

## Cementing Report

Legal Well Name: DEVON EAGLE PLAINS K-58      Spud Date: 02/02/2005  
 Common Well Name: DEVON EAGLE PLAINS K-58      Report #: 1      Report Date: 02/24/2005  
 Event Name: ORIG DRILLING      Start: 02/08/2005      End:

### Cement Job Type: Plug

Primary	Squeeze Open Hole	Squeeze Casing	Plug
Hole Size:	Hole Size:	Hole Size:	Hole Size: 311.0 (mm)
TMD Set: 92.0 (m)	SQ TMD: (m)	TMD Set:	Top Set: (m)
Date Set: 12/31/2004	SQ Date:	Date Set:	BTM set: 100.0 (m)
Csg Type: PLUG BACK	SQ Type:	Csg Type:	Plug Date: 02/24/2005
Csg Size:		SQ TMD:	Plug Type: PLUG BACK
		SQ Date:	Drilled Out: N
Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg: OPEN HOLE

Cement Co: SANJEL      Cementer: Murray Small      Pipe Movement: NO MOVEMENT

### Pipe Movement

Rot Time Start: :    Time End: :    RPM:    Init Torque: (N-m)    Avg Torque: (N-m)    Max Torque: (N-m)  
 Rec Time Start: :    Time End: :    SPM:    Stroke Length: (m)    Drag Up: (daN)    Drag Down: (daN)

### Stage No: 1 of 2

Type: PLUG #1	Start Mix Cmt: 10:35	Disp Avg Rate: 0.80 (m <sup>3</sup> /min)	Returns: 0
Volume Excess %: 50.00	Start Slurry Displ: 11:00	Disp Max Rate: 0.80 (m <sup>3</sup> /min)	Total Mud Lost: (m <sup>3</sup> )
Meas. From: GAUGE	Start Displ: :	Bump Plug: N	Cmt Vol to Surf: (m <sup>3</sup> )
Time Circ Prior	End Pumping: 11:01	Press Prior: (kPa)	
To Cementing:	End Pump Date: 02/24/2005	Press Bumped: (kPa)	Ann Flow After:
Mud Circ Rate: (m <sup>3</sup> /min)	Top Plug: N	Press Held: (min)	Mixing Method: Pumper
Mud Circ Press: (kPa)	Bottom Plug: N	Float Held:	Density Meas By: Scale

### Mud Data

Type: GEL CHEM Density: 1,180 (kg/m<sup>3</sup>) Visc: 69 (s/l)    PV/YP: (mPa\*s)/ (Pa) Gels 10 sec: (Pa) Gels 10 min: (Pa)  
 Bottom Hole Circulating Temperature: (°C)      Bottom Hole Static Temperature: (°C)  
 Displacement Fluid Type: FRESH WATER      Density: 1,000 (kg/m<sup>3</sup>)      Volume: 0.40 (m<sup>3</sup>)

### Stage No: 1 Slurry No: 1 of 1

#### Slurry Data

Fluid Type: LEAD #1      Description: 0:1:0      Class: CLASS G      Purpose: LOST CIRCU  
 Slurry Interval: (m)    To: 100.0 (m)    Cmt Vol: 12.0 (m<sup>3</sup>)    Density: 1,901 (kg/m<sup>3</sup>)    Yield: 0.76 (m<sup>3</sup>/t)    Mix Water: 0.44 (m<sup>3</sup>/t)  
 Water Source: River      Slurry Vol: 16.00 (tonne)    Water Vol: 7.0 (m<sup>3</sup>)    Other Vol: (m<sup>3</sup>)    Foam Job: N

#### Test Data

	Time	Temp	Pressure
Thickening Time:	Temperature: (°C)	Compressive Strength 1:	(°C) (kPa)
Free Water: (%)	Temperature: (°C)	Compressive Strength 2:	(°C) (kPa)
Fluid Loss: (mL)	Temperature: (°C)		
Fluid Loss Pressure: (kPa)			

**Cementing Report**

Legal Well Name: DEVON EAGLE PLAINS K-58 Spud Date: 02/02/2005  
 Common Well Name: DEVON EAGLE PLAINS K-58 Report #: 1 Report Date: 02/24/2005  
 Event Name: ORIG DRILLING Start: 02/08/2005 End:

**Stage No: 2 of 2**

Type: PLUG #2	Start Mix Cmt: 17:05	Disp Avg Rate: 0.80 (m³/min)	Returns: 0
Volume Excess %: 50.00	Start Slurry Displ: 17:10	Disp Max Rate: 0.80 (m³/min)	Total Mud Lost: (m³)
Meas. From: GAUGE	Start Displ: :	Bump Plug: N	Cmt Vol to Surf: (m³)
Time Circ Prior	End Pumping: 17:11	Press Prior: (kPa)	Ann Flow After:
To Cementing:	End Pump Date: 02/24/2005	Press Bumped: (kPa)	Mixing Method: Pumper
Mud Circ Rate: (m³/min)	Top Plug: N	Press Held: (min)	Density Meas By: Scale
Mud Circ Press: (kPa)	Bottom Plug: N	Float Held:	

**Mud Data**

Type: GEL CHEM Density: 1,180 (kg/m³) Visc: 69 (s/l) PV/YP: (mPa\*s)/ (Pa) Gels 10 sec: (Pa) Gels 10 min: (Pa)  
 Bottom Hole Circulating Temperature: (°C) Bottom Hole Static Temperature: (°C)  
 Displacement Fluid Type: FRESH WATER Density: 1,000 (kg/m³) Volume: 0.40 (m³)

**Stage No: 2 Slurry No: 1 of 1**

**Slurry Data**

Fluid Type: PLUG Description: 0:1:0 Class: CLASS G Purpose: LOST CIRCU  
 Slurry Interval: (m) To: 39.0 (m) Cmt Vol: 4.0 (m³) Density: 1,950 (kg/m³) Yield: 0.70 (m³/t) Mix Water: 0.44 (m³/t)  
 Water Source: River Slurry Vol: 5.40 (tonne) Water Vol: 2.3 (m³) Other Vol: (m³) Foam Job: N

**Test Data**

	Time	Temp	Pressure
Thickening Time:	Temperature: (°C)	Compressive Strength 1:	(°C) (kPa)
Free Water: (%)	Temperature: (°C)	Compressive Strength 2:	(°C) (kPa)
Fluid Loss: (mL)	Temperature: (°C)		
Fluid Loss Pressure: (kPa)			

**Casing Test**

**Shoe Test**

**Liner Top Test**

Test Press: (kPa)	Pressure: (kg/m³)	Liner Lap:
For: (min)	Tool:	Pos Test: (kg/m³) Tool:
Cement Found between	Open Hole: (m)	Neg Test: (kg/m³) Tool:
Shoe and Collar:	Hrs Before Test:	Hrs Before Test:
		Cement Found on Tool:

**Log/Survey Evaluation**

**Interpretation Summary**

CBL Run:	Cement Top: (m)
Under Pressure: (kPa)	How Determined:
Bond Quality:	TOC Sufficient:
Cet Run:	Job Rating:
Bond Quality:	If Unsuccessful Detection Indicator:
Temp Survey:	Remedial Cementing Required:
Hrs Prior to Log:	Number of Remedial Squeezes:

## Cementing Report

Legal Well Name: DEVON EAGLE PLAINS K-58      Spud Date: 02/02/2005  
 Common Well Name: DEVON EAGLE PLAINS K-58      Report #: 2      Report Date: 02/25/2005  
 Event Name: ORIG DRILLING      Start: 02/08/2005      End:

### Cement Job Type: Plug

Primary	Squeeze Open Hole	Squeeze Casing	Plug
Hole Size:	Hole Size:	Hole Size:	Hole Size: 311.0 (mm)
TMD Set: 92.0 (m)	SQ TMD: (m)	TMD Set:	Top Set: 75.0 (m)
Date Set: 12/31/2004	SQ Date:	Date Set:	BTM set: 115.0 (m)
Csg Type: PLUG BACK	SQ Type:	Csg Type:	Plug Date: 02/25/2005
Csg Size:		SQ TMD:	Plug Type: PLUG BACK
		SQ Date:	Drilled Out: N
Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg: OPEN HOLE

Cement Co: SANJEL      Cementer: Murray Small      Pipe Movement: NO MOVEMENT

### Pipe Movement

Rot Time Start: :      Time End: :      RPM:      Init Torque: (N-m)      Avg Torque: (N-m)      Max Torque: (N-m)  
 Rec Time Start: :      Time End: :      SPM:      Stroke Length: (m)      Drag Up: (daN)      Drag Down: (daN)

### Stage No: 1 of 1

Type: PLUG #1	Start Mix Cmt: 04:38	Disp Avg Rate: 0.80 (m <sup>3</sup> /min)	Returns: 0
Volume Excess %: 50.00	Start Slurry Displ: 04:44	Disp Max Rate: 0.80 (m <sup>3</sup> /min)	Total Mud Lost: (m <sup>3</sup> )
Meas. From: GAUGE	Start Displ: :	Bump Plug: N	Cmt Vol to Surf: (m <sup>3</sup> )
Time Circ Prior	End Pumping: 04:45	Press Prior: (kPa)	
To Cementing:	End Pump Date: 02/26/2005	Press Bumped: (kPa)	Ann Flow After:
Mud Circ Rate: (m <sup>3</sup> /min)	Top Plug: N	Press Held: (min)	Mixing Method: Pumper
Mud Circ Press: (kPa)	Bottom Plug: N	Float Held:	Density Meas By: Scale

### Mud Data

Type: GEL CHEM Density: 1,150 (kg/m<sup>3</sup>) Visc: 50 (s/l)      PV/YP: (mPa\*s)/(Pa) Gels 10 sec: (Pa) Gels 10 min: (Pa)  
 Bottom Hole Circulating Temperature: (°C)      Bottom Hole Static Temperature: (°C)  
 Displacement Fluid Type: FRESH WATER      Density: 1,000 (kg/m<sup>3</sup>)      Volume: 0.50 (m<sup>3</sup>)

### Stage No: 1 Slurry No: 1 of 1

#### Slurry Data

Fluid Type: PLUG      Description: ARCTIC SET      Class: CLASS G      Purpose: LOST CIRCU  
 Slurry Interval: 75.0 (m) To: 115.0 (m)      Cmt Vol: 5.0 (m<sup>3</sup>)      Density: 1,850 (kg/m<sup>3</sup>) Yield: 0.75 (m<sup>3</sup>/t)      Mix Water: 0.41 (m<sup>3</sup>/t)  
 Water Source: River      Slurry Vol: 8.00 (tonne)      Water Vol: 3.3 (m<sup>3</sup>)      Other Vol: (m<sup>3</sup>)      Foam Job: N

#### Test Data

	Time	Temp	Pressure
Thickening Time:	Temperature: (°C)	Compressive Strength 1:	(°C) (kPa)
Free Water: (%)	Temperature: (°C)	Compressive Strength 2:	(°C) (kPa)
Fluid Loss: (mL)	Temperature: (°C)		
Fluid Loss Pressure: (kPa)			

**Cementing Report**

Legal Well Name: DEVON EAGLE PLAINS K-58	Report #: 2	Spud Date: 02/02/2005
Common Well Name: DEVON EAGLE PLAINS K-58	Start: 02/08/2005	Report Date: 02/25/2005
Event Name: ORIG DRILLING	End:	

**Casing Test**

**Shoe Test**

**Liner Top Test**

Test Press: (kPa) For: (min) Cement Found between Shoe and Collar:	Pressure: (kg/m <sup>3</sup> ) Tool: Open Hole: (m) Hrs Before Test:	Liner Lap: Pos Test: (kg/m <sup>3</sup> ) Neg Test: (kg/m <sup>3</sup> ) Hrs Before Test: Cement Found on Tool:	Tool: Tool:
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**Log/Survey Evaluation**

**Interpretation Summary**

CBL Run: Under Pressure: (kPa) Bond Quality: Cet Run: Bond Quality: Temp Survey: Hrs Prior to Log:	Cement Top: (m) How Determined: TOC Sufficient: Job Rating: If Unsuccessful Detection Indicator: Remedial Cementing Required: Number of Remedial Squeezes:
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## Cementing Report

Legal Well Name: DEVON EAGLE PLAINS K-58      Spud Date: 02/02/2005  
 Common Well Name: DEVON EAGLE PLAINS K-58      Report #: 3      Report Date: 02/27/2005  
 Event Name: ORIG DRILLING      Start: 02/08/2005      End:

### Cement Job Type: Plug

Primary	Squeeze Open Hole	Squeeze Casing	Plug
Hole Size:	Hole Size:	Hole Size:	Hole Size: 311.0 (mm)
TMD Set: 92.0 (m)	SQ TMD: (m)	TMD Set:	Top Set: 38.0 (m)
Date Set: 12/31/2004	SQ Date:	Date Set:	BTM set: 143.0 (m)
Csg Type: PLUG BACK	SQ Type:	Csg Type:	Plug Date: 02/27/2005
Csg Size:		SQ TMD:	Plug Type: PLUG BACK
		SQ Date:	Drilled Out: N
Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg: OPEN HOLE

Cement Co: SANJEL      Cementer: Murray Small      Pipe Movement: NO MOVEMENT

### Pipe Movement

Rot Time Start: :      Time End: :      RPM:      Init Torque: (N-m)      Avg Torque: (N-m)      Max Torque: (N-m)  
 Rec Time Start: :      Time End: :      SPM:      Stroke Length: (m)      Drag Up: (daN)      Drag Down: (daN)

### Stage No: 1 of 2

Type: PLUG #4	Start Mix Cmt: 21:00	Disp Avg Rate: 0.80 (m <sup>3</sup> /min)	Returns: 0
Volume Excess %: 50.00	Start Slurry Displ: 21:10	Disp Max Rate: 0.80 (m <sup>3</sup> /min)	Total Mud Lost: (m <sup>3</sup> )
Meas. From: GAUGE	Start Displ: :	Bump Plug: N	Cmt Vol to Surf: (m <sup>3</sup> )
Time Circ Prior	End Pumping: 21:11	Press Prior: (kPa)	
To Cementing:	End Pump Date: 02/27/2005	Press Bumped: (kPa)	Ann Flow After:
Mud Circ Rate: (m <sup>3</sup> /min)	Top Plug: N	Press Held: (min)	Mixing Method: Pumper
Mud Circ Press: (kPa)	Bottom Plug: N	Float Held:	Density Meas By: Scale

### Mud Data

Type: GEL CHEM Density: 1,150 (kg/m<sup>3</sup>) Visc: 62 (s/l)      PV/YP: (mPa\*s)/(Pa) Gels 10 sec: (Pa) Gels 10 min: (Pa)  
 Bottom Hole Circulating Temperature: (°C)      Bottom Hole Static Temperature: (°C)  
 Displacement Fluid Type: FRESH WATER      Density: 1,000 (kg/m<sup>3</sup>)      Volume: 0.50 (m<sup>3</sup>)

### Stage No: 1 Slurry No: 1 of 1

#### Slurry Data

Fluid Type: PLUG      Description: EXPANDOMIX      Class: CLASS G      Purpose: LOST CIRCU  
 Slurry Interval: 70.0 (m) To: 143.0 (m)      Cmt Vol: 8.3 (m<sup>3</sup>)      Density: 1,870 (kg/m<sup>3</sup>)      Yield: 0.88 (m<sup>3</sup>/t)      Mix Water: 0.44 (m<sup>3</sup>/t)  
 Water Source: River      Slurry Vol: 9.50 (tonne)      Water Vol: 5.2 (m<sup>3</sup>)      Other Vol: (m<sup>3</sup>)      Foam Job: N

#### Test Data

	Time	Temp	Pressure
Thickening Time:	Temperature: (°C)	Compressive Strength 1:	(°C) (kPa)
Free Water: (%)	Temperature: (°C)	Compressive Strength 2:	(°C) (kPa)
Fluid Loss: (mL)	Temperature: (°C)		
Fluid Loss Pressure: (kPa)			

## Cementing Report

Legal Well Name:	DEVON EAGLE PLAINS K-58	Report #:	3	Spud Date:	02/02/2005
Common Well Name:	DEVON EAGLE PLAINS K-58	Start:	02/08/2005	Report Date:	02/27/2005
Event Name:	ORIG DRILLING	End:			

### Stage No: 2 of 2

Type: PLUG #5	Start Mix Cmt: 23:00	Disp Avg Rate: 0.80 (m <sup>3</sup> /min)	Returns: 0m3
Volume Excess %: 50.00	Start Slurry Displ: 23:06	Disp Max Rate: 0.80 (m <sup>3</sup> /min)	Total Mud Lost: (m <sup>3</sup> )
Meas. From: GAUGE	Start Displ: :	Bump Plug: N	Cmt Vol to Surf: (m <sup>3</sup> )
Time Circ Prior	End Pumping: 23:07	Press Prior: (kPa)	
To Cementing:	End Pump Date: 02/27/2005	Press Bumped: (kPa)	Ann Flow After:
Mud Circ Rate: (m <sup>3</sup> /min)	Top Plug: N	Press Held: (min)	Mixing Method: Pumper
Mud Circ Press: (kPa)	Bottom Plug: N	Float Held:	Density Meas By: Scale

### Mud Data

Type: GEL CHEM Density: 1,180 (kg/m <sup>3</sup> ) Visc: 62 (s/l) PV/YP: (mPa*s)/ (Pa) Gels 10 sec: (Pa) Gels 10 min: (Pa)
Bottom Hole Circulating Temperature: (°C) Bottom Hole Static Temperature: (°C)
Displacement Fluid Type: FRESH WATER Density: 1,000 (kg/m <sup>3</sup> ) Volume: 0.50 (m <sup>3</sup> )

### Stage No: 2 Slurry No: 1 of 1

#### Slurry Data

Fluid Type: PLUG	Description: EXPANDOMIX	Class: CLASS G	Purpose: LOST CIRCU
Slurry Interval: 38.0 (m) To: 103.0 (m)	Cmt Vol: 5.0 (m <sup>3</sup> )	Density: 1,870 (kg/m <sup>3</sup> ) Yield: 0.88 (m <sup>3</sup> /t)	Mix Water: 0.55 (m <sup>3</sup> /t)
Water Source: River	Slurry Vol: 5.70 (tonne)	Water Vol: 3.1 (m <sup>3</sup> )	Other Vol: (m <sup>3</sup> )
			Foam Job: N

#### Test Data

	Time	Temp	Pressure
Thickening Time:	Temperature: (°C)	Compressive Strength 1: (°C)	(kPa)
Free Water: (%)	Temperature: (°C)	Compressive Strength 2: (°C)	(kPa)
Fluid Loss: (mL)	Temperature: (°C)		
Fluid Loss Pressure: (kPa)			

#### Casing Test

#### Shoe Test

#### Liner Top Test

Test Press: (kPa)	Pressure: (kg/m <sup>3</sup> )	Liner Lap:
For: (min)	Tool:	Pos Test: (kg/m <sup>3</sup> ) Tool:
Cement Found between	Open Hole: (m)	Neg Test: (kg/m <sup>3</sup> ) Tool:
Shoe and Collar:	Hrs Before Test:	Hrs Before Test:
		Cement Found on Tool:

### Log/Survey Evaluation

### Interpretation Summary

CBL Run:	Cement Top: (m)
Under Pressure: (kPa)	How Determined:
Bond Quality:	TOC Sufficient:
Cet Run:	Job Rating:
Bond Quality:	If Unsuccessful Detection Indicator:
Temp Survey:	Remedial Cementing Required:
Hrs Prior to Log:	Number of Remedial Squeezes:

## Cementing Report

Legal Well Name: DEVON EAGLE PLAINS K-58      Spud Date: 02/02/2005  
 Common Well Name: DEVON EAGLE PLAINS K-58      Report #: 4      Report Date: 03/04/2005  
 Event Name: ORIG DRILLING      Start: 02/08/2005      End:

### Cement Job Type: Primary

Primary	Squeeze Open Hole	Squeeze Casing	Plug
Hole Size: 311.0 (mm)	Hole Size:	Hole Size:	Hole Size:
TMD Set: 362.0 (m)	SQ TMD: (m)	TMD Set:	Top Set: (m)
Date Set: 03/04/2005	SQ Date:	Date Set:	BTM set: (m)
Csg Type: SURFACE CASING	SQ Type:	Csg Type:	Plug Date:
Csg Size: 244.5 (mm)		SQ TMD:	Plug Type:
		SQ Date:	Drilled Out:
Cmtd. Csg: SURFACE CASING	Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg:

Cement Co: SANJEL      Cementer: MURRAY SMALL      Pipe Movement: RECIPROCATING

### Pipe Movement

Rot Time Start: :      Time End: :      RPM:      Init Torque: (N-m)      Avg Torque: (N-m)      Max Torque: (N-m)  
 Rec Time Start: 08:30      Time End: 12:30      SPM: 3      Stroke Length: 2.0 (m)      Drag Up: 3,000 (daN)      Drag Down: 2,000 (daN)

### Stage No: 1 of 2

Type: STAGE #1	Start Mix Cmt: 11:00	Disp Avg Rate: 0.80 (m³/min)	Returns: 1 m3 GLACIAL
Volume Excess %: 100.00	Start Slurry Displ: 12:30	Disp Max Rate: 1.00 (m³/min)	Total Mud Lost: (m³)
Meas. From: GAUGE	Start Displ: :	Bump Plug: N	Cmt Vol to Surf: 1.00 (m³)
Time Circ Prior	End Pumping: 13:00	Press Prior: (kPa)	
To Cementing: 2.25	End Pump Date: 03/04/2005	Press Bumped: (kPa)	Ann Flow After: Y
Mud Circ Rate: 1.20 (m³/min)	Top Plug: N	Press Held: (min)	Mixing Method: JET
Mud Circ Press: 1,500 (kPa)	Bottom Plug: N	Float Held: Y	Density Meas By: SCALE

### Mud Data

Type: GEL CHEM Density: 1,170 (kg/m³) Visc: 53 (s/l)      PV/YP: 15.0 (mPa\*s)/5.0 (Pa) Gels 10 sec: 5.0 (Pa) Gels 10 min: 11.5 (Pa)  
 Bottom Hole Circulating Temperature: 5 (°C)      Bottom Hole Static Temperature: 10 (°C)  
 Displacement Fluid Type: FRESH WATER      Density: 1,000 (kg/m³)      Volume: 9.50 (m³)

### Stage No: 1 Slurry No: 1 of 1

#### Slurry Data

Fluid Type: LEAD #1	Description: ARCTIC SET	Class: CLASS G	Purpose: SURFACE CA
Slurry Interval: (m)      To: 100.0 (m)	Cmt Vol: 5.8 (m³)	Density: 1,885 (kg/m³)	Yield: 0.75 (m³/t)
Water Source: EAGLE RIVER	Slurry Vol: 7.70 (tonne)	Water Vol: 3.2 (m³)	Other Vol: (m³)
			Foam Job: N

#### Test Data

	Time	Temp	Pressure
Thickening Time: 9.48	Temperature: 5 (°C)	Compressive Strength 1: 5 (°C)	(kPa)
Free Water: (%)	Temperature: 5 (°C)	Compressive Strength 2: 24.00	5 (°C)      2,900 (kPa)
Fluid Loss: (mL)	Temperature: 5 (°C)		
Fluid Loss Pressure: (kPa)			

## Cementing Report

Legal Well Name: DEVON EAGLE PLAINS K-58	Report #: 4	Spud Date: 02/02/2005
Common Well Name: DEVON EAGLE PLAINS K-58	Start: 02/08/2005	Report Date: 03/04/2005
Event Name: ORIG DRILLING	End:	

### Stage No: 1 Slurry No: 1 of 1 - Additives

Trade Name	Type	Concentration	Units	Liquid Conc.	Units
GCR-2	RETARDER	0.20	%		
LCC-1	LCM	3.00	%		

### Stage No: 2 of 2

Type: STAGE #2	Start Mix Cmt: 11:00	Disp Avg Rate: 0.80 (m <sup>3</sup> /min)	Returns: 0m3
Volume Excess %: 100.00	Start Slurry Displ: 12:30	Disp Max Rate: 1.00 (m <sup>3</sup> /min)	Total Mud Lost: (m <sup>3</sup> )
Meas. From: GAUGE	Start Displ: :	Bump Plug: N	Cmt Vol to Surf: (m <sup>3</sup> )
Time Circ Prior	End Pumping: 13:00	Press Prior: (kPa)	
To Cementing: 2.25	End Pump Date: 03/04/2005	Press Bumped: (kPa)	Ann Flow After: Y
Mud Circ Rate: 1.20 (m <sup>3</sup> /min)	Top Plug: N	Press Held: (min)	Mixing Method: JET
Mud Circ Press: 1,500 (kPa)	Bottom Plug: N	Float Held: Y	Density Meas By: SCALE

### Mud Data

Type: GEL CHEM Density: 1,170 (kg/m<sup>3</sup>) Visc: 52 (s/l) PV/YP: 15.0 (mPa\*s)/5.0 (Pa) Gels 10 sec: 5.0 (Pa) Gels 10 min: 11.5 (Pa)  
 Bottom Hole Circulating Temperature: 5 (°C) Bottom Hole Static Temperature: 10 (°C)  
 Displacement Fluid Type: FRESH WATER Density: 1,000 (kg/m<sup>3</sup>) Volume: 9.50 (m<sup>3</sup>)

### Stage No: 2 Slurry No: 1 of 1

#### Slurry Data

Fluid Type: TAIL	Description: EXPANDOMIX	Class: CLASS G	Purpose: SURFACE CA
Slurry Interval: 100.0 (m) To: 362.0 (m)	Cmt Vol: 13.6 (m <sup>3</sup> )	Density: 1,770 (kg/m <sup>3</sup> )	Yield: 0.88 (m <sup>3</sup> /t)
Water Source: EAGLE RIVER	Slurry Vol: 15.50 (tonne)	Water Vol: 8.5 (m <sup>3</sup> )	Other Vol: (m <sup>3</sup> )
			Foam Job: N

#### Test Data

	Time	Temp	Pressure
Thickening Time: 6.20	Temperature: 10 (°C)	Compressive Strength 1: 16.00	10 (°C)
Free Water: (%)	Temperature: 10 (°C)	Compressive Strength 2: 48.00	10 (°C)
Fluid Loss: 16 (mL)	Temperature: 10 (°C)		5,600 (kPa)
Fluid Loss Pressure: (kPa)			

### Stage No: 2 Slurry No: 1 of 1 - Additives

Trade Name	Type	Concentration	Units	Liquid Conc.	Units
CACL2	ACCELERATOR	2.00	%		
LCC-1	LCM	3.00	%		



**Cementing Report**

Legal Well Name: DEVON EAGLE PLAINS K-58 Spud Date: 02/02/2005  
 Common Well Name: DEVON EAGLE PLAINS K-58 Report #: 4 Report Date: 03/04/2005  
 Event Name: ORIG DRILLING Start: 02/08/2005 End:

**Casing Test****Shoe Test****Liner Top Test**

Test Press: 16,000 (kPa)  
 For: 15 (min)  
 Cement Found between  
 Shoe and Collar: Y

Pressure: (kg/m<sup>3</sup>)  
 Tool: N  
 Open Hole: (m)  
 Hrs Before Test:

Liner Lap:  
 Pos Test: (kg/m<sup>3</sup>) Tool: N  
 Neg Test: (kg/m<sup>3</sup>) Tool: N  
 Hrs Before Test:  
 Cement Found on Tool: N

**Log/Survey Evaluation****Interpretation Summary**

CBL Run: N  
 Under Pressure: (kPa)  
 Bond Quality:  
 Cet Run: N  
 Bond Quality:  
 Temp Survey: N  
 Hrs Prior to Log:

Cement Top: (m)  
 How Determined: FELT  
 TOC Sufficient: Y  
 Job Rating:  
 If Unsuccessful Detection Indicator:  
 Remedial Cementing Required: N  
 Number of Remedial Squeezes:

**Remarks**

MIXED A DYE INTO THE 3 m3 PREFLUSH  
 WHEN DYE WAS OBSERVED AT SHAKER, MIXING WAS STOPPED 2 tonne SHORT ON THE TAIL CEMENT. DISPLACEMENT  
 WAS STARTED AND RETURN DENSITYS WERE TAKEN UNTIL DENSITY AT SHAKER WAS 1650 kg/m3. TOTAL DISPLACEMENT  
 WAS 9.5m3 OF A TOTAL CALCULATED OF 14.1 m3