

PRODUCTION TOUR REPORT

Well Name: Chevron et al McKay Lakes

WBSE#

LSD : O-80Date : September 4, 2002Day Number : 1

D A Y	Crew	From	To	TIME SUMMARY		
				Logging Operations Summary:		
D	Driller			- Tagged obstruction at 569 mKB (TD is at 1028 mKB), tagged obstruction last year at 911 mKB		
A	Derrick			- > 95 % flow is between 503 m - 516 m		
Y	Derrick			- < 5% flow between 516m - 525 m		
C	Motorman			- TSTM flow below 525 m observed only with RA Tracer shots		
R	Floor			- no flow upwards behind casing shoe		
E	Floor					
W	Lease					
N	Accum Press.					
I	Air Shut Off					
G	Stab Valve					
H	Fire Ext.					
T	H2S					
C	Driller					
R	Derrick					
E	Motorman					
W	Floor					
	Floor					
	BOP			Today	Cumulative	
	Tangible					
	Intangible					
	Total					
		Schlumberger Max Pro			Glen Doan	
		RIG OR CONTRACTOR				CONTRACTOR REP.

JOB OBJECTIVE:

Perform An Injection Profile Log

DAILY OBJECTIVE:

Log well

DETAILS:**Rate # 2 (300 m3/day)**

Decrease injection rate to 300 m3/d : BHP after 15 mins injection at 2nd rate at 550 mKB = 12,304 kpa, BHT = 13.0 C, WHP = 6.3 mpag.

Log 3 up/down passes at 10, 20, 30 m/min from 475 - 560 mKB.

Position tools at 550 m, log time drive. BHP = 12,303 kpa, BHT = 13.3 deg C

Spinner passes indicate > 95 % of fluid is being injected between 503 m(csg shoe) and 516 m and < 5% is being injected 516 m - 525 m.

R/A Trace Log (450 m3/d injection rate)

Position Ejector Tool and Dual Spaced GR at 500 m (~ 3 m inside casing shoe).

Shoot R/A tracer slug # 1 and log in time drive: GR detectors picked up RA slug moving down the hole, no sign of upward flow behind the casing shoe. Log for 5 mins .

Shoot larger R/A tracer slug # 2 and log as above: no sign of flow upwards behind casing shoe.

Position tools as follows : CCL 501 m, top GR 502.4 m (inside csg shoe), ejector 503.5 m (in openhole), MGR 504 m, LGR 505 m. Shoot R/A tracer slug # 3 and log as above: no sign of flow upwards behind casing shoe.

Position ejector at 525 m (in openhole, deepest spinner response achieved) to verify any fluid movement below this point. Shoot R/A tracer slug # 4 and log in time drive: **fluid velocity below 525 m = 0.96 m/min.**

Position ejector at 565 m (tag depth, bottom of **tools tagged out at 569 m**)

Shoot R/A tracer slug # 5 and repeat as in # 4 above : **fluid velocity below 565 m = 0.76 m/min.**

Position ejector at 500m (inside casing) and dump all the tracer. Log down from 475 to 569 m (tag) and log tracer storage effect. Major washing of RA tracer away from 503 - 518 m (clean across main injection interval), tracer hold up (slowly moving downward) across 518 - 526 m (**concurs with the spinner profile**).

Finish R/A Tracer log. Obstruction tagged: 959 m this log, at 911 m log dated 2001, at 560 m on log dated 2000. (TD is at 1028 mKB).

Position tools at 550 m, log time drive. BHP = 12,729.8 kpa BHT = 13.1 deg C

Shut in well and log pressure fall off after shut in.

POOH with logging tools and R/O equipment.

Secure wellhead and place well back on injection.

Clean up wellhead and location and M/O location.