

Chevron Canada Resources



PRODUCTION TOUR REPORT

Well Name: Chevron et al McKav Lakes Q-80WBSE# RWWNC - R9013 - 500 (well completion)LSD : Q-80 (within grid area 60° 20' 123° 15')Date : September 13, 1999Day Number : 4

DAY	CREW	FROM	TO	TIME SUMMARY			
				Today	Cumulative		
D R I L L E R	Driller						
	Derrick						
	Derrick						
	Motorman						
	Floor						
	Floor						
	Lease						
	Account Pres.						
	Air Shut Off						
	Slab Valve						
N I G H T	Fire Ext.						
	H2S						
	Driller						
	Derrick						
	Derrick						
	Motorman						
	Floor						
	Floor						
	BCP						
	Account Pres.						
C R E W	Air Shut Off						
	Slab Valve						
	Fire Ext.						

PP&E Summary:

Near miss incidents - none to report

Spills or emissions - none to report

Today	Cumulative		
Tangible	\$50,355		
Intangible	\$23,341	\$184,791	
Total	\$235,146		
Akita Drilling Rig #46		Ray Coleman	
RIG OR CONTRACTOR		CONTRACTOR REP.	

OBJECTIVE: Complete well as Mattson sand water disposal well

DETAILS: Day #2 injectivity test.

Continue injectivity test day with Akita 48 rig pump pumping filtered fresh water at 209 m3/day. Injection pressure steady at 6800 kPa. Lee Tool pressure recorders landed on bottom to record bottom hole injection pressure.

Conclude injection test at 05:20 hours. Shut well in.

Secure well - will retrieve pressure gauges after pressure falloff complete.

Time	Cumulative Hours	Cumulative Water Injected M3	Tubing Pressure kPa
1:00	41	344.4	6810
2:00	42	352.8	6790
3:00	43	361.2	6780
4:00	44	369.6	6780
5:00	45	378.0	6780
5:20	46	386.4	6770

Company Representative : Curtis Triomphe / Paul Guin

TOTAL P.03

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PRODUCTION TOUR REPORT



Well Name: Chevron etal McKay Lakes O-80
WBSE# RWWNC - R9013 - 500 (well completion)

LSD : O-80 (within grid area 60° 15' 123° 15')
Date : September 12, 1999
Day Number : 3

DAY	CREW	FROM	TO	TIME SUMMARY			
DAY CREW	Driller						
	Derrick						
	Derrick						
	Motorman						
	Floor						
	Floor						
	Lease						
	Accum Press.						
	Air Shut Off						
	Stab Valve						
	Fire Ext.						
	HQS						
NIGHT CREW	Driller						
	Derrick						
	Derrick						
	Motorman						
	Floor						
	Floor						
	SOP						
	Accum Press.						
	Air Shut Off						
	Stab Valve						
	Fire Ext.						
				PP&E Summary:			
				Near miss incidents - none to report			
				Spills or emissions - none to report			
				Today	Cummulative		
				Tangible	\$13,855		
				Intangible	\$100,021		
				Total	\$113,876		
				Akita Drilling Rig #48		Ray Coleman	
				RIG OR CONTRACTOR		CONTRACTOR REP.	

JOB OBJECTIVE:

Complete well as Mattson sand water disposal well

DETAILS:

Day #2 injectivity test.

Continue injectivity test day #2 with Akita 48 rig pump pumping filtered fresh water at 209 m3/day. Injection pressure steady at 6800 kPa. Lee Tool pressure recorders landed on bottom to record bottom hole injection pressure.

Company Representative : _____

Curtis Triomphe / Jeff Newhook / Paul Gouin

Chevron Canada Resources



PRODUCTION TOUR REPORT

Well Name: Chevron etal McKay Lakes O-80LSD: O-80 (within grid area 60° 15' 123° 15')WBSES: RWWNC - R9013 - 500 (well completion)Date: September 11, 1999Day Number: 2

DAY	CREW	FROM	TO	TIME SUMMARY			
				Today	Cummulative		
D A Y C R E W	Driller			PP&E Summary: Near miss incidents - none to report Spills or emissions - none to report			
	Derrick						
	Derrick						
	Motorman						
	Floor						
	Floor						
	Lease						
	Accum Press.						
	Air Shut Off						
	Stop Valve						
	Fire Ext.						
N I G H T C R E W	H2S						
	Driller						
	Derrick						
	Derrick						
	Motorman						
	Floor						
	Floor						
	BOP						
	Accum Press.						
	Air Shut Off						
	Stop Valve						
	Fire Ext.						
				Tangible		\$13,855	
				Intangible		\$100,021	
				Total		\$113,876	
				Akita Drilling Rig #48		Ray Coleman	
				RIG OR CONTRACTOR		CONTRACTOR REP.	

JOB OBJECTIVE: Complete well as Mattson sand water disposal well

DETAILS: Day #1 injectivity test.

Rig out Lee Tool slickline unit - pressure gauges landed on top of nogo on top of Otis XN nipple at tubing bottom.

Hook up Akita Rig 48 standpipe valve (in rig substructure) to wellhead wing valve with Dowell cementing iron.

Bring Akita 48 rig pump on line pumping filtered fresh water at 0.20 m3/minute. Injection pressure increased sharply to 7500 kPa - and climbing. Decreased injection rate to 0.145 m3 / min (209 m3 per day injection rate). Pressure leveled at 7000 kPa. All pumping parameters recorded on Pason Drilling Recorder system.

Company Representative :
Curtis Triomphe / Jeff Newhook / Paul Gouin

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PRODUCTION TOUR REPORT

Well Name: Chevron et al McKay Lakes O-80
WBSE# RWWNC - R9013 - 500 (well completion)LSD: O-80 (within grid area 60° 15' 123° 15')

Date: September 10, 1999

Day Number: 2

DAY	CREW	FROM	TO	TIME SUMMARY			
				Today	Cumulative		
DAY CREW	Driver						
	Derrick						
	Derrick						
	Motorman						
	Floor						
	Floor						
	Lease						
	Accum Press.						
	Air Shut Off						
	Slab Valve						
NIGHT CREW	Fire Ext.						
	WCE						
	Driver						
	Derrick						
	Derrick						
	Motorman						
	Floor						
	Floor						
	BOP						
	Accum Press.						
	Air Shut Off						
	Slab Valve						
	Fire Ext.						
PP&E Summary:							
Near miss incidents - none to report							
Spills or emissions - none to report							
Tangible					\$13,855		
Intangible				\$45,501	\$100,021		
Total					\$155,876		
Akita Drilling Rig #48				Ray Coleman			
RIG OR CONTRACTOR				CONTRACTOR REP.			

JOB OBJECTIVE: Complete well as Mattson sand water disposal well

DETAILS: Lay down 88.9 mm drill pipe. Run injection packer and 88.9 mm tubing.
Run Lee Tool LMR gauges to record injection test transient pressures.

Continue to POOH laying down 88.9 mm drill pipe.

Pick up handling equipment and power tongs for 88.9 mm 13.84 kg/m J55 EUE MMS Tuboscope TK99 injection tubing string.
Make up and run in hole as follows:

	Length	Depth
Guiberson reentry sub 88.9 mm EUE box	0.15	493.50
Otis XN nipple 69.85 mm profile (w/ 66.93 mm nogo) Impregon 222 coated	0.45	493.05
1 ft 88.9 mm 13.84 kg/m J55 EUE MSS tubing Tuboscope TK-99 internally coated	9.64	
177.6 mm x 88.9 mm Guiberson G6 retrievable packer Impregon 222 coated	1.38	482.05
177.6 mm x 88.9 mm Guiberson on off tool (with 71.45 mm X profile)	0.72	481.33
48 Jts 88.9 mm 13.84 kg/m J55 EUE MSS tubing Tuboscope TK-99 internally coated	459.92	
88.9 mm 13.84 kg/m J55 EUE MSS pup joint Tuboscope TK-99 internally coated	3.05	
88.9 mm 13.84 kg/m J55 EUE MSS pup joint Tuboscope TK-99 internally coated	1.22	
1 ft 88.9 mm 13.84 kg/m J55 EUE MSS tubing Tuboscope TK-99 internally coated	9.64	
88.9 mm 13.84 kg/m J55 EUE MSS pup joint Tuboscope TK-99 internally coated	0.81	
Barber tubing hanger UT3 PN 20810455 SN 36008-001	0.25	
Impregon 222 coated 88.9 mm EUE TH and suspension threads 88.9 mm seal nipple & pressure run off threads		
Total Length	487.01	
KB to TSF	6.74	
less squat due to compression 5000 dN	-0.10	
Landed Depth	493.65	

Run packer assembly in hole to setting depth. Circulate wellbore over to inhibited 1070 kg/m³ NaCl kill fluid (with Baker MEP 426 corrosion inhibitor at 1.0 % concentration).

Rotate tubing assembly to the right to set Guiberson G6 packer. Land packer in 5000 dN compression. Pressure test annulus to 1400 kPa low / 21000 kPa high with Falcon Pressure Test unit for 20 minutes - OK.

Nipple down Akita BOP assembly. Make up Barber wellhead top section assembly. Pressure test seal nipple (screwed into tubing hanger lift threads) to 35000 kPa - OK.

Move to location Lee Tool slickline equipment. Rig up onto wellhead. Make up and run in hole 89.3 mm OD finned dart - land on top of Otis XN nipple at 493.05 mKB. Make up Lee Tool LMR quartz pressure gauges (2 recorders); clocks started at 23:20 hours bottom and 23:24 hours top. Run pressure gauges in hole - land on top of finned dart at 493.05 mKB. Recorders on bottom at 00:08 hours Saturday September 11 1999.

Rig in Akita 48 rig pump / stand pipe valve to wellhead wing valve with Dowell frac iron. Ready for 48 hour injection test.

Company Representative :
Curtis Triomphe / Jeff Newhook / Paul Gouin