GOSAGE

	Clock	Cum	Tbg	Csg	Stat	Diff				Gas	Cum	Fld		Inc	Cum			
Date	Time	Time	Pres	Pres	WHT	Pres	Pres	MRT	Orifice	Rate	Gas	Vol	BSW	Wat	Wat	WGR	Sal	pH
yyyy/mm/dd hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m ³	ppm		
137	2003/02/20	19:35:00	50.583	10443														
138		19:40:00	50.667	10178														
139		19:45:00	50.750	10038														
140		20:00:00	51.000	11803														
141		20:15:00	51.250	11253														
142		20:30:00	51.500	12933														
143		20:45:00	51.750	12313														
144		20:45:00	51.750	12313														
145		21:00:00	52.000	12443														
146		21:07:00	52.117	13493														
147		21:07:00	52.117	Stop 4 stage acid squeeze. Shut in for 15min.														
148		21:07:00	52.117	3 cubes of acid away. Acid rate .11 m ³ /min.														
149		21:20:00	52.333	Bleed off well. Fix leak on wellhead.														
150		21:20:00	52.333	333														
151		21:35:00	52.583	Begin to build pressure again. Record pressures.														
152		21:40:00	52.667	13178														
153		21:45:00	52.750	12858														
154		22:00:00	53.000	12693														
155		22:15:00	53.250	12353														
156		22:30:00	53.500	12233														
157		22:45:00	53.750	12128														
158		23:00:00	54.000	11978														
159		23:30:00	54.500	11758														
160	2003/02/21	00:00:00	55.000	11508														
161		00:30:00	55.500	11428														
162		01:00:00	56.000	11283														
163		01:30:00	56.500	11138														
164		02:00:00	57.000	11013														
165		02:30:00	57.500	10908														
166		03:00:00	58.000	10803														
167		03:30:00	58.500	10708														
168		04:00:00	59.000	10623		93	0.0	0	25.40	0.000	0.000	0.000		0.000	11.321			
169		04:00:00	59.000	Open well to flow through 13.49mm (34/64") frac bean.														
170		04:05:00	59.083	130														

DEVLAN EXPLORATION INC.
67 19' 14.320" N, 131 45' 35.154" W
Start Test Date: 2003/02/18
Final Test Date: 2003/02/21

FieldNotes

Field Measurements

DEVLAN et al TREE RIVER-131
Formation: GOSSAGE

	Clock	Cum	Tbg	Csg	Stat	Diff				Gas	Cum	Fld		Inc	Cum			
Date	Time	Time	Pres	Pres	WHT	Pres	Pres	MRT	Orifice	Rate	Gas	Vol	BSW	Wat	Wat	WGR	Sal	pH
yyyy/mm/dd hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m ³	ppm		
171	2003/02/21	04:06:00	59.100	Open By-Pass on manifold ; 42.55mm (1.675" I.D.).														
172		04:10:00	59.167	98														
173		04:10:00	59.167	Rig up coil tubing. Start down hole pumping air.														
174		04:15:00	59.250	735														
175		04:30:00	59.500	1258														
176		04:45:00	59.750	1073														
177		04:45:00	59.750	Coil tubing on bottom 700m.														
178		05:00:00	60.000	1313														
179		05:15:00	60.250	2423														
180		05:30:00	60.500	428			93	0.0	0	25.40	0.000	0.000	8.800		8.800	20.121		
181		05:30:00	60.500	No fluid returns.														
182		05:45:00	60.750	228														
183		06:00:00	61.000	248														
184		06:00:00	61.000	Coil tubing starting out of hole.														
185		06:05:00	61.083	Coil tubing starting out of hole.														
186		06:15:00	61.250	323														
187		06:25:00	61.417	Coil tubing on surface.														
188		06:30:00	61.500	93														
189		07:00:00	62.000	93														
190		07:30:00	62.500	94														
191		08:00:00	63.000	94			93	0.0	0	25.40	0.000	0.000						
192		08:30:00	63.500	94														
193		08:31:00	63.517	Change meter run orifice to smallest possible ; 12.7mm (0.5").														
194		09:00:00	64.000	95			94	0.0	22	12.70	0.000	0.000						
195		09:01:00	64.017	Gas rate to small to measure (Less than 0.100 10 ³ M ³ /Day).														
196		09:30:00	64.500	94														
197		10:00:00	65.000	95														
198		10:30:00	65.500	95														
199		11:00:00	66.000	95														
200		11:30:00	66.500	95														
201		12:00:00	67.000	94			93	0.0	0		0.000	0.000	0.001		0.001	20.122		
202		12:00:01	67.000	Shut in well and record build ups.														
203		12:05:00	67.083	94			93	0.0	0		0.000	0.000	0.000		0.000	20.122		
204		12:10:00	67.167	94														

DEVLAN EXPLORATION INC.
 67 19' 14.320" N, 131 45' 35.154" W
 Start Test Date: 2003/02/18
 Final Test Date: 2003/02/21

FieldNotes

Field Measurements

DEVLAN et al TREE RI 131
 Formation: GOSAGE

	Clock	Cum	Tbg	Csg	Stat	Diff				Gas	Cum	Fld		Inc	Cum				
Date	Time	Time	Pres	Pres	WHT	Pres	Pres	MRT	Orifice	Rate	Gas	Vol	BSW	Wat	Wat	WGR	Sal	pH	
yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³	m ³ /10 ³ m ³	ppm		
205	2003/02/21	12:15:00	67.250	95															
206		12:30:00	67.500	95															
207		12:45:00	67.750	95															
208		13:00:00	68.000	96															
209		13:30:00	68.500	98															
210		14:00:00	69.000	99															
211		14:30:00	69.500	101															
212		15:00:00	70.000	102															
213		15:30:00	70.500	102															
214		16:00:00	71.000	103		93	0.0	0		0.000	0.000	0.000		0.000	20.122				
215		16:01:00	71.017	Rig off deadweight and bleed down well.															
216		16:02:00	71.033	Prepare to fill well to dispose of fluid.															
217		16:03:00	71.050	Rig out test unit and prepare to move to next location.															
218		16:04:00	71.067	END OF TEST															