

SUNCOR INC. RESOURCES GROUP DAILY DRILLING REPORT

Drilling Report At Midnight

D.F.S. 9P

1. Date 99-02-06 Well Name Suncor Netla K-77-60-50-122-30 Contractor / Rig AKITA DRILLING LTD./58

2. Depth (m) _____ Operation Pre Spud Meeting Progress (m) _____

Ground Elevation 618.40 (m) KB to GL 6.80 (m) KB to CF 825.20 (m) KB Elev. 825.20 (m)

3. Mud Type	WT	Vis	W.L	pH	PV	YP	Solids	Gels	Fill Cake	Polymen
4. BR No	Size (mm)	Type	Serial No	Jets	Out (m)	Drilled (m)	Hours	ROP (m/hr)	Force/RPM	Cond

5. Assembly: _____

6. Surveys: _____

8. S.P.M.	Size	Stroke	Pressure	Annular Velocities
		254.0		D.P. m/min D.C. m/min
		254.0		R.S.P.P. kPa @ SPM

9. B.O.P. Check Last Drill Incident Last Rig Insp. 99-02-06

Personnel: Total 33 Rig 14 Service 16 Suncor 3 Other 0

10. Time Breakdowns - Hours

Drilling	0	Directional	0	Rig Service	0	Reaming	0	Coring	0
Tripping	0	Cond. Mud	0	Rig Repairs	0	Run Casing	0	W.O.C	0
Circulate	0	Survey	0	BOP Drill	0	D.S.T.	0	Fishing	0
Logging	0	Slip & Cut	0	Cementing	0	Rig up/down	24	Others	0

11. Cost Day \$ 15,333 Cumulative \$ 453,298 AFE \$ 2,042,430 AFE # A9811680K77

12. Operation Summary

FROM	TO	HOURS	CODE	SUB	C	OPERATIONS
00:00	00:00	24.00	1	a	PP	Rig in top drive. Install diverter system. Remodled flow nipple and relief line. Prespud meeting with all personal on location.

13. Foreman in Charge L.Brazel / P. Miller 220-9479Weather Lt. Snow - 20c

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SUNCOR INC. RESOURCES GROUP **DAILY DRILLING REPORT**

Drilling Report At Midnight

D.F.S. 8P

1. Date	99-02-05	Well Name	Suncor Netla K-77-60-50-122-30	Contractor / Rig	AKITA DRILLING LTD./58
2. Depth (m)		Operation	Rigging to spud.	Progress	(m)
Ground Elevation	818.40 (m)	KB to GL	6.80 (m)	KB to CF	625.20 (m)
		KB Elev.	625.20 (m)		
3. Mud Type	WT	Vis	WT	pH	PV
4. Solids	Gels	Filt. Cake	Polymer		
5. Bit No.	Size (mm)	Type	Serial No.	Jets	Out (m)
6. Assembly:					
7. Surveys:					
8. S.P.M.	Size	Stroke	Pressure	Annular Velocities	
		254.0		D.P.	m/min D.C.
		254.0		R.S.P.P	kPa @ SPM
9. B.O.P. Check	Last Drill		Incident		Last Rig Insp.
Personnel:	Total	46	Rig	25	Service
				18	Suncor
				3	Other
					0
10. Time Breakdowns - Hours					
Drilling	0	Directional	0	Rig Service	0
Tripping	0	Cond. Mud	0	Rig Repairs	0
Circulate	0	Survey	0	SCP Drill	0
Logging	0	Slip & Cut	0	Cementing	0
				Rig up/down	16
				Others	8
11. Cost Day \$	27,962	Cumulative \$	437,965	AFE \$	2,042,430
				AFE #	A9811680K77
12. Operation Summary					
FROM	TO	HOURS	CODE	SUB	C
08:00	00:00	16.00	1	a	PP
Rig to spud including rigging in Tesco Top Drive, weld on adapter flange for diverter system and continue rigging to spud. Put up Prefabs, nipple up diverter system					

13. Foreman in Charge L.Brazel / P. Miller 220-9479

Weather Lt. Snow - 22 c

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SUNCOR INC. RESOURCES GROUP DAILY DRILLING REPORT

Drilling Report At Midnight

D.F.S. 7P

1. Date 99-02-04 Well Name Suncor Netle K-77-80-50-122-30 Contractor / Rig AKITA DRILLING LTD./58

2. Depth (m) Operation Rig to spud (SDFN) Progress (m)

Ground Elevation 618.40 (m) KB to GL 6.80 (m) KB to CF 625.20 (m) KB Elev. 625.20 (m)

3.	Mud Type	Wt.	Vis.	W.L.	pH	PV	YP	Solids	Gels	Filt. Cake	Polymer
4.											
5.	Bit No.	Size (mm)	Type	Serial No.	Jets	Out (m)	Drilled (m)	Hours	ROP (m/hr)	Force/RPM	Cond.

6. Assembly:

7. Surveys:

8.	S.P.M.	Size	Stroke	Pressure	Annular Velocities		
			254.0		D.P.	m/min	D.C.
			254.0		R.S.P.P	kPa	@ SPM

9. B.O.P. Check Last Drill Incident Last Rig Insp.

Personnel: Total 34 Rig 14 Service 17 Suncor 3 Other 0

10. Time Breakdowns - Hours

Drilling	0	Directional	0	Rig Service	0	Reaming	0	Coring	0
Tripping	0	Cond. Mud	0	Rig Repairs	0	Run Casing	0	W.O.C.	0
Circulation	0	Survey	0	BOP Drill	0	D.S.T.	0	Fishing	0
Logging	0	Slip & Cut	0	Cementing	0	Rig up/down	16	Others	8

11. Cost Day \$ 22,428 Cumulative \$ 410,003 AFE \$ 2,042,430 AFE # A9811680X77

12. Operation Summary

FROM	TO	HOURS	CODE	SUB	C	OPERATIONS
08:00	00:00	16.00	1	a	PP	Rigged up to raise derrick. Derrick inspected and raised. Boiler fired up 1000 hours. Water lines in drawworks removed and repaired due to damage on the rig move.

13. Foreman in Charge L. Brazel / P. Miller 220-9479

Weather Snowing -30 -26

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SUNCOR INC. RESOURCES GROUP

DAILY DRILLING REPORT

Drilling Report At Midnight

D.F.S. 6P

1. Date 99-02-03 Well Name Suncor Netla K-77-60-50-122-30 Contractor / Rig AKITA DRILLING LTD./58

2. Depth (m) Operation Rigging to spud (SDFN) Progress (m)

Ground Elevation 618.40 (m) KB to GL 6.80 (m) KB to CF 625.20 (m) KB Elev. 625.20 (m)

Mod Type	WL	Via	W.L.	pH	PV	YP	Solids	Gels	Fill Cake	Polymer

4.

Bit No.	Size (mm)	Type	Serial No.	Jets	Out (m)	Drilled (m)	Hours	ROP (m/Hr)	Force/RPM	Cond.

6. Assembly:

7. Surveys:

S.P.M.	Size	Stroke	Pressure	Annular Velocities
		254.0		D.P. m/min D.C. m/min
		254.0		R.S.P.P. kPa @ SPM

9. B.O.P. Check Last Drill Incident Last Rig Insp.

Personnel:	Total	31	Rig	15	Service	13	Suncor	3	Other	0

10. Time Breakdowns - Hours

Drilling	0	Directional	0	Rig Service	0	Reaming	0	Coring	0
Tripping	0	Cond. Mud	0	Rig Repairs	0	Run Casing	0	W.O.C.	0
Circulate	0	Survey	0	BOP Drill	0	D.S.T.	0	Fishing	0
Logging	0	Slip & Cut	0	Cementing	0	Rig up/down	16	Others	8

Cost Day \$ 49,205 Cumulative \$ 387,575 AFE \$ 2,042,430 AFE # A9811680K17

12. Operation Summary

FROM	TO	HOURS	CODE	SUB	C	OPERATIONS
08:00	00:00	16.00	1	a	PP	Rigged up with Mullen until 13:00 hrs. Crane & trucks released at this time. Rig up rig , cold start generator fired up string power cords and hook up lines and start putting up prefabs.

13. Foreman in Charge L. Brazel / P. Miller 220-9479Weather Windy -30 -26

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SUNCOR INC. RESOURCES GROUP DAILY DRILLING REPORT

Drilling Report At Midnight

D.F.S. 5P

1.	Date	99-02-02	Well Name	Suncor Netla K-77-60-50-122-30			Contractor / Rig	AKITA DRILLING LTD./56														
2.	Depth (m)		Operation	Rigging to spud (SDFN)			Progress	(m)														
	Ground Elevation	618.40 (m)	KB to GL	6.80 (m)	KB to CF	625.20 (m)	KB Elev.	625.20 (m)														
3.	Mud Type		Wt		Vis		W.L.		pH		PV		YP		Solids		Gels		Filt. Cake		Polymer	
4.																						
5.	Bit No.		Size (mm)		Type		Serial No.		Jets		Out (m)		Drilled (m)		Hours		ROP (m/Hr)		Force/RPM		Cond.	
6.	Assembly:																					
7.	Surveys:																					
8.	S.P.M.		Size		Stroke		Pressure		Annular Velocities													
					254.0				D.P.		m/min		D.C.		m/min							
									R.S.P.P		kPa		@		SPM							
9.	B.O.P. Check		Last Drill		Incident		Last Rig Insp.															
	Personnel:	Total	34	Rig	11	Service	21	Suncor	2	Other	0											
10.	Time Breakdowns - Hours																					
	Drilling	0	Directional	0	Rig Service	0	Reaming	0	Coring	0												
	Tripping	0	Cond. Mud	0	Rig Repairs	0	Run Casing	0	W.O.C	0												
	Circulate	0	Survey	0	BOP Drill	0	D.S.T	0	Fishing	0												
	Logging	0	Slip & Cut	0	Cementing	0	Rig up/down	10	Others	14												
11.	Cost: Day \$		246,717		Cumulative \$		338,370		AFE \$		2,042,430		AFE #		A9811680K77							
12.	Operation Summary																					
	FROM	TO	HOURS	CODE	SUB	C	OPERATIONS															
	08:00	18:00	10.00	1	a	PP	Rig up drilling equipment and unload pipe trucks															

13. Foreman In Charge L.Brazel / P. Miller 220-9479

Weather Clear -30 -26

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SUNCOR INC. RESOURCES GROUP DAILY DRILLING REPORT

Drilling Report At Midnight

D.F.S. 4P

1. Date 99-02-01 Well Name Suncor Netta K-77-60-50-122-30 Contractor / Rig AKITA DRILLING LTD./58

2. Depth (m) Operation Rigging Up equipment (SDFN) Progress (m)

Ground Elevation 618.40 (m) KB to GL 8.80 (m) KB to CF 825.20 (m) KB Elev. 826.20 (m)

3. Mud Type	WT	Vis	W.L	pH	PV	YP	Solids	Gels	Filt. Cake	Polymer

4. Bit No.	Size (mm)	Type	Serial No.	Jets	Out (m)	Drilled (m)	Hours	ROP (m/Hr)	Force/RPM	Cond.

5. Assembly:

6. Surveys:

8. S.P.M.	Size	Stroke	Pressure	Annular Velocities
		254.0		D.P. m/min D.C. m/min
			R.S.P.P. kPa @	SPM

9. S.O.P. Check Last Drill Incident Last Rig Insp.

Personnel: Total 21 Rig 11 Service 9 Suncor 1 Other 0

10. Time Breakdowns - Hours

Drilling	0	Directional	0	Rig Service	0	Reaming	0	Coring	0
Tripping	0	Cond. Mud	0	Rig Repairs	0	Run Casing	0	W.O.C.	0
Circulate	0	Survey	0	BOP Drill	0	D.S.T.	0	Fishing	0
Logging	0	Slip & Cut	0	Cementing	0	Rig Up/down	10	Others	14

Cost Day \$ 15,768 Cumulative \$ 91,653 AFE \$ 2,042,430 AFE # A9811680K77

12. Operation Summary

FROM	TO	HOURS	CODE	SUB	C	OPERATIONS
08:00	18:00	10.00	23	d	PP	Move Akita #58 onto location, spot matting, build sub and pin derrick. Unloading loads on location. 95% of rig on location, drill pipe yet to arrive. Note: camp was turned over to drilling from seismic operation 99-02-01

13. Foreman in Charge L. Brazel 220-9479Weather Clear -30 -26

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SUNCOR INC. RESOURCES GROUP **DAILY DRILLING REPORT**

Drilling Report At Midnight

D.F.S. 3P

1. Date 99-01-31 Well Name Suncor Netla K-77-60-50-122-30 Contractor / Rig AKITA DRILLING LTD./58

2. Depth (m) Operation Move & Rig up (SDFN) Progress (m)

Ground Elevation 618.40 (m) KB to GL 6.80 (m) KB to CF 625.20 (m) KB Elev. 625.20 (m)

3. Mod Type	WI	Vis	W.L	pH	PV	YP	Solids	Gels	Filt. Cake	Polymer
4. Bit No.	Size (mm)	Type	Serial No.	Jets	Out (m)	Drilled (m)	Hours	ROP (m/Hr)	Force/RPM	Cond

6. Assembly:

7. Surveys:

8. S.P.M.	Size	Stroke	Pressure	Annular Velocities
		254.0		D.P. m/min D.C. m/min
				R.S.P.P. kPa @ SPM

9. B.O.P. Check Last Drill Incident Last Rig Insp.

Personnel Total 33 Rig 11 Service 21 Suncor 1 Other 0

10. Time Breakdowns - Hours

Drilling	0	Directional	0	Rig Service	0	Reaming	0	Coring	0
Tripping	0	Cond. Mud	0	Rig Repairs	0	Run Casing	0	W.O.C.	0
Circulate	0	Survey	0	BOP Drill	0	D.S.T.	0	Fishing	0
Logging	0	Slip & Cut	0	Cementing	0	Rig up/down	10	Others	14

11. Cost Day \$ 67,861 Cumulative \$ 75,885 AFE \$ 2,042,430 AFE # A9811680K77

12. Operation Summary

FROM	TO	HOURS	CODE	SUB	C	OPERATIONS
08:00	18:00	10.00	23	d	PP	Move Akita #58 onto Netla K-77 location and unload trucks, 70% of rig on location. Rig crews had trouble flying to location due to bad weather and mechanical problems, arrived on location at 18:00 hrs. Prejob safety and procedure meeting held with Akita #58 crews and Mullen trucking this evening in camp.

13. Foreman in Charge L. Brazel 220-9479

Weather Overcast -30 -25

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SUNCOR INC. RESOURCES GROUP DAILY DRILLING REPORT

Drilling Report At Midnight

D.F.S. 2P

1. Date 99-01-30 Well Name Suncor Netla K-77-60-60-122-30 Contractor / Rig AKITA DRILLING LTD./58

2. Depth (m) Operation Move Rig (SDFN) Progress (m)

Ground Elevation 618.40 (m) KB to GL 6.80 (m) KB to CF 625.20 (m) KB Elev. 625.20 (m)

Mod Type	Wt	Via	W.L	pH	PV	YP	Solids	Gels	Fit. Cake	Polymer
Bit No.	Size (mm)	Type	Serial No.	Jets	Out (m)	Drilled (m)	Hours	ROP (m/hr)	Force/RPM	Cond.

6. Assembly:

7. Surveys:

S.P.M.	Size	Stroke	Pressure	Annular Velocities
		254.0		D.P. m/min D.C. m/min
				R.S.P.P. kPa @ SPM

9. B.O.P. Check Last Drill Incident Last Rig Insp.

Personnel: Total 1 Rig 0 Service 0 Suncor 1 Other 0

10. Time Breakdowns - Hours

Drilling	0	Directional	0	Rig Service	0	Reaming	0	Coring	0
Tripping	0	Cond. Mud	0	Rig Repairs	0	Run Casing	0	W.O.C.	0
Circulate	0	Survey	0	BOP Drill	0	D.S.T	0	Fishing	0
Logging	0	Slip & Cut	0	Cementing	0	Rig up/down	10	Others	14

11. Cost Day \$ 6,799 Cumulative \$ 8,024 AFE \$ 2,042,430 AFE # A9811680K77

12. Operation Summary

FROM	TO	HOURS	CODE	SUB	C	OPERATIONS
08:00	18:00	10.00	23	d	PP	Load out Akita #58 at Chetwin and move loads to Netla K-77 location. (SDFN). I ducharme wellsite and aprox 8 rig loads unloaded on location

13. Foreman In Charge L. Brazel 220-9479Weather Overcast -30 -25

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SUNCOR INC. RESOURCES GROUP DAILY DRILLING REPORT

Drilling Report At Midnight

D.F.S. 1P

1.	Date	99-01-29	Well Name	Suncor Netla K-77-80-50-122-30			Contractor / Rig	AKITA DRILLING LTD./58		
2.	Depth	(m)	Operation	Move Rig (SDFN)			Progress	(m)		
	Ground Elevation	618.40 (m)	KB to GL	8.80 (m)	KB to CF	825.20 (m)	KB Elev.	825.20 (m)		
3.	Mud Type		Wt.		Vis.		W.L.		pH	
4.										
5.	Bit No.		Size (mm)		Type		Serial No.		Jets	
6.	Assembly:									
7.	Surveys:									
8.	S.P.M.		Size		Stroke		Pressure		Annular Velocities	
					254.0				D.P.	m/min
									R.S.P.P	kPa
9.	B.O.P. Check			Last Drill			Incident			Last Rig Insp.
	Personnel:	Total	1	Rig	0	Service	0	Suncor	1	Other
10.	Time Breakdowns - Hours									
	Drilling	0	Directional	0	Rig Service	0	Reaming	0	Coring	0
	Tripping	0	Cond. Mud	0	Rig Repairs	0	Run Casing	0	W.O.C.	0
	Circulate	0	Survey	0	BOP Drill	0	D.S.T.	0	Fishing	0
	Logging	0	Slip & Cut	0	Cementing	0	Rig up/down	10	Others	14
11.	Cost Day \$	1,225	Cumulative \$	1,225	AFE \$	2,042,430	AFE #	A9811680K77		
12.	Operation Summary									
	FROM	TO	HOURS	CODE	SUB	C	OPERATIONS			
	08:00	18:00	10.00	23	d	PP	Load out Akita #58 at Chetwin BC with Mullen Trucking and start move towards Netla Location. No loads @ location at dark (SDFN)			

13. Foreman in Charge L.Brazel 220-9479

Weather Overcast -30 -25

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