

APPENDIX 6
ACTIVITY REPORTS

Date: 02 Aug 2011				Daily Cost: AUD 869,937				Report Number: 1
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
RPS	P	WOD		00:00	06:00	6.00	0.0	Rest period - crews worked day shift only.
RPS	P	RUD		06:00	12:00	6.00	0.0	Continued rigging up. Installed driller's side stairs to rig floor. Cleaned rubble from shaker pan and mud ditch. Mixed spud mud in pill tank. Positioned and function tested remote ESD. Started to rig up drillers house on rig floor.
RPS	P	RUD		12:00	13:30	1.50	0.0	Continued to rig up drillers house on rig floor. Strap BHA and load on racks.
RPS	P	PRS		13:30	14:00	0.50	0.0	Held pre spud meeting with both drill crews and all service hands. Morning shift crew ceased work for rest period. (Breaking tour at midnight).
RPS	P	PRS		14:00	18:00	4.00	0.0	Dressed rig floor for handling BHA. Wrote JSA for handling BHA. Loaded 13 3/8" casing on pipe racks. Geoservices sensor (50bar) ruptured after being incorrectly installed on 500bar hydraulic system.
RPS	P	PRS		18:00	20:00	2.00	0.0	Contained and cleaned up oil spill, approximately 100ltr. Washed down oil from rig and subbase.
RPS	P	PRS		20:00	24:00	4.00	0.0	Afternoon shift crew ceased work for rest break. Geoservices technician's modified sensor rig up and calibrated equipment.

Date: 03 Aug 2011				Daily Cost: AUD 61,133				Report Number: 2
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
RPS	P	PRS		00:00	00:30	0.50	0.0	Performed pre startup checks.
RPS	P	PRS		00:30	02:30	2.00	0.0	Cleaned threads on BHA components. Checked line up on mud circulating system. Made up 17 1/2" slick BHA. Torqued all new sub and DC connections to 60%, broke out, cleaned, redoped and made up to optimum torque. Adjusted mast and aligned drill string with chains to ensure hole was spudded plumb under rotary table.
SFH	P	DRA		02:30	06:00	3.50	12.0	Spudded well. Rotary drilled 17 1/2" hole from surface to 12m.
SFH	P	DRA		06:00	06:30	0.50	14.0	Drilled 17 1/2" hole from 12m to 14m.
SFH	TP	RRP	REQ	06:30	12:00	5.50	14.0	Lost hydraulic power due to cellar pump blowing hydraulic seal. Picked up bit to 12m. Standby by waiting for hydraulic oil. Set up new cellar pump, (Moineau pump). Clean up ditch on mud tanks. Welder fabricated protective screens for doghouse windows. Mechanic checked hydraulic power system on rig.
SFH	P	RRP		12:00	14:00	2.00	14.0	Continued standby waiting for hydraulic oil. (Drained hydraulic oil from TDC Koomey unit and used in rig hydraulic system).
SFH	P	DRA		14:00	16:30	2.50	17.0	Continued drilling 17 1/2" hole from 14m to 17m.
SFH	P	EDM		16:30	17:00	0.50	17.0	Held T.O.S meeting with crew.
SFH	P	DRA		17:00	17:30	0.50	17.0	Rig up Major computer read out in doghouse. Adjust shale shakers and clean screens.
SFH	P	DRA		17:30	22:00	4.50	25.5	Drilled 17 1/2" hole from 17m to 25.5m (RKB).
SFH	P	CMD		22:00	22:30	0.50	25.5	Circulated and conditioned hole.
SFH	P	HDB		22:30	23:30	1.00	25.5	Reviewed SWP for handle BHA. POOH from 25.5m to surface. Lay ot 3 x 6 1/2" DC's, bit sub and bit.
SFH	P	HDB		23:30	24:00	0.50	25.5	Break and laid out drive subs from Top Drive.

Date: 04 Aug 2011				Daily Cost: AUD 61,133				Report Number: 3
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
SFH	P	RCG		00:00	01:45	1.75	25.5	Made up saver sub and 13 3/8" casing running drive sub to Top Drive. Changed rig floor equipment for running casing.
SFH	P	RCG		01:45	02:15	0.50	25.5	Picked up 1st joint of 13 3/8" casing. Had problem screwing casing drive sub on top drive into casing, rigged up chain tong as back up and screwed in OK.
SFH	P	RCG		02:15	02:30	0.25	25.5	Ran 1st joint of 13 3/8" casing to 7.5m (RKB). Had to ram joint down past several ledges.

SFH	P	RCG		02:30	04:30	2.00	25.5	Had difficulty breaking out casing drive sub due to misalignment caused by ledges. 3 1/2" connection on Saver Sub kept breaking out. Welded casing drive sub to saver sub and managed to back out drive sub.
SFH	P	RCG		04:30	09:00	4.50	25.5	Picked up 2nd joint of casing, again had difficulty screwing in drive sub. Attempted to make up second joint, unable to align correctly and thread crossed, backed out and made several attempts to align correctly but unable to correct problem due to rigidity of drive sub being connected to top drive. Torqued up crossed thread and welded 2nd joint to coupling on 1st joint.
SFH	P	RCG		09:00	11:30	2.50	25.5	Ran 2nd joint, worked past several ledges to 22m. Standby for welder to complete fabrication of landing joint.
SFH	P	RCG		11:30	12:00	0.50	25.5	Picked up landing joint to rig floor.
SFH	P	RCG		12:00	17:00	5.00	25.5	Rigged up casing tong on rig floor. Broke out casing drive sub. Found 13 3/8" coupling had damaged thread. Broke out coupling, reversed coupling and torqued on to joint. Rigged up bails and 13 3/8" elevators, Found that we could not use elevators on top drive. Rigged down bails and elevators. Laid out landing joint and made up casing drive sub into landing joint on the ground. Picked up landing joint and made up on casing string.
SFH	P	RCG		17:00	20:00	3.00	25.5	Circulated and reciprocated casing while waiting on instructions.
SFH	P	RCG		20:00	20:30	0.50	25.5	Laid out landing joint and removed casing drive sub.
SFH	P	EDM		20:30	21:30	1.00	25.5	Held PJSM with BJ cementer. Perform hazard/ risk assessment and write JSA for cement job.
SFH	P	RDC		21:30	22:00	0.50	25.5	Rig up cement lines. Rig up X/O to stand pipe shock hose for displacement
SFH	P	CMT		22:00	23:00	1.00	25.5	Mixed and pumped 5bbl cement slurry into open casing and allow to U-tube. Had problem with cement unit densimeter reading incorrectly and slurry was 17ppg + and would not U-tube due to extremely high viscosity. (Unit also had problem with insufficient air supply to pumper controls).
SFH	P	CMT		23:00	24:00	1.00	25.5	Rigged down cement lines. Made up casing drive sub into casing joint. Circulated viscous cement out of hole to sump.

Date: 05 Aug 2011				Daily Cost: AUD 57,057				Report Number: 4	
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description	
SFH	TP	CMT	CMT	00:00	01:00	1.00	25.5	Continued circulate viscous cement out of hole to sump. Cleaned out cement from cellar.	
SFH	U	RDC		01:00	02:00	1.00	25.5	Fabricated circulating swage crossover from 13 3/8" drive sub to 2" x 1502 union.	
SFH	P	RDC		02:00	03:00	1.00	25.5	Rigged up cementing lines. Chained down casing. Connected rig air compressor to BJ pumper unit to boost air supply, as unit has low air pressure causing problem with controls.	
SFH	P	EDM		03:00	03:15	0.25	25.5	Held JSA with BJ and crew for cement job.	
SFH	P	CMT		03:15	04:00	0.75	25.5	BJ pumped 5bbl water. Tested lines to 1000psi. Mixed and pumped 14bbl slurry at 15.6ppg. Displaced with 10bbl water. Bled off pressure and confirmed float valve holding.	
SFH	P	CMT		04:00	12:00	8.00	25.5	Waited on cement. Set up scaffolding for working on wellhead under rig floor. Cleaned out pill tank. Replaced flood light on rig floor.	
SFH	P	CMT		12:00	13:00	1.00	25.5	Continued waiting on cement. Held weekly safety meeting.	
SFH	P	CCT		13:00	18:00	5.00	25.5	Welder cut 13 3/8" casing. Prepared and started welding 13 3/8" connector to cut casing for installing diverter adaptor. Rigged down casing running equipment. Stored drill bits in OCR container. Ross Engineering welder worked with TDC connecting gas discharge line from MGS to Blooie line.	
SFH	P	WOO		18:00	24:00	6.00	25.5	Welder stopped job on 13 3/8" casing for rest break. Drill crew prepared the 12 1/4" slick BHA components for	

								drilling out cement shoe. Drill crew made up diverter adaptor flange on 13 3/8" conductor (will not be torqued up until welding completed).
--	--	--	--	--	--	--	--	---

Date: 06 Aug 2011				Daily Cost: AUD 57,057				Report Number: 5
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
SFH	P	WOO		00:00	06:00	6.00	25.5	Welders on rest break. Stored drive subs in OCR container. Performed top up job in cellar around 13 3/8" casing. Started laying out, cleaning and strapping BHA components for 10" hammer run.
SFH	P	CCT		06:00	11:00	5.00	25.5	Welders completed welding 13 3/8" casing. Continued welding on Blooie line system. Rigged up bails and 9 5/8" elevators to check functionality, found they were not compatible with the top head system, rigged down bails. Torqued up diverter flange on 13 3/8" casing.
SFH	P	RBR		11:00	12:00	1.00	25.5	Continued welding on blooie line system. Started rigging up test stump on BOP trolley. Slung up Washington diverter.
SFH	P	RBR		12:00	15:00	3.00	25.5	Continued welding on blooie line system. Nipped up Washington diverter on adaptor flange. Changed union on vent line. Repositioned BJ pumper and bulkier.
SFH	P	RBR		15:00	18:00	3.00	25.5	Continued welding on blooie line system. Installed mud flow line valves into Blooie line system and connected to Washington diverter. Connected vent line to Blooie line. Crew given familiarization on drilling monitoring system with Pason engineer.
SFH	P	WOO		18:00	24:00	6.00	25.5	Welders on rest break. Laid out, cleaned and strapped #3 BHA. Assembled survey barrel. Welded shuck for racking survey barrel. Prepared mud for drilling out cement.

Date: 07 Aug 2011				Daily Cost: AUD 59,257				Report Number: 6
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
SFH	P	WOO		00:00	06:00	6.00	25.5	Welders on rest break. Loaded tubulars for #2 and #3 BHA onto Load-Safe. Laid out bits, subs and hammer on pallets beside rig floor. Continued installing test stump on BOP cradle. Cleaned shaker pans and possum bellies. Repaired holes in grating on mud pits. Made stencils for ID numbers on mud pits.
SFH	P	RBR		06:00	12:00	6.00	25.5	Welders continued rigging up Blooie line and mud flow line. Prepared safety clamp for 10" hammer. Assisted Pason engineer with system set up on top drive. Relocated Cameron tool box and wellheads. Relocated various drilling equipment around well site. Measured top drive for casing running slings.
SFH	P	RBR		12:00	20:00	8.00	25.5	Continued rigging up/ welding Blooie line and mud flow line. Installed pit liner in sump and weighted down edge of liner.
SFH	P	RBR		20:00	22:00	2.00	25.5	Wrote JSA for change out valve on flow line. Changed out slip bowl and installed new saver sub on top drive in preparation for drilling.
IH1	P	HDB		22:00	24:00	2.00	25.5	Picked up 1 x 6 1/2" DC and stabbed through diverter rubber. Removed rubber retainer plates from diverter. Pull diverter rubber above rig floor on DC. Made up bit and bit sub.

Date: 08 Aug 2011				Daily Cost: AUD 57,057				Report Number: 7
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	HDB		00:00	00:45	0.75	25.5	Continued make up BHA and RIH. Tag top of cement @ 16.6m
IH1	P	DFS		00:45	02:30	1.75	25.5	Established parameters. Drill cement from 16.6m to 22.7m. Drill through cement shoe into rat hole at 23m.
IH1	U	OTH		02:30	03:15	0.75	25.5	Flow line and possum belly on shakers blocked with cuttings. Cleared and flushed flow line and possum bellies.

IH1	P	DFS		03:15	03:30	0.25	25.5	Drilled cement in rathole from 23m to 25.5m.
IH1	P	DRA		03:30	05:15	1.75	29.0	Drilled 12 1/4" hole from 25.5m to 29m
IH1	P	CMD		05:15	05:45	0.50	29.0	Circulate till shakers clean
IH1	P	HDB		05:45	07:30	1.75	29.0	POOH from 29m, handling BHA. Laid out 2 x 6 1/2" DC's. Removed diverter rubber hold down plates. Pull rubber above rig floor on DC. Break and lay out bit and bit sub. Made up Bit, hammer, float sub with float and pony DC. Found bit to large to fit through Washington Diverter housing. POOH lay out bit and hammer.
IH1	U	HDB		07:30	09:30	2.00	29.0	Removed oversized bit from hammer. Made up 12.25" bit on hammer.
IH1	U	HDB		09:30	11:00	1.50	29.0	Made up Bit, hammer and float sub with float.
IH1	P	HDB		11:00	12:00	1.00	29.0	Continued make up BHA. Made up 6 1/2" pony DC and X/O.
IH1	P	HDB		12:00	12:45	0.75	29.0	Held emergency muster drill with all personnel on site.
IH1	P	EDM		12:45	13:15	0.50	29.0	Lubricated Rig - Pre start fuel up.
IH1	P	RGS		13:15	13:45	0.50	29.0	Continued make up BHA. Made up 12 1/4" roller reamer, X/O, 6 1/2" NMDC, 12 1/4" string stabilizer and X/O. Installed Washington diverter rubber. Continued make up 6 1/2" DC's to 29m.
IH1	P	HDB		13:45	17:00	3.25	29.0	Lined up to TDC and lifted mud out of hole. Rotated to bottom to work reamer through cement shoe. Calibrated Geoservices hook load and depth.
IH1	P	HDB		17:00	18:00	1.00	29.0	Air hammer drilled 12 1/4" hole from 29m to 60m. Diverter rubber leaked.
IH1	P	DRA		18:00	20:30	2.50	60.0	Changed out diverter rubber and reassembled diverter. Gasket on diverter leaked. Removed diverter rubber and installed new gasket. Reassembled diverter. OK.
IH1	U	BOP		20:30	23:15	2.75	60.0	Continued to air hammer drill 12 1/4" hole from 60m to 68m. Hammer stopped working.
IH1	P	DRA		23:15	23:30	0.25	68.0	Called OCR and rig manager to trouble shoot Hammer problem.
IH1	U	RPO		23:30	24:00	0.50	68.0	

Date: 09 Aug 2011				Daily Cost: AUD 61,457				Report Number: 8
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	U	RPO		00:00	00:45	0.75	68.0	Reduced mist flow rate from 10bbl/hr to 5bbl/hr. Reciprocated and rotated hammer till system flushed and hammer working OK.
IH1	P	DRA		00:45	02:30	1.75	107.0	Continued to air hammer drill 12 1/4" hole from 68m to 107m.
IH1	TP	SVY	COM	02:30	03:30	1.00	107.0	Ran survey at 107m. 2 miss runs (1st no camera in pressure barrel, 2nd no film in camera). Also had problem with survey line winch being very slow. Called Major mechanic to instruct driller how to regulate hydraulic pressure on winch to increase speed.
IH1	P	DRA		03:30	04:15	0.75	126.5	Continued to air hammer drill 12 1/4" hole from 107m to 126.5m.
IH1	P	DRA		04:15	04:30	0.25	126.5	Ran survey at 126m.
IH1	P	DRA		04:30	05:00	0.50	142.0	Continued to air hammer drill 12 1/4" hole from 126.5m to 142m. Hydraulic supply line to top drive hung up on derrick and tore apart.
IH1	TP	RRP	REQ	05:00	12:00	7.00	142.0	Clean up hydraulic oil. Plan repairs to rig-Effect repairs
IH1	P	DRA		12:00	14:30	2.50	163.0	Continued to Hammer drill from 142m-163m
IH1	P	RGS		14:30	15:00	0.50	163.0	Service Rig-add hydraulic oil
IH1	P	DRA		15:00	16:00	1.00	189.0	Continued to hammer drill 163m-189m
IH1	P	SVY		16:00	16:30	0.50	189.0	Conducted downhole deviation survey @.5 degree dip at 183.5m
IH1	P	SVY		16:30	20:30	4.00	270.0	Continued to drill 189m-270m
IH1	P	SVY		20:30	21:45	1.25	270.0	Conducted downhole deviation survey @ 240m-0 degree dip Rigged up second transfer pump from flare pit to main sump.
IH1	P	SVY		21:45	22:00	0.25	270.0	Circulate string back to bottom and make new connection.
IH1	P	DRA		22:00	24:00	2.00	298.0	Continued to drill from 270m-298m

Date: 10 Aug 2011				Daily Cost: AUD 88,614				Report Number: 9
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	DRA		00:00	01:00	1.00	318.0	Drilled from 298m to 318m
IH1	P	SVY		01:00	01:30	0.50	318.0	Conducted down hole deviation survey @ 309 m=0.5 degrees
IH1	P	DRA		01:30	06:00	4.50	375.9	Continued to drill from 318m to 375.94m
IH1	P	SVY		06:00	06:30	0.50	375.9	Conducted down hole deviation survey @ 366m=.05 degrees
IH1	P	DRA		06:30	08:00	1.50	384.0	COntinued to drill to 384m-Ran muster drill.
IH1	U	WOO		08:00	12:00	4.00	384.0	After muster drill Major drilling shut down operations for meeting with on site Petro Personnel. Contact head office of Petro Frontier. Majors conduct meeting about safety management system with rig site personnel -Drill pipe being worked during meeting with circulation.
IH1	P	DRA		12:00	16:00	4.00	421.0	Resume drilling operations and drill to TD of 421m
IH1	P	SVY		16:00	17:00	1.00	421.0	Run survey @ 412m=0.5 degrees.
IH1	P	FLO		17:00	17:30	0.50	421.0	Circulate well prior to POOH
IH1	P	TRO		17:30	20:00	2.50	421.0	POOH for wiper trip and to displace well with mud prior to casing run. Strap all string and BHA at end of trip.
IH1	P	TRO		20:00	20:30	0.50	421.0	Break down BHA stabilisers and lay out. (Dropped and recovered lifting eye for slips from cellar area)
IH1	TP	TRO	REQ	20:30	22:00	1.50	421.0	Rig repair-replace broken dies in Iron Roughneck
IH1	TP	HDT	REQ	22:00	24:00	2.00	421.0	Lay down roller reamer and bring hammer to floor. Attempting to break out hammer, having to replace dies in iron roughneck.

Date: 11 Aug 2011				Daily Cost: AUD 59,896				Report Number: 10
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	TP	HDT	REQ	00:00	04:00	4.00	421.0	Continue to attempt to break out float sub from hammer and pony collar. Hammer finally broken out @ 02:00 hrs, unsuccessful in breaking pony collar from float sub. Changed dies in roughneck multiple times until successful with breakout of hammer. Lay down hammer.
IH1	P	HDT		04:00	06:00	2.00	421.0	Pick up 12 1/4" tricone bit and make up BHA. Check gauge of roller reamer at 12 1/8" and string stabiliser at 12 3/16"
IH1	P	HDT		06:00	08:30	2.50	421.0	RIH with BHA including heavy weight pipe.
IH1	P	RGS		08:30	09:00	0.50	421.0	Rig service and line up and check mud pumps and flow line to tanks.
IH1	P	TRI		09:00	12:30	3.50	421.0	RIH with tricone BHA assembly to 421m-hole clean-no tight spots.
IH1	P	CMD		12:30	14:30	2.00	421.0	Circulate well with mud, 29 vis and 8.4 ppg gel mix.
IH1	P	TRO		14:30	15:30	1.00	421.0	POOH for casing run
IH1	TP	RRP	REQ	15:30	16:30	1.00	421.0	Rig repair to leaking hydraulic hose.
IH1	P	TRO		16:30	19:30	3.00	421.0	POOH and lay down all BHA
IH1	P	RUD		19:30	24:00	4.50	421.0	Rig down Iron roughneck and diverter flowline system, cut conductor pipe to suit casing run. Diverter cut and removed @ 22:00 hours. Continue to rig up for casing run.

Date: 12 Aug 2011				Daily Cost: AUD 57,207				Report Number: 11
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	RUD		00:00	01:15	1.25	421.0	Hold PJSM with Rig crew and casing contractor crew and continue to rig up for casing run, spot power pack for casing tong.
IH1	P	RCG		01:15	01:30	0.25	421.0	Hold additional PJSM with Rig crew and casing crew and review JSA for casing running operations.
IH1	P	RCG		01:30	06:30	5.00	421.0	Run 9 5/8" casing as per program
IH1	P	RCG		06:30	07:00	0.50	421.0	PJSM and JSA with Cameron for pick up and make up wellhead to casing.
IH1	P	RCG		07:00	09:00	2.00	421.0	Pick up and make up wellhead to casing-remove slips assemblies and lower through Rig floor-make up slip

IH1	P	RCG		09:00	11:00	2.00	421.0	assemblies and hang off in slips. Pick up and make up landing joint and lower casing with wellhead to setting height. Pressure test 3/4" bull plug damaged on landing ring. Replace plug and recut conductor for better alignment. Establish circulation. Circulate casing- good returns with no cuttings or fill.
IH1	P	CIC		11:00	12:30	1.50	421.0	Land out wellhead and laydown landing joint.
IH1	P	RRC		12:30	13:30	1.00	421.0	Rig down Casing contractors tongs, power pack and associated equipment.
IH1	P	RRC		13:30	14:00	0.50	421.0	Rig up wellhead with valves and bull plugs to allow through cementing operations.
IH1	P	RDC		16:00	16:30	0.50	421.0	Rig up cementing head and lines.
IH1	P	PRT		16:30	16:55	0.42	421.0	Pump 5 bbls of fresh water and conduct pressure tests on cementing equipment and lines.-OK
IH1	P	CMT		16:55	17:05	0.17	421.0	Drop lower plug and pump 5 bbl fresh water spacer.
IH1	P	CMT		17:05	17:45	0.67	421.0	Mix and pump 88 bbls of lead cement (11.8 ppg)
IH1	P	CMT		17:45	18:00	0.25	421.0	Mix and pump 28 bbls of tail cement (15.6ppg)
IH1	P	CMT		18:00	18:30	0.50	421.0	Drop top plug and displace cement with 104 bbls of fresh water-bump plug to 1000 psi-holding.
IH1	P	CMT		18:30	18:45	0.25	421.0	Hold pressure on plug for 10 minutes and release pressure-float holding with 3/4 bbl bleed back.
IH1	P	CMT		18:45	24:00	5.25	421.0	WOC-Rig down cement head and lines-nipple up BOPS off line, install diverter assembly and side entry valves for kill and choke lines. Tidy up after cementing operations.

Date: 13 Aug 2011				Daily Cost: AUD 59,407				Report Number: 12
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	RUD		00:00	06:00	6.00	421.0	Pick up and reinstall Iron roughneck-continue with BOP equipment installation and set up. Remove 12.1/4 BHA items from work area, move and spot choke manifold,. Position BOP adjacent to cellar area on tracks for installation.
IH1	P	RUD		06:00	12:00	6.00	421.0	Nipple down wellhead running tool and lay out, assemble 8.1/2" BHA items, align and modify BOP tram lines to allow installation of BOPs into cellar area, refill accumulator with hydraulic oil, rig down casing swedge from top drive, complete hydraulic hook up to iron roughneck, rig up BOP lifting nubbin to top drive and layout 12.1/4 BHA items to side.
IH1	P	RUD		12:00	18:00	6.00	421.0	Start assembly of 8.1/2" BHA large components, lay out in running order and start strap of all components, tidy up lease and storage areas, move drill pipe storage trailers to new location on lease. Attempt to install BOPs to wellhead but build height is too low for gravity feed to flow/blooe line, organise replacement (taller) drilling spool to be sent out from Alice Springs.
IH1	P	RUD		18:00	24:00	6.00	421.0	Continue with strap of 8.1/2" BHA items and prepare pipe tally sheet, reinstall lower BOP valves at 90 degrees on wellhead to give better clearance from BOP, prepare flow line for reinstallation. Breakout 12.1/4 bit sub from 6.1/2 pony collar after welding hard bands to items to allow iron roughneck jaw dies to grip. Start installation of remote BOP panel.

Date: 14 Aug 2011				Daily Cost: AUD 55,746				Report Number: 13
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	TP	WOT	BOP	00:00	06:00	6.00	421.0	Service water transfer pumps and general maintenace. Disassemble washington diverter from cut off conductor assembly.
IH1	TP	WOT	BOP	06:00	12:00	6.00	421.0	Rig up transfer pump and dewater main sump to turkey nest. Soft breakdown BOP for replacement spool installation. Service Rig-change oils and filters.
IH1	TP	WOT	BOP	12:00	15:00	3.00	421.0	Continue rig servicing, fit bull plugs to wellhead assembly, reposition diverter on Annular BOP, continue preparation work on flow line and blooeie.

IH1	TP	WOT	BOP	15:00	18:30	3.50	421.0	Split BOP assembly to fit replacement spool, no studs or nuts supplied with spool so dummy assemble with short studs and nuts and order hot shot replacements from Alice Springs. Continue nipping up BOP and replacement spool to allow installation to wellhead.
IH1	TP	WOT	BOP	18:30	20:00	1.50	421.0	Manoeuvre BOP into position on trolley and hook up for landing to wellhead assembly. Land BOP to wellhead at 20:00 hrs.
IH1	TP	WOT	BOP	20:00	22:00	2.00	421.0	Nipple up BOP to wellhead assembly. Electrician on site to connect accumulator to generator and make required lead.
IH1	TP	WOT	BOP	22:00	24:00	2.00	421.0	Complete electrical installation to Accumulator, start hydraulic hookup from Accumulator to BOP, reposition Accumulator and set up temporary generator for Accumulator supply.-waiting on studs and nuts for drilling spool to Annular final nipple up.

Date: 15 Aug 2011				Daily Cost: AUD 55,746				Report Number: 14	
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description	
IH1	TP	WOT	BOP	00:00	02:00	2.00	421.0	Continue hydraulic hookup to BOP and start air connection hookup for accumulator.	
IH1	P	BOP		02:00	06:00	4.00	421.0	Continue with hookup of hydraulic lines to accumulator, hook up of air supply for accumulator ready for function and drawdown testing. Remove annular BOP from drilling spool and install new studs and nuts that had been hotshot from Alice Springs.	
IH1	P	BOP		06:00	12:00	6.00	421.0	Hook up BOP remotes and repair air leak at lubricator, align BOP stack, unload transport trucks with oil storage tank and site lunchroom and continue with plumbing hook up to BOP and choke manifold. Welder on site continuing with fabrication of lines and valves to connect oil storage tank to mud gas separator.	
IH1	P	BOP		12:00	18:00	6.00	421.0	Continue fabrication work to piping for mud gas separator and storage tank. power up Koomey unit and function test, function test pipe and blind rams. Remove element from divertor assembly, make up kill line assembly to BOP and reposition choke manifold. Repair leaking hydraulic return hose on Koomey unit and reposition (swap) hoses for blind rams.	
IH1	TP	BOP	TPY	18:00	21:30	3.50	421.0	Pipe rams not retracting fully on one side, disassemble and inspect and repair galled thread on manual locking mechanism, preventing ram from opening fully. Photographs of damage were taken to provide to supplier to claim replacement part. (Unit hired from TDC)	
IH1	P	BOP		21:30	22:00	0.50	421.0	Pick up 12.1/4 inch string stabiliser to break out crossover sub required to connect drill collar for annular BOP function test. RIH 6.5/8 drill collar to function test new Annular BOP unit.	
IH1	P	BOP		22:00	24:00	2.00	421.0	Pick up single 3.1/2" drill pipe and make up subs to run wellhead test plug and strap setting depth.	

Date: 16 Aug 2011				Daily Cost: AUD 57,457				Report Number: 15	
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description	
IH1	P	BOP		00:00	01:00	1.00	421.0	Pick up test plug assembly and run into wellhead. Plug binding before setting depth reached, POOH and inspect. Rerun plug, but still hanging up short of set depth, open blind ram bonnet to check for possible hangup. Hanger Plug not entering wellhead square and bottoming out on shoulder of plug above O' Ring seal assembly, align drill pipe from drill floor and set plug OK.	
IH1	P	BOP		01:00	02:00	1.00	421.0	Hold PJSM with BJ crew, walk lines prior to pressure test and set valves and lines for perimeter test of all rig and BOP plumbing. Back out of test plug and lay down crossover subs, run single joint of 3.1/2" drill pipe back into BOP for test.	
IH1	P	BOP		02:00	02:45	0.75	421.0	Run pressure test against all perimeter valves and pipe rams, stage pressure build in 500 psi increments to 2000	

IH1	P	BOP		02:45	03:30	0.75	421.0	psi. Major leak found at Pump 1 delivery valve and thread into hammer union and also on top drive. Bleed off pressure and open pipe rams, remove single joint of pipe and lower top drive to pressure test individually and identify leak. Repressure top drive against Kelly Cock and identify leak at threaded joint entering Mud saver valve. Bleed off pressure. Release BJ crew so that identified leaks can be rectified.
IH1	TP	BOP	REQ	03:30	06:00	2.50	421.0	Repair identified leaks at Mud pump 1 and top drive mud saver valve.
IH1	TP	BOP	REQ	06:00	10:00	4.00	421.0	Continue with repairs to leaks at mudsaver valve on top drive and at valve on mud pump # 2
IH1	TP	BOP	REQ	10:00	12:00	2.00	421.0	Pressure test leak repairs to 3000 psi. Additional leak found at fittings for Geoscience sender unit and at top drive mud saver valve.
IH1	TP	BOP	REQ	12:00	13:30	1.50	421.0	Continue with leak repair operations prior to testing program.
IH1	TP	BOP	REQ	13:30	14:30	1.00	421.0	Test pipe rams against test plug, outer choke manifold valves, outer kill valve and mud pump manifold valves and kelly cock, test showing leakdown. Run same test against blind rams, still showing leakdown, trace leaks to mud manifold valve on Pump # 1 and Top drive mud saver valve.
IH1	TP	BOP	REQ	14:30	16:30	2.00	421.0	Repair leaks to faulty items-run pressure test on BJ equipment t 3000 psi-all good.
IH1	P	BOP		16:30	16:50	0.33	421.0	Run test, blind rams against test plug, outer choke manifold valves, outer kill valve, kelly cock backside and mud pump manifolds. Good test.
IH1	P	BOP		16:50	17:10	0.33	421.0	Run test, Blind rams against test plug, inner choke manifold valves, outer kill valve, kelly cock backside and mud pump manifolds.-good test.
IH1	P	BOP		17:10	17:30	0.33	421.0	Run test, Pipe rams against Test plug, Outer choke valve, inner kill valve and mud pump manifold. Drill pipe is pumping out of BOP and cannot hold pressure.
IH1	TP	BOP	BOP	17:30	24:00	6.50	421.0	Rceonfigure BOP construction to allow drill pipe to screw into test plug. Present configuration has pipe rams adjacent to crossover subs and will not allow test of 3.1/2' rams. Nipple down BOPS and reposition spacer spool below ram BOPS, allowing crossover subs to sit below pipe rams.

Date: 17 Aug 2011				Daily Cost: AUD 63,432				Report Number: 16
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	BOP		00:00	01:00	1.00	421.0	Hold PJSM with BJ crew for continued pressure test program, pressure up accumulator and line up valves and pumps for test.
IH1	P	BOP		01:00	01:30	0.50	421.0	Commence testing, pipe rams against test plug, inner kill line valve, inner choke valves and pump manifolds. low pressure 250 psi test OK but high pressure test failed at 3000 psi with major leak between top of wellhead spool and bottom of spacer spool. BOP requires splitting to check ring gasket.
IH1	TP	BOP	BOP	01:30	02:00	0.50	421.0	Remove drill pipe single and crossover sub assembly from top drive and rig up to nipple down BOPs at drilling and spacer spools.
IH1	TP	BOP	BOP	02:00	03:45	1.75	421.0	Some studs loose on flange-retighten studs and pressure up accumulator.
IH1	TP	BOP	BOP	03:45	04:00	0.25	421.0	Pressure retest against blind rams to test ring gasket between drilling spool and spacer spool. Test holding 3000 psi OK
IH1	TP	BOP	BOP	04:00	04:20	0.33	421.0	Pick up drill pipe single and crossovers to make up to test plug for pipe ram test.
IH1	TP	BOP	BOP	04:20	04:40	0.33	421.0	Test pipe rams against plug, inner choke and kill lines and pump manifolds. Low pressure test 250 psi for 5 minutes, bleed off and pressure up tp 3000 psi for 5 minutes, slow bleed off, rebump to 3000 psi and holding. Minor drip found at ring gasket between top of annular and spacer spool.
IH1	TP	BOP	BOP	04:40	05:20	0.67	421.0	Tighten nights between upper annular spool and annular

IH1	P	BOP		05:20	05:50	0.50	421.0	BOP. Pressure test pipe rams against test plug and outer choke valve, inner kill valve and pump manifolds-good test. Pressure test against test plug, inner choke valve, inner kill valve and pump manifolds, test good, 250 psi low for 5 minutes ok, and 3000 psi high for 5 minutes ok. Bleed down pressure and set up to test annular BOP
IH1	P	BOP		05:50	06:00	0.17	421.0	
IH1	P	BOP		06:00	07:00	1.00	421.0	Pressure up to test annular BOP, drilling spool leaks. Re-tighten drilling spool, ok. Test annular BOP, 1500 psi pressure test is failing at Manifold pressures of 750 psi and 850 psi. Increase manifold pressure to 1000 psi to achieve successful test of 250 low psi for 5 minutes, ok and 1500 psi high for 5 minutes, ok.
IH1	P	BOP		07:00	09:00	2.00	421.0	Pressure test IBOP, Stabbing Valve and Upper Kelly Cock, to 250 psi low for 5minutes, ok and to 3000 psi hi for 5 minutes, ok.
IH1	TP	BOP	BOP	09:00	11:00	2.00	421.0	Rig up to run wear bushing and RIH. Wear bushing hanging up on blind rams. Pull up and function blind rams, RIH wear bushing, still hanging up. Open blind ram bonnet to access problem. Seals on blind ram severely scored. RIH and seat wear bushing, close bonnet. Unable to retrieve wear bushing thru blind rams.
IH1	TP	BOP	BOP	11:00	14:00	3.00	421.0	Open blind ram bonnets, retrieve wear bushing. Thoroughly clean ram body, components and galleries. Re dress damaged blind ram with new seal and close bonnets. Function blind rams. RIH wear bushing, ok. POOH wear bushing, ok.
IH1	TP	BOP	BOP	14:00	16:30	2.50	421.0	Make up test plug, RIH land and seat same. POOH running tool. Pressure test blind rams to 250 psi low, ok and 1500 psi hi, ok.
IH1	P	BOP		16:30	17:00	0.50	421.0	Retrieve test plug, Make up and RIH wear bushing. POOH running tool.
IH1	P	RUD		17:00	21:15	4.25	421.0	Fabricate and weld up connector from diverter to blooie line.
IH1	P	RUD		21:15	24:00	2.75	421.0	Welder out of hours, has worked 16 hours straight. Prepare to run BHA # 4. Install slips, set up floor area for running gear, pick up subs and place collars on pipe loader, strap pipe and prepare tally sheet.

Date: 18 Aug 2011				Daily Cost: AUD 88,207				Report Number: 17	
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description	
IH1	P	RUD		00:00	01:30	1.50	421.0	Continue with preparation of BHA	
IH1	TP	RUD	REQ	01:30	02:00	0.50	421.0	Modify bit make up/ breakout plate to fit basket assembly.	
IH1	TP	RUD	REQ	02:00	04:30	2.50	421.0	Continue making up BHA to second drill collar, break circulation to check pump and tank functions and operation of floats.	
IH1	P	TRI		04:30	06:00	1.50	421.0	RIH with drill collars -BHA # 4	
IH1	P	TRI		06:00	14:00	8.00	421.0	Disconnect and isolate rig computers from electrical current for welding operations under floor whilst installing Blooie Line connection from RCH to Blooie Line manifold. Spot and bund oil storage tank 45m from well centre.	
IH1	P	TRI		14:00	14:30	0.50	421.0	RIH 3 x 3 1/2" drill pipe, made up, broke out and made up, per API guide lines on new tubulars.	
IH1	TP	TRI	OTH	14:30	18:15	3.75	421.0	Stab and install RCH element. Encountered difficulty during operation with tool joint insertion and element installation into RCH body.	
IH1	P	DRC		18:15	19:30	1.25	421.0	RIH and circulate down to tag top plug. Drill out plugs, float shoe and casing shoe.	
IH1	P	DRC		19:30	19:45	0.25	421.0	Drill out shoe at 19:30 (417.8m)	
IH1	P	DRA		19:45	20:00	0.25	421.0	Circulate at shoe bottoms up and drill cement to 421m	
IH1	P	CRS		20:00	20:45	0.75	423.0	Drill from 421m to 423m	
IH1	P	CRS		20:00	20:45	0.75	423.0	Circulate 4 x bottoms up to confirm sample and any gas readings. Shakers clean @ 30 minutes	

IH1	P	EDM		20:45	21:00	0.25	423.0	BOP drill and debrief.
IH1	P	LOT		21:00	22:00	1.00	423.0	Hold PJSM with drill crew and BJ for Extended leak off, raise permit, set lines, check lines for LOT
IH1	P	LOT		22:00	22:20	0.33	423.0	Line test BJ gear with Rig pumps isolated, shut in well with pipe rams and start LOT @ 22:10. Pump away 2bbls with pressure build to only 50 psi-shut down pumps and check line up of all valves and lines for possible bypass
IH1	P	LOT		22:20	22:55	0.58	423.0	Fluid flowing from flow line with BOP closed -Vent line on rig suspected of bypassing fluid, remove and function test vent valve-close valve and test to 50 psi without leaks-rig up for retest.
IH1	P	LOT		22:55	23:00	0.08	423.0	Build pressure to 1175 psi after 1 barrel pumped away-stop test to check possible limits set on test and to confirm maximum test pressure. Walk lines to double check line up all OK. (EMW=24.8 ppg)
IH1	P	LOT		23:00	23:30	0.50	423.0	Check design specs of casing and confer with Day Company man for pressure test limit. Set test limit at 2100 psi which gives BHP of 2700 psi
IH1	P	LOT		23:30	23:40	0.17	423.0	Build pressure to 1900 psi and releif valve on Pump 1 released.
IH1	P	LOT		23:40	24:00	0.33	423.0	Retest-build pressure to 2100 psi and allow to bleed down. BJ hand released pressure before complete flatline occurred with .65 bbls returned after 1.25 bbls pumped.

Date: 19 Aug 2011				Daily Cost: AUD 79,447				Report Number: 18
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	LOT		00:00	00:25	0.42	423.0	Crew change-hold PJSM with BJ and drill crews, review JSA and raise permit-walk lines for new crew.
IH1	P	LOT		00:25	01:10	0.75	423.0	LOT-build pressure to 2117 psi and allow extended pressure bleed down to 200 psi
IH1	P	LOT		01:10	02:15	1.08	423.0	1.15 bbls pumped-.45 bbl bleed back
IH1	P	LOT		02:15	02:45	0.50	423.0	LOT-build pressure to 2100 psi and allow extended pressure bleed down and compare data for consistency. 1.0 bbls pumped-.4 bbls returned
IH1	P	LOT		02:45	14:00	11.25	423.0	Bleed off pressure and open BOPs-circulate fluid from BJ tanks back through well. Line up flow line to shaker tank and reinstall mud vent line to flow line-close drain valve on flow line.
IH1	TP	WOO	OTH	02:45	14:00	11.25	423.0	Fabricate, fit and weld Oil Storage pipe line prior to drilling ahead 8 1/2" hole section.
IH1	P	DRA		14:00	17:00	3.00	468.0	Drill Ahead 8 1/2" hole section from 423m to 468m, using mist injection at 2200cfm, 5 bph and 5 litre surfactant per hour.
IH1	TP	DRA	TPY	17:00	17:15	0.25	468.0	Air Booster hose breaks, Pick up and work drill string whilst repairing.
IH1	TP	DRA	REQ	17:15	18:00	0.75	468.0	Hydraulic feeder hose on rig control panel ruptures. Repair same.
IH1	TP	DRA	REQ	18:00	19:30	1.50	468.0	Rig repair to hydraulic control bank on drillers console.
IH1	P	DRA		19:30	20:05	0.58	476.0	Drill ahead from 468m to 476m
IH1	TP	DRA	REQ	20:05	20:25	0.33	468.0	Rig repair to hydraulic fitting used to block off leaking valve bank.
IH1	P	DRA		20:25	24:00	3.58	520.0	Drill ahead from 476m to 520m

Date: 20 Aug 2011				Daily Cost: AUD 75,427				Report Number: 19
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	DRA		00:00	03:30	3.50	550.0	Drill ahead from 520m to 550m. Poor sample return with some overpull when reaming back up into previous connection drilled. Laydown joint 22 and back ream and circulate joint 21 to clear suspected collaring. Increase mist injection rate to 10bbls per hour.
IH1	P	DRA		03:30	05:30	2.00	578.0	Operating on 2 compressors and one booster due to blown booster hose. (1800 cfm) Drill ahead from 550m-578m Wellbore is collaring around BHA-increase injection rate to wet sample and assist with hole cleaning.

IH1	TP	DRA	REQ	05:30	07:30	2.00	578.0	Down time - Fuel problem, day tank not filled.
IH1	P	DRA		07:30	13:00	5.50	625.0	Drill ahead 8 1/2" hole section from 578m to 625m using mist injection 2800 cfm, 5 bph pre-mix with 5 bph surfactant.
IH1	P	CRS		13:00	13:30	0.50	625.0	2nd Booster has been brought on line.
IH1	P	FLT		13:30	15:30	2.00	625.0	Shut down pre-mix injection, blow hole clean whilst rotating and reciprocating.
IH1	P	FLT		15:30	16:00	0.50	625.0	In-flow test, shut down air and pre-mix injection. Rotate and reciprocate drill pipe. Line up Blooie Line to flare pit and Blooie Line Separator to oil storage tank, in preparation to unload well. .
IH1	P	DRA		16:00	20:00	4.00	700.0	Hold PJSM, Unload well to test for hydrocarbons from in-flow period. Fluid discharged thru both Blooie Line and Blooie Line Separator to minimise hydraulic shock. No visible hydrocarbons.
IH1	TP	CMD	HCN	20:00	20:30	0.50	700.0	Drill ahead 8 1/2" hole section from 625m to 700m using mist injection 2800 cfm, 5 bph pre-mix with 5 litres per hour surfactant.
IH1	P	CMD		20:30	24:00	3.50	730.0	ROP dropped with pipe vibration-stop drilling to blow around foam pill.
								Stop circulation and add 5 litre foam/1litre liquipol/20 litre water pill to drill pipe and circulate around until cuttings cleared.
								Drill ahead 8 1/2" hole section using mist injection 2800 cfm, 5 bph pre-mix with 5 litres per hour surfactant.
								Add 20 litre foam pill into pipe on connections. Midnight depth 730m

Date: 21 Aug 2011				Daily Cost: AUD 77,647				Report Number: 20	
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description	
IH1	P	DRA		00:00	05:30	5.50	808.9	Drill ahead 8 1/2" hole section from 730m to 808.9m using mist injection 2800 cfm, 5 bph pre-mix with 5 Lph surfactant.	
IH1	TP	CMD	HCN	05:30	06:00	0.50	808.9	Add 20 litre foam pill into pipe on connections.	
IH1	P	DRA		06:00	09:00	3.00	847.0	Poor sample returns, stop circulation and let well develop water, inject foam /polymer pill to lift cuttings. Unload well, moderate cuttings retrieval	
IH1	P	MXF		09:00	15:00	6.00	847.0	Drill ahead 8 1/2" hole section from 808.9m to 847m injecting mist at 2800 cfm, 5 bph pre-mix with 5 Lph surfactant. Very poor cuttings retrieval. Engineering decision taken to convert over from aerated water system to mud system.	
IH1	P	CMD		15:00	16:00	1.00	847.0	Build 460 bbls of KCL/Guar Gum mud. (Working pipe and loading / unloading well during mud build process)	
IH1	P	CMD		16:00	21:00	5.00	847.0	Displace aerated system to KCL/Guar Gum system.	
IH1	P	CMD		21:00	21:25	0.42	848.0	Circulate and condition mud prior to drilling target. pH level to high not allowing Guar Gum to mix.	
IH1	TP	CMD	MUD	21:25	22:50	1.42	848.0	Pason tech on site calibrating and recommissioning equipment.	
IH1	P	DRA		22:50	24:00	1.17	848.0	Clean pump valves on Pump 1	
								Drill for 1 metre to check all operations, mud dumping across shakers.	
								Replace shaker screens to prevent mud dumping across.	
								Drill from 848m	

Date: 22 Aug 2011				Daily Cost: AUD 76,327				Report Number: 21	
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description	
IH1	P	DRA		00:00	05:10	5.17	885.8	Drill from 848m to 885.80m using KCL/Guar mud system	
IH1	P	CRS		05:10	05:30	0.33	885.8	Circulate bottoms up to check sample.	
IH1	P	DRA		05:30	14:30	9.00	950.0	Drill 8 1/2" hole section from 885.8m to 950m TD	
IH1	P	CMD		14:30	18:00	3.50	950.0	Circulate and condition hole. Pason install Trip Tank equipment.	
IH1	P	TRO		18:00	21:00	3.00	950.0	POOH for wiper trip-test BOPs	
IH1	P	RUD		21:00	21:45	0.75	950.0	Stop trip to rig down and layout diverter inner assembly to allow BHA removal.	

IH1	P	TRO		21:45	24:00	2.25	950.0	Continue to POOH for BOP testing and wiper trip. BHA in hole 261.71m
-----	---	-----	--	-------	-------	------	-------	--

Date: 23 Aug 2011				Daily Cost: AUD 124,059				Report Number: 22
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	TP	TRO	REQ	00:00	00:30	0.50	950.0	Make adjustments to Pason calibration with Pason tech
IH1	P	TRO		00:30	02:45	2.25	950.0	Continue to POOH 261.71m of BHA assembly laying out.
IH1	P	RUD		02:45	03:00	0.25	950.0	Break out and rig down stabiliser from BHA
IH1	P	RUD		03:00	03:45	0.75	950.0	Pick up and make up wear bushing retrieval tool on a single joint of 3 1/2" drill pipe and latch into bushing, retract lockscrews and retrieve bushing.
IH1	P	RUD		03:45	04:15	0.50	950.0	Remove retrieval tool and invert for running as test plug, remove tell tale plug from wellhead assembly and set tool into wellhead.
IH1	P	RUD		04:15	05:00	0.75	950.0	Hold PJSM with BJ and rig crew for pressure testing BOPs, review BJ JSA and raise permits. Discuss testing procedure and sequence. Rig up BJ for test.
IH1	P	BOP		05:00	09:00	4.00	950.0	BOP testing-Test BJ lines to 3000 psi-Test BOPs to 250 psi low and 3000 psi high for rams and Annular to 250 psi low and 1500 psi high for 5 minutes. All test ok.
IH1	P	TRI		09:00	16:00	7.00	950.0	RIH to condition hole for Wireline Logging operations
IH1	P	CMD		16:00	17:30	1.50	950.0	Circulate and Condition hole. Bottoms up trip gas 10% (100,000ppm)
IH1	P	TRO		17:30	24:00	6.50	950.0	POOH to run Wireline Logs.

Date: 24 Aug 2011				Daily Cost: AUD 148,108				Report Number: 23
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	RUD		00:00	01:00	1.00	950.0	Hold PJSM with Schlumberger, raise permits and discuss proposed logging program. Rig up SLB sheaves and handling equipment.
IH1	P	LOG		01:00	10:00	9.00	950.0	Run wireline logs as per program. TD tagged at 02:30 hrs ,loggers depth 950m- loggers casing depth is 418m (drillers depth 417.8m) Run 1 is PEX-SONIC-SP
IH1	P	LOG		10:00	14:00	4.00	950.0	Logging run #2 FMI-Sonic Scanner -Gr-SP (misrun)
IH1	P	LOG		14:00	22:00	8.00	950.0	Logging run #3 -FMI-Sonic Scanner-Gr
IH1	P	LOG		22:00	24:00	2.00	950.0	Logging run #4 Sonic Scanner (Rerun)

Date: 25 Aug 2011				Daily Cost: AUD 263,347				Report Number: 24
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	LOG		00:00	02:00	2.00	950.0	Continue logging run # 4 (Rerun)
IH1	P	LOG		02:00	03:30	1.50	950.0	Lay down run #4 tools and pick up run #5 tools.
IH1	P	LOG		03:30	05:30	2.00	950.0	Run in with tools for Run #5-MDT Start run
IH1	P	LOG		05:30	06:00	0.50	950.0	Logging run # 5 MDT
IH1	P	LOG		06:00	14:30	8.50	950.0	Run # 5 MDT pressure testing.
IH1	P	LOG		14:30	18:00	3.50	950.0	Run #5 Mini DST
IH1	P	LOG		18:00	22:45	4.75	950.0	Run # 5 Mini Frac @ 895m
IH1	P	LOG		22:45	24:00	1.25	950.0	Run # 5 Mini DST

Date: 26 Aug 2011				Daily Cost: AUD 85,669				Report Number: 25
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	LOG		00:00	01:15	1.25	950.0	Run # 5 Mini DST in progress until 01:15 hrs
IH1	P	LOG		01:15	02:00	0.75	950.0	POOH logging tools.
IH1	P	LOG		02:00	04:00	2.00	950.0	Rig down Schlumberger
IH1	P	RUD		04:00	04:35	0.58	950.0	Rig up to run open ended 3 1/2" drill pipe for cement plug back operations.
IH1	P	TRI		04:35	06:00	1.42	950.0	RIH with open ended 3 1/2" drill pipe for cement plug back operations.
IH1	P	WOR		06:00	10:30	4.50	950.0	RIH to shoe and standby for approval to plug well back to

IH1	P	TRI		10:30	14:30	4.00	950.0	515m RIH from shoe to 950m
IH1	P	CMD		14:30	17:30	3.00	950.0	Circulate and condition mud, circulate out 10% trip gas. BJ rig in lines and equipment for setting plugs.
IH1	P	EDM		17:30	17:45	0.25	950.0	PJSM before setting plugs. Define roles and responsibilities for all crew members.
IH1	P	RDC		17:45	18:00	0.25	950.0	BJ rig up lines on rig floor.
IH1	P	RDC		18:00	18:15	0.25	950.0	BJ pressure test lines to 1000 psi, ok.
IH1	P	RDC		18:15	18:30	0.25	950.0	Prepare chemicals and take on water-check calculations.
IH1	P	RDC		18:30	19:00	0.50	950.0	Mix chemicals and take on water.
IH1	P	CMT		19:00	19:25	0.42	836.0	Mix and pump 27.6 bbls of 13.6 ppg cement and displace with 14 bbls water. Plug # 1 950m- 836m
IH1	P	TRO		19:25	19:45	0.33	836.0	POOH 11 joints to next plug set depth, 836m
IH1	P	CMD		19:45	20:05	0.33	836.0	Circulate bottoms up with rig pumps-2700 strokes to flush any excess cement.
IH1	P	RDC		20:05	20:15	0.17	836.0	Back off top drive and rig up cement pump down sub.
IH1	P	RDC		20:15	20:40	0.42	836.0	Take on water and chemical and prepare for #2 cement plug.
IH1	P	RDC		20:40	21:00	0.33	836.0	Pump 5 bbls water-take on additional chemical and mix (slow)
IH1	P	CMT		21:00	21:15	0.25	731.0	Mix and pump away 27.6 bbls of 15.6 ppg cement. Plug # 2 from 836m-731m
IH1	P	CMT		21:15	21:20	0.08	731.0	Displace with 12 bbls of drilling fluid.
IH1	P	RUD		21:20	21:25	0.08	731.0	Rig down cement lines and pump in sub.
IH1	P	TRO		21:25	21:45	0.33	731.0	POOH 11 joints to circulate bottoms up prior to pumping plug #3
IH1	P	CRS		21:45	22:00	0.25	731.0	Circulate bottoms up to clear any excess cement.
IH1	P	RDC		22:00	23:05	1.08	731.0	Prepare for plug #3, BJ cleaning and setting up, take on chemicals and premix.
IH1	P	CMT		23:05	23:30	0.42	625.0	Mix and pump 27.6 bbls of 15.6 ppg cement. Plug #3 731m-625m
IH1	P	CMT		23:30	23:35	0.08	625.0	Displace cement with 10 bbls of drilling fluid.
IH1	P	RDC		23:35	23:40	0.08	625.0	Rig down cement lines and pump in sub
IH1	P	TRO		23:40	24:00	0.33	625.0	POOH 11 joints and establish circulation to clear excess cement.

Date: 27 Aug 2011				Daily Cost: AUD 96,238				Report Number: 26
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	CRS		00:00	00:20	0.33	625.0	Circulate 2500 stks to clear any excess cement, cement returns to surface.
IH1	P	TRO		00:20	01:00	0.67	625.0	POOH to shoe to wait on BJ cementing crew to have rest period-on duty 16 hours.
IH1	P	CRS		01:00	01:30	0.50	625.0	Circulate around to clear any excess cement.
IH1	U	WOO		01:30	06:00	4.50	625.0	Wait on BJ cement crew to have regulatory rest period. Pipe inside shoe at 413m. Refill water tanks ready for cement work.
IH1	U	WOO		06:00	09:00	3.00	625.0	Wait on BJ cement crew to have regulatory rest period. Pipe inside shoe at 413m.
IH1	U	TRI		09:00	10:30	1.50	625.0	RIH to top of cement @ 625m.
IH1	U	EDM		10:30	11:00	0.50	625.0	Hold PJSM with BJ and rig crew for cement operations for plug back #4
IH1	P	CMT		11:00	12:00	1.00	625.0	Mix , pump and displace cement plug #4-Cement plug short on volume due to BJ running out of cement in bulk, 17 bbls of 15.6 ppg cement pumped away OK.
IH1	P	TRO		12:00	12:30	0.50	625.0	POOH to 557m and establish circulation.
IH1	P	CRS		12:30	13:00	0.50	625.0	Circulate around 2500 stks at 250 GPM to clear any excess cement.
IH1	U	TRO		13:00	13:30	0.50	625.0	POOH to inside shoe @ 413 m to wait on cement delivery.
IH1	U	WOO		13:30	15:00	1.50	625.0	Wait on cement and water delivery.
IH1	U	WOO		15:00	16:00	1.00	625.0	RIH to 538m and establish circulation.
IH1	U	WOO		16:00	18:00	2.00	625.0	Circulate while waiting on water truck.
IH1	U	TRI		18:00	18:30	0.50	625.0	Circulate down to tag cement @ 569m

IH1	U	CMD		18:30	19:00	0.50	625.0	Circulate @ 569m while cementing preparations in progress. Water truck now on site.
IH1	U	EDM		19:00	19:20	0.33	625.0	Hold PJSM with rig crew and BJ crew for cement operations plug #5
IH1	U	CMT		19:20	19:30	0.17	625.0	Pump 5 bbls water spacer and top up with water in cement unit.
IH1	U	CMT		19:30	19:45	0.25	490.0	Mix, pump and displace 19 bbls of 15.6 ppg cement OK Plug back from 569m to 490m.
IH1	U	RDC		19:45	19:50	0.08	490.0	Rig down cement lines and pump in sub.
IH1	P	TRO		19:50	20:05	0.25	490.0	POOH 8 joints to circulate around any excess cement.
IH1	P	CRS		20:05	20:30	0.42	490.0	Circulate to clear any excess cement.
IH1	P	TRO		20:30	22:15	1.75	490.0	POOH with open ended pipe to pick up cement dress BHA
IH1	P	RUD		22:15	24:00	1.75	490.0	Pick up and make up 8 1/2" BHA for dressing out cement.

Date: 28 Aug 2011				Daily Cost: AUD 88,086				Report Number: 27
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	RUD		00:00	01:30	1.50	490.0	RIH BHA components.
IH1	P	TRI		01:30	03:15	1.75	490.0	RIH to casing shoe with BHA to dress cement. Check cement samples.
IH1	P	CMT		03:15	04:30	1.25	490.0	WOC-Samples still very soft.
IH1	P	TRI		04:30	05:15	0.75	490.0	RIH to 496m to tag cement. No tag evident on bit weight or pump pressure readings. Cement surface samples still quite soft.
IH1	P	CMT		05:15	07:30	2.25	490.0	WOC to harden to dress out to 517m.
IH1	P	TRI		07:30	08:00	0.50	490.0	RIH, tag TOC at 499.36m
IH1	P	DRC		08:00	09:00	1.00	517.0	Dress cement plug from 499.36m to 517m
IH1	P	CMD		09:00	09:30	0.50	517.0	Circulate hole clean.
IH1	P	TRO		09:30	10:30	1.00	517.0	POOH 14 Jts of 3 1/2" drill pipe.
IH1	TP	TRO	REQ	10:30	11:00	0.50	517.0	Slip retainers fail, lose 4 x slip buttons. Look for buttons, find only one.
IH1	TP	TRO	REQ	11:00	11:15	0.25	517.0	Replace 4 x button dies.
IH1	P	TRO		11:15	13:30	2.25	517.0	POOH
IH1	P	WBH		13:30	13:45	0.25	517.0	Pull Wear Bushing
IH1	TP	FSH	REQ	13:45	14:30	0.75	517.0	Attach tugger line to 5 1/2" magnet and fish cellar for missing slip dies. Find one on sub base. 3 unaccounted for.
IH1	TP	FSH	REQ	14:30	16:00	1.50	517.0	Line out and measure fishing tools
IH1	TP	FSH	REQ	16:00	17:30	1.50	517.0	Make up 7" magnet Fishing BHA
IH1	TP	FSH	REQ	17:30	20:15	2.75	517.0	RIH 7" magnet Fishing BHA
IH1	TP	FSH	REQ	20:15	20:25	0.17	517.0	Tag bottom and confirm-drill down 130mm using 25 rpm and 30 SPM flow to centre fish inside magnet basket. Stop circulation with tools on bottom before picking up.
IH1	TP	FSH	REQ	20:25	22:30	2.08	517.0	POOH with fishing magnet BHA assembly.
IH1	TP	FSH	REQ	22:30	23:00	0.50	517.0	Magnet at surface-clean of junk-evaluate minor debris on magnet and wear marks to establish integrity of fishing run-marks consistent with working over fish if fish was in place, confer with Day Company man and decide to run casing.
IH1	TP	FSH	REQ	23:00	23:30	0.50	517.0	Search around rig base adjacent to cellar and find another insert leaving 2 not accounted for.
IH1	P	RUD		23:30	24:00	0.50	517.0	Break down and layout fishing BHA.
IH1	P	RUD		23:30	24:00	0.50	517.0	Rig up to run casing-clear racks of drill pipe and start to remove iron roughneck from Rig floor.

Date: 29 Aug 2011				Daily Cost: AUD 111,189				Report Number: 28
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	RUD		00:00	02:15	2.25	517.0	Continue to rig up for 7" casing and rig down iron roughneck.
IH1	P	EDM		02:15	02:30	0.25	517.0	Hold PJSM with Rig crew and PCS crew and review JSA document.
IH1	P	RUD		02:30	03:15	0.75	517.0	Make up shoe track assembly on rig floor and adjust load safe pipe handler to suit Range 1 lengths.

IH1	P	RCG		03:15	09:30	6.25	517.0	RIH 85 joints of 7" 23 ppf, K55 BTC casing filling every 10 lengths (60m)
IH1	P	CIC		09:30	10:00	0.50	517.0	Make up circulating head to 3 1/2" drill pipe, and circulate to bottom.
IH1	P	RCG		10:00	12:00	2.00	517.0	Make up casing landing joint to Cameron running tool and land casing.
IH1	P	PRT		12:00	12:30	0.50	517.0	Pressure Test well head seals to 3000 psi for 15 minutes, OK.
IH1	P	RRC		12:30	13:30	1.00	517.0	Rig out PCS casing running gear.
IH1	P	RDC		13:30	14:00	0.50	517.0	Rig up cementing lines and cementing head.
IH1	P	CMT		14:00	16:15	2.25	517.0	Cement 7" 23 ppf K55 BTC casing, pumping 5 bbls water and pressure test to 2000 ppsi, OK. Pump 5 bbls pre flush, pump 46 bbls 11.8 ppg Lead, pump 11 bbls 15.0 ppg Tail, displace with 66 bbls of water, CIP @ 16:10. Approximately 3 bbls cement returns.
IH1	P	RDC		16:15	20:00	3.75	515.0	Rig out BJ cementers and WOC prior to bleeding off and removing cement head and valves. Shut down rig for servicing and reinstall hydraulic components to allow survey winch system to operate again.
IH1	P	RDC		20:00	22:00	2.00	515.0	Start Rig and rig down cement head and valves-no bleed back. Back out hanger setting tool and lay down. Rig down and lay out casing handling elevators and slings. Pick up Iron roughneck and reinstall to rig. Pick up gear to install wear bush.
IH1	P	RUD		22:00	23:00	1.00	515.0	Make up running gear for wear bush installation and set wear bush.
IH1	P	RUD		23:00	24:00	1.00	515.0	Rig up to run new BHA components, change out slips and dies, lay down 8.5 inch floor components.

Date: 30 Aug 2011				Daily Cost: AUD 61,632				Report Number: 29
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
IH1	P	RUD		00:00	01:45	1.75	517.0	Continued with preparation to run 6 1/8" BHA (388.47m).
IH1	P	TRI		01:45	05:30	3.75	517.0	Picked up and RIH to 496m with 6 1/8" BHA. Nearly all new connections in BHA had to be made up and broken out twice.
IH1	P	DFS		05:30	06:00	0.50	517.0	Washed down 2 singles to T.O.C @ 508m.
IH1	P	DFS		06:00	06:30	0.50	519.0	Drilled wiper plug, float collar, shoe track, float shoe and cement plug to 519m.
IH1	P	CMD		06:30	07:30	1.00	519.0	Circulated bottoms up till shakers clean.
IH1	P	PRT		07:30	12:00	4.50	519.0	Connected BJ test line into rig stand pipe manifold. Dismantled section of manifold to install BJ valve and union for tie in.
IH1	P	PRT		12:00	12:30	0.50	519.0	Continued to tie in BJ test line to rig manifold.
IH1	P	PRT		12:30	13:30	1.00	519.0	BJ conducted F.I.T to 1000psi with 8.6ppg mud. EMW = 20ppg.
IH1	P	DRC		13:30	15:30	2.00	528.5	Dressed cement from 519m to 528.5m.
IH1	P	CMD		15:30	16:15	0.75	528.5	Circulated hole clean. Took SCR on #1 pump @ 60spm = 60psi.
IH1	P	TRO		16:15	20:45	4.50	528.5	POOH to surface. Laid out BHA and bit. Filled hole every 5 joints.
IH1	P	WHR		20:45	21:45	1.00	528.5	Changed X/O on top drive. Retrieved wear bushing. Made up and set test plug in wellhead.
IH1	P	EDM		21:45	22:15	0.50	528.5	Held PJSM with BJ and rig crew for pressure testing BOP's.
IH1	P	PRT		22:15	24:00	1.75	528.5	Pressure tested Pipe Rams and inner Choke and Kill line manual valves to 250psi (5min) and 3000psi (10min). Pressure tested Pipe Rams and outer Choke and Kill line manual valves to 250psi (5min) and 3000psi (10min). All tests OK.

Date: 31 Aug 2011				Daily Cost: AUD 55,342				Report Number: 30
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description

IH1	P	PRT		00:00	02:15	2.25	528.5	Pressure tested Pipe Rams, #1, #2 & #3 Choke manifold manual valves to 250psi (5min) and 3000psi (10min). Pressure tested Pipe Rams, #4, #5 & #6 Choke manifold manual valves to 250psi (5min) and 3000psi (10min). Pressure tested annular to 250psi (5min) and 1500psi (10min). All tests OK.
IH1	P	PRT		02:15	02:45	0.50	528.5	Backed out test joint from test plug and POOH. Close blind rams and test to 250psi (5min) and 3000psi (10min) - OK.
IH1	P	PRT		02:45	05:15	2.50	528.5	Changed X/O on top drive. Made up surface well control valves singly to top drive and pressure tested to 250psi (5min) and 3000psi (10min). 3 separate tests - Kelly Cock, F.O.S.V and Grey valve. All tests OK. Rigged down X/O.
IH1	P	WBH		05:15	06:30	1.25	528.5	Picked up test joint. Retrieved test plug and installed wear bushing. Tied down wear bushing. Laid out test plug and test joint. Lined up valves on BOP and Choke manifold for drilling.
PR1	P	HDB		06:30	08:00	1.50	528.5	Made up 6 1/8" bit to motor. Adjusted motor offset to 1.22degrees. Made up MWD tool string and installed probe. Scribed directional assembly for 60m.
PR1	P	MWD		08:00	08:30	0.50	528.5	Shallow tested motor and MWD tool string.
PR1	P	HDB		08:30	12:00	3.50	528.5	Continued RIH handling 6 1/8" directional BHA from 60m to 415.1m.
PR1	P	TRI		12:00	13:30	1.50	528.5	Continued RIH with 6 1/8" directional BHA on 3 1/2" drill pipe from 415.1m to 520m.
PR1	P	CMD		13:30	14:00	0.50	528.5	Broke circulation and washed from 520m to 528.5m. Circulated bottoms up.
PR1	P	OTH		14:00	17:00	3.00	528.5	Rigged up and ran Gyro (2 runs) to orient tool face for kick off.
PR1	P	CDD		17:00	24:00	7.00	529.0	Time drilled from 528m to 529m with 6 1/8" directional assembly to kick off from well bore. ROP 0.15 m/ hr. Motor RPM = 128. Flow rate = 160gpm. (100% cement cuttings at 2400hrs).

Date: 01 Sep 2011				Daily Cost: AUD 59,172				Report Number: 31	
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description	
PR1	P	CDD		00:00	06:00	6.00	530.0	Continued time drilling from 529m to 530m with 6 1/8" directional assembly to kick off from well bore. ROP 0.15 to 0.2 m/ hr. Motor RPM = 128. Flow rate = 160gpm. WOB = 0.5 Kips. Cuttings = Cement 98% - Formation 2%.	
PR1	P	CDD		06:00	09:00	3.00	530.5	Continued time drilling from 530m to 530.5m with 6 1/8" directional assembly to kick off from well bore. ROP 0.15 to 0.2 m/ hr. Motor RPM = 128. Flow rate = 160gpm. WOB = 0.5 Kips. Cuttings = Cement 75% - Formation 25%.	
PR1	P	CDD		09:00	12:00	3.00	531.0	Continued time drilling from 530.5m to 531m with 6 1/8" directional assembly to kick off from well bore. ROP 0.15 to 0.2 m/ hr. Motor RPM = 128. Flow rate = 160gpm. WOB = 0.5 Kips. Cuttings = Cement 70% - Formation 30%.	
PR1	P	CDD		12:00	15:00	3.00	531.7	Continued time drilling from 531m to 531.7m with 6 1/8" directional assembly to kick off from well bore. ROP 0.2 to 0.23 m/ hr. Motor RPM = 128. Flow rate = 160gpm. WOB = 1.5 Kips. Cuttings = Cement 65% - Formation 35%.	
PR1	P	CDD		15:00	18:00	3.00	532.8	Continued time drilling from 531.7m to 532.8m with 6 1/8" directional assembly to kick off from well bore. ROP 0.3 to 0.36m/ hr. Motor RPM = 128. Flow rate = 160gpm. WOB = 2.5 Kips. Cuttings = Cement 70% - Formation 30%.	
PR1	P	CDD		18:00	21:00	3.00	534.0	Continued time drilling from 532.8m to 534m with 6 1/8" directional assembly to kick off from well bore. ROP 0.36 to 0.4m/ hr. Motor RPM = 128. Flow rate = 160gpm. WOB = 4 Kips. Cuttings = Cement 50% - Formation 50%.	
PR1	P	CDD		21:00	23:00	2.00	535.5	Continued time drilling from 534m to 535.5m with 6 1/8" directional assembly to kick off from well bore.	



Activity Report

Baldwin-2

								ROP 0.5m/ hr. Motor RPM = 128. Flow rate = 160gpm. WOB = 5 Kips. Cuttings = Cement 0% - Formation 100%. Confirmed sidetrack kick off achieved.
PR1	P	DRM		23:00	24:00	1.00	536.5	Directional drilled from 535.5m to 536.5m with 6 1/8" directional assembly. ROP 0.5m/ hr. Motor RPM = 128. Flow rate = 160gpm. WOB = 6 Kips.

Date: 02 Sep 2011				Daily Cost: AUD 59,038				Report Number: 1
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	03:00	3.00	547.0	Continued directional drilling 6 1/8" hole from 536.5m to 547m. Ream joint before connection. ROP 3.5 m/h. Motor RPM = 180. Flow rate = 200 gpm. WOB = 10-12 Kips.
PR0	P	DRM		03:00	05:00	2.00	559.0	Continued directional drilling 6 1/8" hole from 547m to 559m. Ream joint before connection. ROP 5.3 m/h. Motor RPM = 180. Flow rate = 200 gpm. WOB = 12-15 Kips.
PR0	P	DRM		05:00	06:30	1.50	568.9	Continued directional drilling 6 1/8" hole. Slide from 559m to 563m, toolface 030 deg. Rotary drill from 563m to 568.9m. 25 RPM - 200 gpm - Diff pressure 100psi.
PR0	P	DRM		06:30	08:00	1.50	578.5	Continued directional drilling 6 1/8" hole. Slide from 568.9m to 571.9m, toolface 015 deg. Rotary drill from 571.9m to 578.5m. 25 RPM - 200 gpm - Diff pressure 100psi.
PR0	P	DRM		08:00	09:00	1.00	583.5	Continued directional drilling 6 1/8" hole. Slide from 578.5m to 581.5m, toolface 015 deg. Rotary drill from 581.5m to 583.5m. 25 RPM - 200 gpm - Diff pressure 100psi.
PR0	U	CMD		09:00	09:30	0.50	583.5	Noted large increase in doglegs and stopped drilling. Reciprocated and reamed string while discuss forward plan with town.
PR0	U	TRO		09:30	12:00	2.50	583.5	POOH from 583.5m to 206m. Trip out to reduce offset on motor. Back reamed from 583.5 to 528m.
PR0	U	TRO		12:00	14:30	2.50	583.5	Continued POOH from 206m to surface. Laid out BHA. Adjusted motor offset to .69 degrees.
PR0	U	RGS		14:30	15:30	1.00	583.5	Lubricated rig. Performed prestart checks. Serviced and changed oil in rotating head.
PR0	U	RGO		15:30	15:45	0.25	583.5	Installed new Bell nipple on BOP.
PR0	U	TRI		15:45	20:00	4.25	583.5	Make up BHA. Laid out Gyro sub. Re orient and scribe toolface. RIH to 583.5m.
PR0	P	DRM		20:00	20:45	0.75	587.1	Rotary drilled from 583.5m to 587.1m. Hydraulic fitting broke on top drive.
PR0	TP	RRP	REQ	20:45	21:30	0.75	587.1	Repair broken hydraulic fitting on top drive.
PR0	P	DRM		21:30	24:00	2.50	596.7	Rotary drilled from 587.1m to 593m. Slide from 593m to 595m. Rotary drill from 595m to 596.7m. 25 RPM - 200 gpm - Diff pressure 100psi.

Date: 03 Sep 2011				Daily Cost: AUD 59,753				Report Number: 2
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	06:15	6.25	629.6	Slide and rotary drilled from 596.7m to 629.6m. 25 RPM - 200 gpm - Differential pressure 50-70psi - WOB 12-14 Kips.
PR0	P	DRM		06:15	07:45	1.50	635.2	Slide and rotary drilled from 629.6m to 635.2m. 25 RPM - 200 gpm - Differential pressure 75psi - WOB 12-14 Kips.
PR0	P	DRM		07:45	12:00	4.25	667.0	Slide and rotary drilled from 635.2m to 667m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 14-16 Kips.
PR0	P	DRM		12:00	24:00	12.00	731.0	Slide and rotary drilled from 667m to 731m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 14-16 Kips.

Date: 04 Sep 2011				Daily Cost: AUD 59,569				Report Number: 3
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	05:00	5.00	760.3	Slide and rotary drilled from 731m to 760.3m. 25 RPM - 220 gpm - Differential pressure 80-100psi - WOB 14-16 Kips. Survey indicated a large increase in dogleg severity.
PR0	P	RMW		05:00	07:15	2.25	760.3	Attempted to reduce dogleg severity by reaming from 760.3 to 750m. Reamed twice with toolface on low side then rotary reamed three times. Laid out 1 joint of drill pipe and repeated the above reaming procedure from 750m to 740m.



Activity Report

Baldwin-2H Drill

PR0	P	DRM		07:15	12:00	4.75	787.0	Slide and rotary drilled from 760.3m to 787m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 14-16 Kips.
PR0	P	DRM		12:00	14:45	2.75	798.7	Slide and rotary drilled from 787m to 798.7m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 14-16 Kips.
PR0	P	CMD		14:45	15:30	0.75	798.7	Circulated till shakers clean in preparation for trip out of hole.
PR0	P	TRO		15:30	20:00	4.50	798.7	Flow checked well - Static. POOH from 798m to surface to change bit and to reposition 3 1/2" HWDP and DC's in string. Removed MWD probe. Laid out bit. (Flow checked at 7" casing shoe and prior to BHA entering BOP.)
PR0	P	TRI		20:00	24:00	4.00	798.7	Made up new 6 1/8" bit. Installed MWD probe. RIH from surface to 638m. Picked up 40 joints x 3 1/2" DP on top of NMDC. Held trip drill while RIH (30seconds).

Date: 05 Sep 2011				Daily Cost: AUD 83,503				Report Number: 4
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	TRI		00:00	01:30	1.50	798.7	Continued RIH with 6 1/8" directional drilling assembly from 638m to 798.7m. No fill on bottom. Held trip drill while RIH (30seconds).
PR0	P	DRM		01:30	06:00	4.50	824.1	Slide and rotary drilled from 798.7m to 824.1m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 14-16 Kips.
PR0	P	DRM		06:00	12:00	6.00	862.5	Slide and rotary drilled from 824.1m to 862.5m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 14-16 Kips.
PR0	P	DRM		12:00	18:00	6.00	885.0	Slide and rotary drilled from 862.5m to 885m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 14-16 Kips.
PR0	TP	DRM	TPY	18:00	18:30	0.50	885.0	Circulate and reciprocate drill string while Geoservices re-boot computer system and re-calibrate equipment.
PR0	P	DRM		18:30	24:00	5.50	906.0	Slide and rotary drilled from 885m to 906m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 14-16 Kips.

Date: 06 Sep 2011				Daily Cost: AUD 71,141				Report Number: 5
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	12:00	12.00	967.0	Slide and rotary drilled from 906m to 967m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 14-16 Kips.
PR0	P	DRM		12:00	13:00	1.00	971.7	Slide and rotary drilled from 967m to 971.7m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 14-16 Kips.
PR0	TP	DRM	TPY	13:00	13:30	0.50	971.7	Sudden increase in stand pipe pressure blew PRV on mud pump. Trouble shoot high stand pipe pressure problem. Re-set mud pump PRV. Unable to achieve flow rate required for drilling due to high stand pipe pressure. Suspect blockage in bit or motor.
PR0	TP	CMD	TPY	13:30	14:00	0.50	971.7	Circulate hole clean at reduced flow rate due to high stand pipe pressure..
PR0	TP	TRO	TPY	14:00	19:30	5.50	971.7	Flow checked - Well static. POOH from 971.7 to surface. Flow checked at 7" casing shoe and BHA. Observed section of rubber stabilizer missing from MWD probe, (60mm x 10mm x 10mm). Attempted to shallow test motor and observed high pressure. Suspect rubber from MWD stabilizer lodged in motor. Laid out motor and bit. Serviced rig and drill floor equipment.
PR0	P	RGS		19:30	20:00	0.50	971.7	Picked up running tool and retrieved wear bushing.
PR0	P	PRT		20:00	20:30	0.50	971.7	Made up test plug assembly. RIH and set test plug.
PR0	P	PRT		20:30	21:00	0.50	971.7	Held JHA for pressure test BOP. BJ rig up and pressure test surface lines Upper Kelly Cock and mud pump isolation valves to 250psi (5min) and 3000psi (10min).
PR0	P	PRT		21:00	22:00	1.00	971.7	Attempted to pressure test Pipe rams and Inner Choke and Kill line valves. Leaking past pipe rams. Functioned
PR0	P	PRT		22:00	24:00	2.00	971.7	

								pipe rams several times and increased manifold pressure to 1800psi. Re-tested still leaked past pipe rams. Opened pipe ram bonnets and inspected ram rubbers - OK. Observed compacted cuttings on top of ram bodies, cleaned off cuttings. Closed bonnets and re-torqued bonnet bolts.
--	--	--	--	--	--	--	--	--

Date: 07 Sep 2011				Daily Cost: AUD 89,895				Report Number: 6
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	PRT		00:00	02:00	2.00	971.7	Re-tested pipe rams and inner Choke/ Kill valves to 250psi (5mins) 3000psi (10min). Tested pipe rams and outer Choke/ Kill valves to 250psi (5mins) 3000psi (10min). Tested pipe rams and 3 x outer Choke manifold valves to 250psi (5mins) 3000psi (10min). Attempted to test pipe rams and 3 x inner Choke manifold valves, observed leak at flange between bottom of BOP and 3K drilling spool.
PR0	P	PRT		02:00	02:45	0.75	971.7	Modified wrench and re-torqued bolts on BOP/ 3K drilling spool connection.
PR0	P	PRT		02:45	04:45	2.00	971.7	Tested pipe rams and 3 x inner Choke manifold valves to 250psi (5mins) 3000psi (10min). Tested annular and 3 x inner Choke manifold valves to 250psi (5mins) 1500psi (10min). Backed out test joint from test plug and pulled test joint to surface. Tested blind rams and 3 x inner Choke manifold valves to 250psi (5mins) 3000psi (10min). Picked up test joint, pulled and laid out test plug assembly.
PR0	P	WBH		04:45	05:30	0.75	971.7	Made up running tool. Installed wear bushing. Laid out running tool.
PR0	P	TRI		05:30	12:00	6.50	971.7	Made up new mud motor and bit. Handle directional BHA. Install MWD probe and scribe motor. Shallow test motor. RIH with 6 1/8" directional assembly to 900m. Break circulation at 515m (7" casing shoe).
PR0	P	TRI		12:00	13:00	1.00	971.7	RIH with 6 1/8" directional assembly to 945m.
PR0	P	RMW		13:00	13:30	0.50	971.7	Break circulation. Wash from 945m to 971.7m. No fill.
PR0	P	DRM		13:30	24:00	10.50	1,022.0	Slide and rotary drilled from 971.7m to 1022m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 15-20 Kips.

Date: 08 Sep 2011				Daily Cost: AUD 70,403				Report Number: 7
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	12:00	12.00	1,089.2	Slide and rotary drilled from 1022m to 1089.2m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 15-20 Kips.
PR0	P	DRM		12:00	24:00	12.00	1,185.0	Slide and rotary drilled from 1089.2m to 1185m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 15-20 Kips.

Date: 09 Sep 2011				Daily Cost: AUD 63,556				Report Number: 8
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	08:45	8.75	1,243.5	Slide and rotary drilled from 1185m to 1243.5m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 15-20 Kips.
PR0	P	CMD		08:45	09:45	1.00	1,243.5	Circulated and conditioned mud prior to POOH for BHA change.
PR0	P	TRO		09:45	12:00	2.25	1,243.5	Flow checked - Well static. POOH from 1243.5m to 790m.
PR0	P	TRO		12:00	17:00	5.00	1,243.5	Continued POOH from 790m to 28.7m (top of NMDC). Flow checked at 7" casing shoe and BHA.
PR0	P	RGS		17:00	17:30	0.50	1,243.5	Serviced rig carrier and rig floor equipment while wait on orders.
PR0	P	HDB		17:30	20:00	2.50	1,243.5	Continued POOH handling directional BHA. Laid out



Activity Report

Baldwin-2H Drill

PR0	P	TRI		20:00	24:00	4.00	1,243.5	MWD probe. Replaced motor stabilizer with slick motor sleeve. Re-installed MWD probe. Made up NMDC's to 28.7m. RIH with 6 1/8" directional BHA on 3 1/2" drill pipe from 28.7m to 518m. Filled drill string at 300m.
-----	---	-----	--	-------	-------	------	---------	---

Date: 10 Sep 2011				Daily Cost: AUD 58,667				Report Number: 9
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	TRI		00:00	01:00	1.00	1,243.5	Continued RIH with 6 1/8" directional BHA on 3 1/2" drill pipe from 518m to 962mm. Filled drill string. Directional driller observed no EM signal from MWD while circulating to fill drill string.
PR0	TP	TRI	MWD	01:00	02:00	1.00	1,243.5	Directional driller attempted to re-establish EM signal from MWD. Ran auxiliary cable, cleaned surface contact points and checked antenna. Unable to establish EM signal.
PR0	TP	TRO	MWD	02:00	05:15	3.25	1,243.5	Flow checked - Well static. POOH with 6 1/8" directional assembly on 3 1/2" DP from 692m to 28.7m. Flow checked at 7" casing shoe and BHA.
PR0	TP	HDB	MWD	05:15	06:00	0.75	1,243.5	Laid out NMDC's, removed MWD probe and laid out Gap Sub.
PR0	TP	MWD	MWD	06:00	06:30	0.50	1,243.5	Directional driller trouble shooting fault in MWD tools. Found Gap Sub was defective.
PR0	TP	HDB	MWD	06:30	07:00	0.50	1,243.5	Made up new Gap Sub and re-installed MWD probe. Made up NMDC's to 28.6m.
PR0	TP	TRI	MWD	07:00	08:45	1.75	1,243.5	RIH with 6 1/8" directional assembly on 3 1/2" DP to 528m.
PR0	TP	MWD	MWD	08:45	09:00	0.25	1,243.5	Filled drill string, broke circulation and tested MWD - All OK, had good EM signal.
PR0	P	TRI		09:00	12:00	3.00	1,243.5	Continued RIH with 6 1/8" directional assembly on 3 1/2" DP from 528m to 930.3m. Filled drill string at 930m.
PR0	P	TRI		12:00	13:45	1.75	1,243.5	Continued RIH with 6 1/8" directional assembly on 3 1/2" DP from 930.3m to 1214m.
PR0	P	RMW		13:45	14:00	0.25	1,243.5	Filled drill string. Washed from 1214m to 1243.5m. No fill.
PR0	P	DRM		14:00	24:00	10.00	1,346.0	Slide and rotary drilled from 1243.5m to 1346m. 25 RPM - 250 gpm - Differential pressure 100psi - WOB 15-20 Kips.

Date: 11 Sep 2011				Daily Cost: AUD 64,294				Report Number: 10
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	00:30	0.50	1,349.0	Slide and rotary drilled from 1346m to 1349m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 15-20 Kips. Observed torque increase and pressure drop.
PR0	P	CMD		00:30	01:00	0.50	1,349.0	Circulated bottoms up to flush well bore. Torque decreased to normal. Observed pressure had dropped from 850psi to 450psi then stabilized.
PR0	TP	OTH	SEF	01:00	02:00	1.00	1,349.0	Attempted to drill to check mud motor. Unable to register differential pressure. Trouble shoot pressure drop problem. Found vent line on stand pipe manifold leaking to flow line. Functioned valve but unable to stop mud from venting.
PR0	TP	RRP	SEF	02:00	03:00	1.00	1,349.0	POOH 1 joint DP. Made up Fig 602 unions on spare valve and installed in vent line. Function tested circulating system - OK.
PR0	P	DRM		03:00	05:00	2.00	1,351.0	Slide and rotary drilled from 1349m to 1351m. 25 RPM - 220 gpm - Differential pressure 100psi - WOB 15-20 Kips. UNABLE TO ATTAIN ROP WE HAD PRIOR TO PRESSURE DROP PROBLEM, DUE TO PRESSURE SPIKING AND STALLING MOTOR WHEN WEIGHT APPLIED TO BIT.
PR0	TP	TRO	DHM	05:00	12:00	7.00	1,351.0	Flow checked - Well static. POOH from 1351m to 28.6m. Flow checked at 7" casing shoe and BHA.
PR0	TP	HDB	DHM	12:00	13:30	1.50	1,351.0	Laid out NMDC's. Removed MWD probe. Checked mud motor gap, Gap found to be excessive and mud leaking through bearings. Laid out motor and PDC bit.
PR0	P	RGS		13:30	14:00	0.50	1,351.0	Serviced rig carrier and rig floor equipment.



Activity Report

Baldwin-2H Drill

PR0	P	WOR		14:00	17:00	3.00	1,351.0	Waited on instructions. Performed general housekeeping around rig floor and cellar areas.
PR0	P	HDB		17:00	18:30	1.50	1,351.0	Made up new 6 1/8" PDC bit and new mud motor. Installed MWD probe. Made up NMDC's to 27.7m.
PR0	P	TRI		18:30	24:00	5.50	1,351.0	RIH with 6 1/8" directional BHA on 3 1/2" DP from 27.7m to 806m. Filled drill string every 300m.

Date: 12 Sep 2011				Daily Cost: AUD 160,419				Report Number: 11
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	RPO		00:00	00:30	0.50	1,351.0	Rotated dies in 3 1/2" DP slips.
PR0	P	TRI		00:30	03:15	2.75	1,351.0	RIH with 6 1/8" directional BHA on 3 1/2" DP, 3 1/2" HWDP and 4 3/4" DC from 806m to 1330m. Filled drill string every 300m.
PR0	P	RMW		03:15	03:45	0.50	1,351.0	Washed and reamed down from 1330m to 1351m. Take SCR's on both pumps. Establish drilling parameters.
PR0	P	DRM		03:45	06:15	2.50	1,351.0	Attempted to rotary drill. Unable to make any progress. Tried various parameters. maximum differential pressure was less than 50psi.
PR0	TP	DRM	REQ	06:15	06:45	0.50	1,351.0	Hose on vent line leaked. Removed hose and installed bull plug on washed out vent valve.
PR0	P	DRM		06:45	07:45	1.00	1,351.0	Tested both mud pumps while attempting to drill to eliminate possibility of flow problems. - All OK. Still unable to make any ROP.
PR0	P	RRP		07:45	08:15	0.50	1,351.0	Completed changing dies in 3 1/2" slips. Troubleshoot problem on Moyno pump (trip tank). Unable to rectify problem prior to tripping. Lined up #2 mud pump for filling hole when POOH.
PR0	P	TRO		08:15	12:00	3.75	1,351.0	Flow checked - Well static. POOH from 1351m to 605m.
PR0	P	TRO		12:00	14:00	2.00	1,351.0	Continued POOH from 605m to 27.7m. Flow checked at 7" casing shoe and BHA.
PR0	P	HDB		14:00	14:30	0.50	1,351.0	Handled directional BHA from 27.7m to surface. Laid out MWD probe. Checked and confirmed mud motor shaft broken or disconnected. Laid out motor and bit.
PR0	P	RGS		14:30	15:00	0.50	1,351.0	Service rig carrier and rig floor equipment.
PR0	P	WOR		15:00	16:30	1.50	1,351.0	Waited on instructions. General rig housekeeping and cleaning.
PR0	P	HDB		16:30	17:30	1.00	1,351.0	Made up 6 1/8" directional (rotary) BHA with roller reamers to 25.6m. Installed MWD probe.
PR0	P	TRI		17:30	19:30	2.00	1,351.0	RIH with 6 1/8" directional assembly from 25.6m to 540m.
PR0	P	RMW		19:30	21:00	1.50	1,351.0	Reamed through doglegged section from 540m to 575m. Reamed and back reamed each joint 4 times.
PR0	P	TRI		21:00	24:00	3.00	1,351.0	Continued RIH with 6 1/8" directional assembly from 575m to 1073.1m.

Date: 13 Sep 2011				Daily Cost: AUD 58,312				Report Number: 12
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	TRI		00:00	00:45	0.75	1,351.0	Continued RIH with 6 1/8" directional assembly from 1073.1m to 1327m.
PR0	P	RMW		00:45	01:15	0.50	1,351.0	Washed and reamed from 1327m to 1351m. - No fill.
PR0	P	DRA		01:15	12:00	10.75	1,372.0	Rotary drilled 6 1/8" hole from 1351m to 1372m. WOB - 25 Kips, RPM - 32/40, Flow - 225 gpm.
PR0	P	DRA		12:00	13:00	1.00	1,374.0	Continued rotary drill 6 1/8" hole from 1372m to 1374.5m. WOB - 25 Kips, RPM - 32/40, Flow - 225 gpm.
PR0	P	TRO		13:00	17:00	4.00	1,374.0	Flow checked - Well static. POOH from 1374m to 25.6m.
PR0	P	HDB		17:00	18:00	1.00	1,374.0	flow checked at 7" casing shoe and BHA. Handled BHA. Laid out MWD probe, 2 x roller reamers and bit.
PR0	P	RGS		18:00	19:00	1.00	1,374.0	Serviced rig carrier, changed engine oil and filters.
PR0	P	WBH		19:00	20:00	1.00	1,374.0	Made up retrieval tool and retrieve wear bushing. Made up and set test plug in wellhead.
PR0	P	PRT		20:00	20:30	0.50	1,374.0	Held PJSM with BJ for pressure test BOP's. Barricade off high pressure test area.
PR0	P	PRT		20:30	21:30	1.00	1,374.0	Pressure tested pipe rams, inner and outer Choke and Kill line valves and Choke manifold valves (4 tests) to 250psi and 3000psi for 5/ 10mins. All tests OK.



Activity Report

Baldwin-2H Drill

PR0	P	PRT		21:30	21:30	0.00	1,374.0	Pressure tested annular to 250psi and 1500psi for 5/ 10mins. All OK.
PR0	P	PRT		21:30	22:00	0.50	1,374.0	Pressure tested blind rams and upper Kelly Cock to 250psi and 3000psi for 5/ 10mins. All OK.
PR0	P	PRT		22:00	23:15	1.25	1,374.0	Retrieved test plug. Made up F.O.S.V and inside BOP to top drive and tested to 250psi and 3000psi for 5/ 10mins.
PR0	P	WBH		23:15	24:00	0.75	1,374.0	Made up running tool and installed wear bushing. Torqued up wear bushing tie down bolts. Laid out running tool.

Date: 14 Sep 2011				Daily Cost: AUD 158,510				Report Number: 13
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	WOT		00:00	10:30	10.50	1,374.0	Waited on arrival of mud motors. Checked and redressed DP and DC slip assemblies. Prepared breakout bench for dressing mud motors. General housekeeping and cleaning around rig.
PR0	P	HDB		10:30	12:00	1.50	1,374.0	Picked up new mud motor. Removed stabilizer sleeve and installed slick sleeve. Adjusted motor offset to 0.93 degrees. Made up 6 1/8" PDC bit. Made up UBHO sub and scribed high side to motor offset. Function tested motor at 120gpm and 200gpm - OK.
PR0	P	HDB		12:00	13:00	1.00	1,374.0	Installed MWD probe and handled BHA to 27.8m.
PR0	P	TRI		13:00	15:00	2.00	1,374.0	RIH with 6 1/8" directional assembly on 3 1/2" DP from 27.8m to 460.5m.
PR0	TP	RRP	REQ	15:00	19:00	4.00	1,374.0	Troubleshoot electrical problem on rig carrier 24 volt inverter. Ran separate power cable to by pass the problem.
PR0	TP	RRP	REQ	19:00	19:30	0.50	1,374.0	Continued RIH from 460.5m to 537.42m.
PR0	P	TRI		19:30	20:00	0.50	1,374.0	Filled drill string and broke circulation. Observed no signal from MWD. RIH from 537.4m to 585.3m.
PR0	P	TRI		20:00	24:00	4.00	1,374.0	Circulated and verified good signal from MWD. Continued RIH with 6 1/8" directional assembly from 385.3m to 1235m.

Date: 15 Sep 2011				Daily Cost: AUD 58,072				Report Number: 14
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	TRI		00:00	00:15	0.25	1,374.0	Changed out worn 3 1/2" drive sub on top drive head.
PR0	P	RMW		00:15	01:00	0.75	1,374.0	Continued RIH with 6 1/8" directional assembly from 1235m to 1348.5m.
PR0	P	RMW		01:00	01:30	0.50	1,374.0	Washed and reamed from 1348.5m to 1374m.
PR0	P	DRM		01:30	10:30	9.00	1,413.0	Slide and rotary drilled 6 1/8" hole from 1374m to 1413m. RPM - 35. WOB - 8 /12 Kips. Flow - 240 gpm.
PR0	TP	RRP	REQ	10:30	11:30	1.00	1,413.0	Lost rig power. Made temporary repairs and POH from 1413m to 1403m. Lost power again. Circulated while repair rig. RIH to 1413m
PR0	P	DRM		11:30	12:00	0.50	1,414.5	Slide and rotary drilled 6 1/8" hole from 1413m to 1414.5m. RPM - 35. WOB - 8 /12 Kips. Flow - 240 gpm.
PR0	P	DRM		12:00	12:30	0.50	1,418.0	Attempted to slide. No progress with 20 Kips pulldown. Rotary drilled from 1414.5m to 1418m. Attempted to slide - No progress.
PR0	P	WPT		12:30	13:00	0.50	1,418.0	POOH from 1418m to 1386m.
PR0	P	RMW		13:00	14:00	1.00	1,418.0	Reamed from 1386m to 1418m.
PR0	TP	RMW	TPY	14:00	15:00	1.00	1,418.0	No Em signal received from MWD tools. Worked string and POOH 1 joint. Received EM signal OK.
PR0	P	DRM		15:00	15:30	0.50	1,418.0	RIH 1 joint. Attempted to slide with 20 Kips pulldown - No success.
PR0	P	RMW		15:30	18:00	2.50	1,418.0	Back reamed out of hole from 1418m to 1120m. Worked through high torque section several times from 1291m to 1280m.
PR0	TP	CMD	REQ	18:00	19:30	1.50	1,418.0	Circulated at 1120m while electrician repaired rig inverter system.
PR0	P	RMW		19:30	21:00	1.50	1,418.0	Reamed from 1120m to 1418m. Reamed several times through tigh spot from 1263 to 1272m.
PR0	P	DRM		21:00	22:00	1.00	1,418.0	Attempted to slide with various parameters up to maximum pulldown - No progress.
PR0	P	CMD		22:00	22:30	0.50	1,418.0	Circulated while wait on instructions.



Activity Report

Baldwin-2H Drill

PR0	P	CMD		22:30	24:00	1.50	1,418.0	POOH 1 joint and circulated while mixing 1% Radiagreen into mud system.
-----	---	-----	--	-------	-------	------	---------	---

Date: 16 Sep 2011				Daily Cost: AUD 70,027				Report Number: 15
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	CMD		00:00	00:45	0.75	1,418.0	Continued circulate while mixing 1% Radiagreen into mud system.
PR0	P	CMD		00:45	01:00	0.25	1,418.0	Picked up 1 joint and washed to bottom.
PR0	P	DRM		01:00	06:00	5.00	1,436.0	Slide and rotary drilled 6 1/8" hole from 1418m to 1436m. Flow - 240 gpm and RPM - 30.
PR0	P	DRM		06:00	12:00	6.00	1,464.0	Slide and rotary drilled 6 1/8" hole from 1436m to 1464m. Flow - 240 gpm and RPM - 30.
PR0	P	DRM		12:00	13:00	1.00	1,471.9	Slide and rotary drilled 6 1/8" hole from 1464m to 1471.9m. Flow - 240 gpm and RPM - 30.
PR0	TP	DRM	MWD	13:00	14:00	1.00	1,471.9	Trouble shoot problem with EM signal from MWD. Repositioned earth connection. Signal OK.
PR0	P	DRM		14:00	24:00	10.00	1,508.0	Slide and rotary drilled 6 1/8" hole from 1471.9m to 1508m. Flow - 240 gpm and RPM - 30.

Date: 17 Sep 2011				Daily Cost: AUD 62,187				Report Number: 16
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	09:30	9.50	1,526.5	Slide and rotary drilled 6 1/8" hole from 1508m to 1526.5m. Used various parameters in attempt to increase ROP. Flow from 200 - 250 gpm, RPM from 30 - 50 and up to 15 Kips pill down. Severe pressure spiking at 250 gpm caused pressure transmittal back to #1 mud pump causing the drive shaft to shear due to increased torque. At 05:00 hrs started increasing Radiagreen to 2% of circulating system. Had initial small increase in ROP with Radiagreen (+.5 m/hr), but ROP decreased again to less than 2 m/hr.
PR0	P	RMW		09:30	12:00	2.50	1,526.5	Flow checked - Well static. Back reamed from 1526.5m to 1329m with 30 RPM and 220 gpm. Worked each joint twice.
PR0	P	RMW		12:00	14:30	2.50	1,526.5	Continued back reaming from 1329m to 1082m with 30 RPM and 220 gpm. Worked each joint twice.
PR0	P	TRI		14:30	17:00	2.50	1,526.5	RIH from 1082m to 1526.5m. No tight spots. Filled drill string every 300m.
PR0	P	DRM		17:00	18:30	1.50	1,527.0	Attempted to slide and rotary drill 6 1/8" hole. Drilled from 1526.5 to 1527m. Then unable to make any progress with any parameters.
PR0	P	CMD		18:30	18:45	0.25	1,527.0	Circulated bottoms up while prepare to pull out of hole.
PR0	P	TRO		18:45	19:45	1.00	1,527.0	Flow checked - Well static. POOH from 1527m to 13441m. Dies on Iron Roughneck slipping on tool joints when breaking out connections..
PR0	TP	TRO	REQ	19:45	20:00	0.25	1,527.0	Installed new dies in Iron Roughneck.
PR0	P	TRO		20:00	24:00	4.00	1,527.0	Continued POOH from 1341m to 450m. Flow checked at 7" casing shoe - OK.

Date: 18 Sep 2011				Daily Cost: AUD 83,249				Report Number: 17
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	TRO		00:00	01:30	1.50	1,527.0	Continued POOH from 450m to 27.8m. Flow checked at BHA - OK.
PR0	P	HDB		01:30	02:45	1.25	1,527.0	Laid out NMDC's. Laid out MWD probe. Broke off bit. Removed slick sleeve. Flushed and laid out mud motor. Serviced rig carrier and rig floor equipment.
PR0	P	RGS		02:45	03:15	0.50	1,527.0	Picked up new mud motor. Installed slick sleeve and made up new PDC bit. Adjusted motor offset to 0.93 degrees. Made up UBHO sub and scribed to motor high side. Made up MWD collar and installed MWD probe (with new batteries). Made up 2 x NMDC's. Made up Agitator and Shock sub. Shallow test MWD and mud motor.
PR0	P	TRI		05:30	08:30	3.00	1,527.0	RIH with 6 1/8" directional assembly on 3 1/2" DP from 34.2m to 639.9m. Filled drill string broke circulation and

PR0	TP	TRI	REQ	08:30	09:00	0.50	1,527.0	checked MWD EM signal - OK.
PR0	P	TRI		09:00	12:00	3.00	1,527.0	Stopped tripping to repair #1 mud pump.
PR0	P	TRI		12:00	13:00	1.00	1,527.0	RIH with 6 1/8" directional assembly on 3 1/2" DP from 639.9m to 1308.5m.
PR0	P	CMD		13:00	14:30	1.50	1,527.0	RIH with 6 1/8" directional assembly on 3 1/2" DP from 1308.5m to 1352m.
PR0	P	CMD		14:30	15:45	1.25	1,527.0	Filled drill string and circulated bottoms up at reduced rate to compensate for the increased pressure drop due to running agitator and shock sub. Observed 300units of C1 gas, continued circulate till clear. Started dressing #2 mud pump with 5" liners.
PR0	TP	CMD	COM	15:45	16:00	0.25	1,527.0	Continued RIH with 6 1/8" directional assembly from 1352m to 1508m.
PR0	TP	CMD	REQ	16:00	20:30	4.50	1,527.0	Filled drill string and broke circulation. Hydraulic stand pipe valve was accidentally closed by driller while circulating. This cause a pressure spike which blew the #2 pump pop off valve which discharges into the mud pump suction line and resulted in the hose blowing off the suction line manifold.
PR0	P	CMD		20:30	21:00	0.50	1,527.0	Fabricated solid suction line and installed between #1 and #2 mud pumps. Circulated on #1 mud pump with reduced rate while making repairs.
PR0	P	RMW		21:00	21:30	0.50	1,527.0	Function tested #2 mud pump and established circulating rates and pressures with 5" liners.
PR0	TP	DRM	MWD	21:30	22:00	0.50	1,527.0	Washed and reamed from 1510m to 1527m. 30 RPM and 220 gpm.
PR0	P	DRM		22:00	24:00	2.00	1,540.0	Troubleshoot problem with MWD tool face. Reboot MWD computer systems. - OK.
								Slide and rotary drilled 6 1/8" hole from 1527m to 1540m. RPM - 35, Flow 210 - 230 gpm, WOB 10 - 20 Kips.

Date: 19 Sep 2011				Daily Cost: AUD 63,415				Report Number: 18
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	03:00	3.00	1,559.6	Slide and rotary drilled 6 1/8" hole from 1540m to 1559.6m. RPM - 35, Flow 210 - 230 gpm, WOB 10 - 20 Kips. Lost pressure due to hose bursting on stand pipe manifold vent line.
PR0	TP	DRM	REQ	03:00	04:00	1.00	1,559.6	Made temporary repairs to vent line.
PR0	P	DRM		04:00	12:00	8.00	1,603.4	Slide and rotary drilled 6 1/8" hole from 1559.6m to 1603.4m. RPM - 35, Flow 210 - 230 gpm, WOB 10 - 20 Kips.
PR0	P	DRM		12:00	12:30	0.50	1,605.0	Slide and rotary drilled 6 1/8" hole from 1603.4m to 1605m. RPM - 35, Flow 210 - 230 gpm, WOB 10 - 20 Kips.
PR0	P	CMD		12:30	13:30	1.00	1,605.0	Circulated till shakers clean.
PR0	P	TRO		13:30	21:00	7.50	1,605.0	Flow checked - Well static. POOH from 1605m to 34.2m. Flow checked at 7" shoe and BHA.
PR0	P	HDB		21:00	22:30	1.50	1,605.0	Laid out shock sub, agitator and 2 x NMDC's. Laid out MWD probe. Laid out MWD collar motor and bit.
PR0	P	WBH		22:30	23:30	1.00	1,605.0	Retrieved wear bushing.
PR0	P	PRT		23:30	24:00	0.50	1,605.0	Made up test plug assembly.

Date: 20 Sep 2011				Daily Cost: AUD 257,862				Report Number: 19
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	PRT		00:00	00:15	0.25	1,605.0	Ran and set test plug in wellhead. Held JSA for testing BOP. Pressure test surface lines to 3500psi.
PR0	P	CMD		00:15	00:30	0.25	1,605.0	Circulate conventionly trace of cement to surface.
PR0	P	PRT		00:30	01:45	1.25	1,605.0	Pressure tested pipe rams, inner and outer Choke and Kill line valves and Choke manifold valves (4 tests) to 250psi and 3000psi for 5/ 10mins. All tests OK.
PR0	P	PRT		01:45	02:00	0.25	1,605.0	Pressure tested annular to 250psi and 1500psi for 5/ 10mins. All OK.
PR0	P	PRT		02:00	02:15	0.25	1,605.0	Pressure tested blind rams to 250psi and 3000psi for 5/ 10mins. All - OK.
PR0	P	PRT		02:15	04:00	1.75	1,605.0	Rig up and pressure test Kelly Cock, FOSV and Grey Valve to 250psi and 3000psi for 5/ 10mins. Lay out test

PR0	P	WBH		04:00	05:15	1.25	1,605.0	plug assembly. Made up running tool. Attempted to run wear bushing, found tie down bolts not screwing in evenly. pulled bushing, removed and cleaned bolts, re-installed bushing and tightened tie down screws. Laid out running tool.
PR0	P	TRI		05:15	11:15	6.00	1,605.0	Prepared 3 1/2" mule shoe and RIH on 3 1/2" DP to 1250m
PR0	P	CMD		11:15	15:00	3.75	1,605.0	Circulate and condition mud, Rig up to reverse to reverse circulate and test same.
PR0	P	RDC		15:00	15:30	0.50	1,605.0	Hold PJSM with BJ's Cementers, rig up cement head.
PR0	P	SEP		15:30	16:15	0.75	1,605.0	Conduct cement plug #1 test cement lines to 3000psi OK, 10bbl Spacer 15bbls 16.5cement, displacing with 3bbls drill water 23.8bbl mud. Bottom cement 1250m Top cement at 1150m
PR0	P	TRO		16:15	17:00	0.75	1,605.0	Trip out from 1250m to 1100m
PR0	P	CMD		17:00	17:30	0.50	1,605.0	Rig up and reverse circulate trace of cement to surface.
PR0	P	TRO		17:30	18:00	0.50	1,605.0	Rig down cement head and Trip out from 1100m to 1020m.
PR0	P	CMT		18:00	20:15	2.25	1,605.0	Wait on cement and circulate
PR0	P	TRI		20:15	20:30	0.25	1,605.0	Trip in from 1020m to 1075m
PR0	P	RMW		20:30	21:00	0.50	1,605.0	Wash down from 1075m tagging to of cement at 1135m 7000lbs.
PR0	P	CMD		21:00	21:45	0.75	1,605.0	Circulate and condition mud cement back to surface.
PR0	P	RDC		21:45	22:00	0.25	1,605.0	Hold PJSM with BJ cementers and rig up cement head.
PR0	P	SEP		22:00	23:00	1.00	1,605.0	Conduct cement plug #2 test cement lines to 3000psi OK, 10bbl Spacer 12bbls 16.5ppg cement, displacing with 3bbls drill water 21.7bbl mud. Bottom cement 1133m Top cement at 1053m
PR0	P	TRO		23:00	23:30	0.50	1,605.0	Pull out from 1133m to 980m
PR0	P	CMD		23:30	24:00	0.50	1,605.0	Rig up and reverse circulate trace cement to surface.

Date: 21 Sep 2011				Daily Cost: AUD 65,614				Report Number: 20
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	U	TRO		00:00	00:15	0.25		Pull out of hole from 980m to 932m
PR0	U	CMD		00:15	00:30	0.25		Circulate conventionally trace of cement to surface
PR0	U	TRO		00:30	04:45	4.25		Trip 3 1/2" drill pipe out of hole to surface laying down stinger pipe.
PR0	U	HDB		04:45	05:30	0.75		Make up PDC bit Motor bent housing to 1.22deg pick up MWD tools.
PR0	U	RGS		05:30	06:00	0.50		Rig Service
PR0	U	WOR		06:00	10:30	4.50		Wait on Cement.
PR0	U	HDB		10:30	11:00	0.50		Install Directional Probe.
PR0	U	TRI		11:00	15:15	4.25		Run in hole with 6 1/8" side track assy to 957m
PR0	U	EDM		15:15	15:45	0.50		BOP Drill
PR0	U	RRP		15:45	16:30	0.75		Rig Repair, repair bracket on Pipe Loader Kicker
PR0	U	RMW		16:30	17:00	0.50		Continued to run in hole washing down from 957m to 1003m tagging top of cement.
PR0	U	RMW		17:00	21:15	4.25		Ream down from 1003m to 1098.77m side track point.
PR0	U	CMD		21:15	22:00	0.75		Circulate and condition mud.
PR0	U	CDD		22:00	24:00	2.00		Time drill from 1098.77m to 1099.37m with 280 toolface 1ft per hour, samples 100% cement.

Date: 22 Sep 2011				Daily Cost: AUD 154,608				Report Number: 1
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	U	CDD		00:00	17:00	17.00	1,108.4	Continue to time drill 280 toolface from 1099.37m to 1103.87m. 100% formation, rotate 1103.87m to 1108.4m Side track called at 1104m.
PR0	P	CMD		17:00	17:45	0.75	1,108.4	Circulate & condition mud clean up side track.
PR0	P	MWD		17:45	18:00	0.25	1,108.4	Re-take survey & gamma readings from 1098.77m to 1108.4m
PR0	P	DRA		18:00	24:00	6.00	1,146.9	Continue to rotate & slide as required from 1108.4m to 1146.88m

Date: 23 Sep 2011				Daily Cost: AUD 74,095				Report Number: 2
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	10:00	10.00	1,225.0	Steerable drilling 6 1/8" hole section 1146.88m to 1225m
PR0	P	CMD		10:00	10:30	0.50	1,225.0	Circulated bottoms up before pulling back to shuffle 13jnts of 3 1/2" drill pipe under 3 1/2" HWDP
PR0	P	SRV		10:30	11:00	0.50	1,225.0	Rig service, replaced leaking hydraulic fittings on TDS.
PR0	P	TRO		11:00	13:30	2.50	1,225.0	Pull out of hole from 1225m to 673m normal drag.
PR0	P	EDM		13:30	13:45	0.25	1,225.0	BOP drill good response from crew.
PR0	P	TRI		13:45	15:15	1.50	1,225.0	Run in hole adding 13 jnts 3 1/2" drill pipe under HWDP from 673m to 934m.
PR0	P	RRP		15:15	16:15	1.00	1,225.0	Repair hydraulic hole on Safe Load.
PR0	P	TRI		16:15	17:30	1.25	1,225.0	Continue to run in hole from 934m to to 1225m.
PR0	P	CMD		17:30	17:45	0.25	1,225.0	Circulate bottoms up.
PR0	P	DRM		17:45	24:00	6.25	1,291.6	Continue to directional drill from 1225m to 1291.6m

Date: 24 Sep 2011				Daily Cost: AUD 66,378				Report Number: 3
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	08:15	8.25	1,377.6	Directional drilled 6 1/8" production hole section from 1291.06m to 1377.61m.
PR0	P	CMD		08:15	08:45	0.50	1,377.6	Circulate bottoms up
PR0	P	DRM		08:45	11:45	3.00	1,406.3	Directional drilled 6 1/8" production hole section from 1377.61m to 1406.29m.
PR0	P	CMD		11:45	12:00	0.25	1,406.3	Circulate bottoms up hole clean.
PR0	P	EDM		12:00	12:30	0.50	1,406.3	BOP drill circulate mud through poorboy degasser.
PR0	P	RRP		12:30	13:15	0.75	1,406.3	Repair hydraulic leak on TDS.
PR0	P	DRM		13:15	16:45	3.50	1,454.0	Directional drilled 6 1/8" production hole section from 1406.29m to 1453.97m.
PR0	P	CMD		16:45	18:30	1.75	1,454.0	Condition mud to 9.2ppg circulate out gas cut mud (2249.4 units of gas)
PR0	P	DRM		18:30	20:45	2.25	1,474.3	Directional drilled 6 1/8" production hole section from 1453.97m to 1474.3m weighting mud to 9.4ppg.
PR0	P	CMD		20:45	24:00	3.25	1,474.3	250psi pressure drop in stand pipe pressure, flow check slight flow. Weight up mud to 9.6ppg and circulate out gas cut mud.

Date: 25 Sep 2011				Daily Cost: AUD 59,360				Report Number: 4
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	CMD		00:00	00:15	0.25	1,474.3	Flow check, check for 200psi pressure drop.
PR0	P	TRO		00:15	04:00	3.75	1,474.3	Pull out of hole with normal drag from 1474.3m to 826.68m to shuffle drill pipe to under 3 1/2" HWDP.
PR0	P	EDM		04:00	04:15	0.25	1,474.3	BOP drill good response.
PR0	P	TRI		04:15	06:15	2.00	1,474.3	Slot 26jnts of 3 1/2" drill pipe under HWDP and continue to run in hole to 1114.60m. Change out jars, seal leaking fluid.
PR0	P	TRI		06:15	07:30	1.25	1,474.3	Continue to run in hole from 114.60m to 1381.05m
PR0	P	RGS		07:30	08:00	0.50	1,474.3	Rig service and fix hydraulic hose on Loadsafe.
PR0	P	TRI		08:00	09:00	1.00	1,474.3	Continue to run in hole from 1381.05m to 1469m.
PR0	P	CMD		09:00	09:30	0.50	1,474.3	Circulate bottoms up, 600psi drop on stand pipe pressure, string weight 4000lbs lighter.

PR0	U	TRO		09:30	17:00	7.50	1,474.3	Pulled out of hole normal drag looking for possible twist off or washed out pipe, to 29m.
PR0	U	TRO		17:00	17:30	0.50	1,474.3	Pull out MWD tools.
PR0	U	HDB		17:30	22:00	4.50	1,474.3	Lay down Bit and Motor, picked up new 4 3/4" motor and re-run bit surface test 200gpm only 150psi and layed down same. Picked up second motor surface test 200gpm 150psi.
PR0	U	TRI		22:00	24:00	2.00	1,474.3	Pick up MWD tools and run in hole to 280m testing every 10 joints for possible wash out.

Date: 26 Sep 2011				Daily Cost: AUD 59,876				Report Number: 5
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	U	TRI		00:00	01:00	1.00	1,473.3	Continue to RIH from 280m to 380m testing every 10jnts noticed 90psi pressure prop, unable to get proper suction on #1 pump.
PR0	TP	RRP	REQ	01:00	08:30	7.50	1,473.3	Trouble shoot problem with #1 pump. Back flush through suction lines, check pump fluid end, check charge pump, check charge pump impella, check pop off showed it was washed out and was replaced.
PR0	TP	RRP	REQ	08:30	09:00	0.50	1,473.3	Remove and replace Hydraulic release valve on TDS
PR0	U	TRI		09:00	12:00	3.00	1,473.3	Continue to RIH from 380m to 900m
PR0	TP	RRP	REQ	12:00	12:15	0.25	1,473.3	Repair hydraulic oil leak on TDS
PR0	U	TRI		12:15	14:45	2.50	1,473.3	Run in hole from 900m to 1473m.
PR0	U	CMD		14:45	15:00	0.25	1,473.3	Break circulation and tage bottom.
PR0	P	DRM		15:00	15:15	0.25	1,474.3	Drill from 1473.3m to 1474.3m.
PR0	TP	MWD	MWD	15:15	16:45	1.50	1,474.3	Tried to establish EMWD signal failed no response.
PR0	TP	TRO	MWD	16:45	18:30	1.75	1,474.3	Pull out of hole pumping every 10 joints to get signal from EMWD tool from 1474.3m to 1220m.
PR0	U	ACC		18:30	19:00	0.50	1,474.3	Stopped rig to hold safety meeting with all personal on sight after 1 intury and 1 accident in less then an out.
PR0	TP	ACC	MWD	19:00	24:00	5.00	1,474.3	Continue to pull out of hole from 1220m to 71m

Date: 27 Sep 2011				Daily Cost: AUD 57,326				Report Number: 6
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	TP	ACC	MWD	00:00	00:30	0.50	1,474.3	Continued to pull out of hole from 71m to 33m.
PR0	TP	ACC	MWD	00:30	01:30	1.00	1,474.3	Lay down directional BHA.
PR0	P	BOP		01:30	02:00	0.50	1,474.3	Pull wear bushing and land test plug to pressure test BOP's.
PR0	P	BOP		02:00	02:15	0.25	1,474.3	Hold pre-job safety meeting with BJ before testing BOP's.
PR0	P	BOP		02:15	06:00	3.75	1,474.3	Pressure testing BOP's Pipe rams, Choke Manifold, HCR, Blind Rams 250psi 5min, 3000psi 10min. Annular 250psi 5min 1500psi 10min.
PR0	P	BOP		06:00	06:15	0.25	1,474.3	Retrieve test plug and install wear bushing.
PR0	P	BOP		06:15	07:00	0.75	1,474.3	Make up stabbing valve and ibop to TDS and test 250psi 5min 3000psi 10min.
PR0	TP	HDB	MWD	07:00	08:00	1.00	1,474.3	Make up re-run bit and directional assy.
PR0	TP	TRI	MWD	08:00	11:00	3.00	1,474.3	Run in hole to 514.15m.
PR0	P	RGS		11:00	11:30	0.50	1,474.3	Service TDS, Iron Roughneck, Crown sheaves, Travel sheaves.
PR0	TP	RRP	REQ	11:30	12:15	0.75	1,474.3	Service rig carrier, repair mud pump.
PR0	TP	TRI	MWD	12:15	13:00	0.75	1,474.3	Continue to run in hole from 514.15m to 706m
PR0	TP	SRV	OTH	13:00	13:30	0.50	1,474.3	Geoservices repair RPM sensor on TDS.
PR0	TP	TRI	MWD	13:30	17:00	3.50	1,474.3	Continued to run in hole normal drag from 706m to 1474m. washing down last 2jnts.
PR0	TP	TRI	MWD	17:00	17:15	0.25	1,474.3	Break circulation and bench mark survey.
PR0	P	DRM		17:15	24:00	6.75	1,544.0	Slide and rotate 6 1/8" production hole from 1474.3m to 1544m. Max gas units @ 1518m 2608 units.

Date: 28 Sep 2011				Daily Cost: AUD 63,014				Report Number: 7
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	24:00	24.00	1,741.0	Drilling 6 1/8" hole from 1544m to 1741m. Max Gas @ 1558m, 2642.5 units

Date: 29 Sep 2011				Daily Cost: AUD 70,886				Report Number: 8
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	06:30	6.50	1,790.0	Continued to drill 6 1/8" production hole from 1741m to 1790m.
PR0	TP	RRP	REQ	06:30	07:00	0.50	1,790.0	Repair leaking 4" union on #1 Mud Pump pressure mud line.
PR0	P	DRM		07:00	14:15	7.25	1,844.0	Drill 6 1/8" production hole from 1790m to 1844m. Max gas @ 1808m 612units
PR0	P	CMD		14:15	15:15	1.00	1,844.0	Circulate hole clean and flow check.
PR0	P	TRO		15:15	17:15	2.00	1,844.0	Pull out of hole with normal drag from 1844m to 1518m.
PR0	P	RGS		17:15	17:45	0.50	1,844.0	Service rig & TDS.
PR0	TP	RRP	REQ	17:45	24:00	6.25	1,844.0	Trouble shoot why Load Safe clamp is not opening, repair hydraulic leak on TDS.

Date: 30 Sep 2011				Daily Cost: AUD 119,331				Report Number: 9
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	TP	RRP	REQ	00:00	01:30	1.50	1,844.0	Replace seals in ram of load safe clamp.
PR0	P	TRO		01:30	03:30	2.00	1,844.0	Continue to pull out of hole to bottom of HWDP at 1080.43m.
PR0	P	TRI		03:30	08:45	5.25	1,844.0	Run in hole from 1080.43m to 1844m picking up 38 joints 3 1/2" under HWDP. Washing down last 2jnts.
PR0	P	DRM		08:45	24:00	15.25	1,925.0	Drill 6 1/8" production hole from 1844m to 1925m. max gas @ 1908m 344units.

Date: 01 Oct 2011				Daily Cost: AUD 54,479				Report Number: 10
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	DRM		00:00	05:30	5.50	1,952.5	Continue to drill 6 1/8" production from 1925m to 1952.5m. Lost EMWD signal. (TD was called)
PR0	P	CMD		05:30	06:15	0.75	1,952.5	Circulate hole clean.
PR0	P	TRO		06:15	15:30	9.25	1,952.5	Pull out of hole with normal drag from 1952.2m to BHA @ 33.09m. BOP Drill.
PR0	P	TRO		15:30	17:00	1.50	1,952.5	L/D Shock tool ,Agitator, directional assy and bit.
PR0	P	RGS		17:00	17:30	0.50	1,952.5	Lubricate rig, pre start rig.
PR0	P	HDB		17:30	17:45	0.25	1,952.5	Make up bit and roller reamer.
PR0	P	HDB		17:45	18:00	0.25	1,952.5	Hold pre job safety meeting with Parthfinder
PR0	P	LPC		18:00	20:00	2.00	1,952.5	Make up Parthfinder logging tools AWR-DNSC-Caliper-ABS.
PR0	P	LPC		20:00	24:00	4.00	1,952.5	Run in hole AWR-DNSC-Caliper-ABS to 516.5m logging to 566m.

Date: 02 Oct 2011				Daily Cost: AUD 56,798				Report Number: 11
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	LPC		00:00	24:00	24.00	1,952.5	Continue to run in hole logging AWR-DNSC-Caliper-ABS. from 566m to 1339m from 566m to 1050m 80m/hr 1050m to 1339m 40m/hr.

Date: 03 Oct 2011				Daily Cost: AUD 55,402				Report Number: 12
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	LPC		00:00	24:00	24.00	1,952.5	Continue to run in hole logging AWR-DNSC-Caliper-ABS. from 1339m to 1945m.

Date: 04 Oct 2011				Daily Cost: AUD 89,402				Report Number: 13
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	LPC		00:00	00:30	0.50	1,952.5	Continue to run in hole logging AWR-DNSC-Caliper-ABS. from 1945m to 1952.5m.
PR0	P	CMD		00:30	01:15	0.75	1,952.5	Circulate hole clean, flow check.
PR0	P	TRO		01:15	08:45	7.50	1,952.5	Pull out of hole from 1925m to 18.4m normal drag.

PR0	P	HDB		08:45	10:30	1.75	1,952.5	Down load data from logging tools, lay down logging tools reamer and bit.
PR0	P	BOP		10:30	12:00	1.50	1,952.5	Rig up to test BOP's and pull wear bushing.
PR0	P	EDM		12:00	12:15	0.25	1,952.5	Pre job safety meeting before testing BOP's with Rig Crew and BJ.
PR0	P	BOP		12:15	16:00	3.75	1,952.5	Pressure test Pipe Rams, Blind Rams, Choke Manifold Valves, HCR, Upper Kelly Cock Stabbing Valve 250psi 5min, 3000psi 10min, Annular 250psi 5min 3000psi 10min.
PR0	P	BOP		16:00	17:30	1.50	1,952.5	Install Wear Bushing, rigged up bails and elevators picked up Cement Head to make sure there was clearance for up coming casing run.
PR0	P	HDB		17:30	18:00	0.50	1,952.5	Made up re-run bit and guaging reamer assy. Guage reamer size 5.938".
PR0	P	TRI		18:00	20:30	2.50	1,952.5	Run in hole with guaging assy to 503m.
PR0	P	OTH		20:30	20:45	0.25	1,952.5	Record circulation 220gpm 218psi, Torque 30rpm 500ft/lbs, 40rpm 580ft/lbs, 50rpm 670ft/lbs String weight up 27000lbs, down 19000lbs, rotate 20500lbs.
PR0	P	TRI		20:45	24:00	3.25	1,952.5	Run in hole with normal drag from 503m to 1234m. Taking string weight at 1000m up 45000lbs, down 30100lbs.

Date: 05 Oct 2011				Daily Cost: AUD 63,396				Report Number: 14
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	TRI		00:00	02:15	2.25	1,952.5	Continue to run in reamer assy from 1234m to 1720m with normal drag.
PR0	U	WOW		02:15	02:30	0.25	1,952.5	Stopped for lightening storm to pass.
PR0	P	TRI		02:30	04:00	1.50	1,952.5	Continue to run in hole with normal drag reamer assy from 1720m
PR0	P	CMD		04:00	05:30	1.50	1,952.5	Circulate hole clean and condition mud,.
PR0	P	FLC		05:30	05:45	0.25	1,952.5	Flow check well static.
PR0	P	TRO		05:45	13:45	8.00	1,952.5	Pull out of hole with normal drag from 1952.5m to surface. Laying down 2 x reamers and bit.
PR0	P	RRC		13:45	16:00	2.25	1,952.5	Pull wear bushing, rig up and jet BOP's with water. Riggud bails and elevators picked up landing joint and made up to casing hanger and layed out same.
PR0	P	RGS		16:00	16:30	0.50	1,952.5	Lubricate rig pre start rig.
PR0	P	RRC		16:30	18:00	1.50	1,952.5	Clear rig floor rigged down Iron Ruffneck, rigged up PCS casing tong and 4 1/2" casing running gear.
PR0	P	EDM		18:00	18:30	0.50	1,952.5	Pre job safety meeting with rig crew , Packer Plus, PCS before running production casing.
PR0	P	RCG		18:30	24:00	5.50	1,952.5	Pick shoe joint and test ok and run in hole with 4 1/2" Casing (42jnts) with packers and frac ports as per program to 566mm. String weight at 504m 20.5k up, 13k down, 90psi at 125gpm.

Date: 06 Oct 2011				Daily Cost: AUD 67,339				Report Number: 15
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	RCG		00:00	02:30	2.50	1,952.5	Continue to run 4 1/2" casing (63 jnts) from 566m to 856m with packers, frac ports SF cementer as per program.
PR0	P	RCG		02:30	03:30	1.00	1,952.5	Change casing running gear to running 5 1/2" casing laying down bails and elevators, making up x-over from TDS to 4 1/2" casing.
PR0	P	RCG		03:30	20:45	17.25	1,952.5	Continue to run 5 1/2" casing as per program to 914m to 1940.7 186 jnts 5 1/2" casing.
PR0	P	CIC		20:45	22:30	1.75	1,952.5	Circulate casing and condition mud. Pick up weight 69k up and 22k push down. 110gpm 270psi.
PR0	U	WOT		22:30	24:00	1.50	1,952.5	Circulate and reciprocate casing waiting on equipment for cement job.

Date: 07 Oct 2011				Daily Cost: AUD 73,813				Report Number: 16
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description



Activity Report

Baldwin-2H ST1

PR0	U	WOT		00:00	13:30	13.50	1,952.5	Circulate and reciprocate casing waiting on equipment for cement job. 100gpm 300psi
PR0	U	WOT		13:30	14:00	0.50	1,952.5	Add 1jnt 5 1/2" casing and push down with 22k/lbs, pick up 72k/lbs.
PR0	U	WOT		14:00	17:30	3.50	1,952.5	Continue to circulate and reciprocate casing 100gpm.
PR0	U	WOT		17:30	19:00	1.50	1,952.5	Displaced hole to brine 120gpm 380psi, layed out 1jnt 5 1/2" casing.
PR0	U	WOT		19:00	22:00	3.00	1,952.5	Rig up bails and elevators and drive sub to push down casing. When trying to make up double pin cross over 5 1/2" TDFJ not make up properly. Also 5 1/2" BTC pin not make properly to make up to landing joint. Hole was U-tubing brine closed in annular pumped down the back side through kill line flow from casing increased.
PR0	U	CMD		22:00	24:00	2.00	1,952.5	Pumped 20ltrs of paint marker down casing and circulate.

Date: 08 Oct 2011				Daily Cost: AUD 61,048				Report Number: 17
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	U	CMD		00:00	00:15	0.25	1,952.5	Circulate paint marker when paint returned to surface it had come through the shoe not the cement stag tool.
PR0	U	RCG		00:15	00:45	0.50	1,952.5	Tried to work pipe 82k pull but not able to go down with 27k pull down.
PR0	U	RCG		00:45	21:30	20.75	1,952.5	Pulling casing from hole and laying down 186jnts Of 5 1/2" casing at 856m.
PR0	U	RDC		21:30	22:45	1.25	1,952.5	Rig down Iron roughneck, rig up PCS casing tong, bails and 4 1/2" elevators to lay down 4 1/2" casing
PR0	U	RCG		22:45	24:00	1.25	1,952.5	Checked and layed down SF cementor (OK) continue to laydown 5 jnts of 4 1/2" casing & Packers @ 791m.

Date: 09 Oct 2011				Daily Cost: AUD 61,658				Report Number: 18
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	U	RCG		00:00	06:00	6.00	1,952.5	Continue to pull 4 1/2" casing packers and frac ports from hole from 791m to 55m check casing float equipment (OK) layed the rest of the 4 1/2" casing and float equipment.
PR0	U	RRC		06:00	08:00	2.00	1,952.5	Rig down PCS casing running equipment and rig up to pressure test BOP's.
PR0	U	RGS		08:00	08:30	0.50	1,952.5	Rig service, lubricate rig.
PR0	U	BOP		08:30	10:00	1.50	1,952.5	Pressure test lines for pressure testing BOP's OK, when trying first pressure test wash pipe on TDS was leaking.
PR0	TU	BOP	REQ	10:00	24:00	14.00	1,952.5	Repair wash pipe on TDS and kelly hose.

Date: 10 Oct 2011				Daily Cost: AUD 102,107				Report Number: 19
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	BOP		00:00	01:30	1.50	1,952.5	Pressure test wash pipe and kelly hose to 250psi 5min and 2000psi 10min.
PR0	TP	BOP	FPT	01:30	06:00	4.50	1,952.5	Attempt to pressure test blind rams, flange seal between blind ram and spacer spool leaking on high pressure. Make spanner to tighten nuts and tighten same.
PR0	P	BOP		06:00	09:00	3.00	1,952.5	Pressure test Pipe & Blind rams, Choke Line and choke manifold valves, upper kelly cock all 250psi 5min and 3000psi 10min, Annular 250psi 5min & 1500psi 10min.
PR0	P	WBH		09:00	10:00	1.00	1,952.5	Rig down pressure test equipment and install wear bushing.
PR0	P	TRI		10:00	16:30	6.50	1,952.5	Make up 6 1/8" re-run bit and run in hole with Packer Plus reamers to 1175m increase in string drag.
PR0	P	CMD		16:30	17:00	0.50	1,952.5	Pump and circulate 60bbl Hi-Vis brine.
PR0	P	TRI		17:00	19:30	2.50	1,952.5	Continue to run in hole with reamer assy from 1175m to 1710m increase in string drag.
PR0	P	CMD		19:30	20:00	0.50	1,952.5	Pump and circulate 40bbl Hi-Vis brine.
PR0	P	TRI		20:00	21:45	1.75	1,952.5	Continue to run in hole from 1710m tagging bottom at 1952.5m
PR0	P	CMD		21:45	23:00	1.25	1,952.5	Circulate and condition hole to Hi-Vis brine.
PR0	P	TRO		23:00	24:00	1.00	1,952.5	Pull out of hole with normal drag from 1952.5m to 1806m

Date: 11 Oct 2011				Daily Cost: AUD 55,831				Report Number: 20
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	TRO		00:00	05:00	5.00	1,952.5	Pull out of hole with normal drag from 1806m to 598m
PR0	P	RRP		05:00	05:30	0.50	1,952.5	Repaired Hydraulic leak on Iron Roughneck.
PR0	P	TRO		05:30	08:00	2.50	1,952.5	Continued to POH with reamer assembly from 598m to surface. Flow checked at casing shoe and BHA. Laid out BHA.
PR0	P	WBH		08:00	09:00	1.00	1,952.5	Retrieved wear bushing. Made up jetting tool and jetted wellhead.
PR0	P	RRC		09:00	12:00	3.00	1,952.5	Made up landing joint and seal assembly. Made a dummy landing run. Rigged down Iron Roughneck and rigged up PCS, bails and elevators. Re-rigged up Iron Roughneck to break out double pin X/O below casing hanger as pin thread found to be not compatible with casing box.
PR0	P	RRC		12:00	12:30	0.50	1,952.5	Rigged down Iron Roughneck. Rigged up PCS, bails and elevators.
PR0	P	RRC		12:30	13:30	1.00	1,952.5	Service broke #1 packer assembly and inspected float. Found float had been over torqued. Laid out float and packer assembly.
PR0	P	RRC		13:30	14:30	1.00	1,952.5	Rigged down PCS, bails and elevators. Prepared rig floor for RIH with drill string.
PR0	P	TRI		14:30	16:00	1.50	1,952.5	Unload 3 1/2" DP from trailer. Restrap DP in preparation for wiper trip.
PR0	P	WBH		16:00	16:30	0.50	1,952.5	Installed wear bushing.
PR0	P	TRI		16:30	24:00	7.50	1,952.5	Made up reamer assembly BHA and RIH to 1575m. Broke circulation at shoe and filled drill string every 300m.

Date: 12 Oct 2011				Daily Cost: AUD 55,759				Report Number: 21
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	TRI		00:00	01:45	1.75	1,952.5	Continued RIH with reamer assembly from 1575m to 1952.5m. No tight spots and no fill. Washed last 1.5 joints to bottom. No tight spots. No fill.
PR0	P	CMD		01:45	02:45	1.00	1,952.5	Circulated bottoms up.
PR0	P	TRO		02:45	10:30	7.75	1,952.5	Flow checked - Well static. POOH from 1952.5m to 33m. Flow checked at casing shoe and BHA. Service broke and laid out BHA.
PR0	P	WBH		10:30	11:15	0.75	1,952.5	Retrieved wear bushing. Made up jetting tool and jetted BOP cavities and seal areas of compact housing well head.
PR0	P	RRC		11:15	12:00	0.75	1,952.5	Rigged down and laid out Iron Roughneck. Rigged up bails and elevators. Rigged up PCS casing tong.
PR0	P	RCG		12:00	21:45	9.75	1,952.5	RIH with Packer and Frac Port assemblies on 4 1/2" casing as per programme to 856m. Filled casing every 5 joints.
PR0	P	RCG		21:45	22:00	0.25	1,952.5	Closed annular and pressured annulus to 200psi to check floats. All OK - No back flow observed from string.
PR0	P	RRC		22:00	22:30	0.50	1,952.5	Rigged down 4 1/2" casing equipment. Rigged up 5 1/2" casing equipment.
PR0	P	RCG		22:30	24:00	1.50	1,952.5	RIH with Packer and Frac Port assemblies on 5 1/2" casing as per programme from 856m to 920m. Filled casing every 10 joints.

Date: 13 Oct 2011				Daily Cost: AUD 86,575				Report Number: 22
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	RCG		00:00	12:00	12.00	1,952.5	RIH with Packer and Frac Port assemblies on 5 1/2" casing as per programme from 920m to 1835m. Started using push down on casing from 1270m. Filled casing every 10 joints.
PR0	P	RCG		12:00	15:00	3.00	1,952.5	Continued RIH with Packer and Frac Port assemblies on 5 1/2" casing as per programme from 1835m and landed hanger in wellhead with tool string shoe at 1945.7m.

								Observed landing mark on string was a little high. Attempted to pick up string to re-seat hanger. String parted at 40 Kips at box connection on pup joint above hanger running tool.
PR0	P	RCG		12:00	12:00	0.00	1,952.5	Continued RIH with Packer and Frac Port assemblies on 5 1/2" casing as per programme from 920m to 1835m.
PR0	P	RCG		15:00	16:30	1.50	1,952.5	Stabbed back into pup joint and released running tool. Recovered running tool and pup joint. Found box connection on pup joint had split.
PR0	P	RCG		16:30	17:00	0.50	1,952.5	Waited for confirmation of alternative plan to use emergency slips to hang off production string.
PR0	P	RCG		17:00	18:30	1.50	1,952.5	Rigged up bails and elevators. Made up running tool and RIH. Engaged tool in hanger and pulled hanger to surface. Laid out hanger and running tool.
PR0	P	RCG		18:30	20:00	1.50	1,952.5	Rigged down bails and elevators. Removed all PCS equipment from rig floor.
PR0	P	RCG		20:00	20:30	0.50	1,952.5	Picked up 2 joints casing and RIH with string till shoe depth at 1948.7m.
PR0	P	RCG		20:30	21:30	1.00	1,952.5	Waited on confirmation/ approval of new procedures for cementing and hanging off production string using emergency slips.
PR0	P	RCG		21:30	22:15	0.75	1,952.5	Rigged up Side Entry sub and BJ surface lines for cementing. Spaced out production string with shoe at 1945.7 (string in tension).
PR0	P	EDM		22:15	22:30	0.25	1,952.5	Held PJSM with BJ cementers, PackerPlus and Major drill crew to discuss procedures and duties for displacement of brine, setting packers and cementing 5 1/2" casing.
PR0	P	RCG		22:30	24:00	1.50	1,952.5	Rig pumped 70bbl brine followed by 3.5bbl of viscous brine, dropped 1 1/2" ball then pumped 3.5bbl viscous brine. BJ pumped 126bbl brine, bumped ball, pressured up string to 2000psi and held for 20 mins to energise packers. Bled off pressure. Pulled 23 Kips overpull to confirm packers set. Slacked off to neutral weight and then pulled 20 Kips overpull. BJ pressured string to 3000psi to open cementor. Confirmed cementor open by observing pressure drop and returns from annulus. Dropped 1 3/4" ball and BJ pumped ball down with brine.

Date: 14 Oct 2011				Daily Cost: AUD 62,254				Report Number: 23
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	RCG		00:00	00:30	0.50	1,952.5	BJ continued pumping brine (total 36bbl) till ball seated in debris sub.
PR0	P	RCG		00:30	02:15	1.75	1,952.5	BJ pressure tested surface lines to 4500psi for 5 mins. Pumped 5bbl water. Mixed and pumped 19bbl lead slurry at 11.8ppg and 2.8bbl tail slurry at 15.6ppg. Pumped 5bbl viscous brine and displaced cement with 79bbl water. Pushed down 30 Kips on production string on last barrel of displacement to close cementor. Pressure tested casing to 2000psi for 5 mins. Released pressure and confirmed no back flow. Pulled 20 Kips over pull to confirm cementor latched. Cement in place at 02:00 hrs. Closed Lo-Torq valve on BJ surface lines.
PR0	P	WOC		02:15	12:00	9.75	1,952.5	Waited on cement. General cleaning and house keeping on rig floor, rig carrier, Load Safe and BOP area.
PR0	P	WOC		12:00	15:00	3.00	1,952.5	Waited on cement. Prepared for rig move. Loaded 3 1/2" DP on to pipe trailer. Assisted BJ to rig down surface lines from rig floor and loaded BJ auxillary equipment on to BJ pumper trailer. Packed up mud chemicals and loaded onto mud storage trailer. Major mechanic started to change out bearings in power end of #2 mud pump.
PR0	P	WOT		15:00	15:30	0.50	1,952.5	Waited on arrival of emergency slips and bowl. Rigged up lines and pressure tested 7" x 5 1/2" annulus against cement to 1000psi for 10 mins - OK.
PR0	P	WOT		15:30	24:00	8.50	1,952.5	Continued wait on arrival of emergency slips and bowl. Loaded 3 1/2" HWDP and 4 3/4" DC onto transport racks. Circulated water through Kill line and flushed surface equipment, BOP's, Choke / Kill manifold, flare line and Poor Boy degasser. Stowed Load Safe arms

								and packed up support timbers for Load Safe jacking legs. Rigged down flare line and igniter and loaded on to pipe trailer. Loaded spare PP packer assemblies and equipment into transport crates. Started dumping and cleaning cuttings from mud tanks.
--	--	--	--	--	--	--	--	--

Date: 15 Oct 2011				Daily Cost: AUD 49,967				Report Number: 24
PHSE	CLS	OP	RC	From	To	Hrs	Depth (m)	Activity Description
PR0	P	WOT		00:00	08:30	8.50	1,952.5	Continued wait on arrival of emergency slips and bowl. Rigged down Koomey remote umbilical cable and stowed on Koomey skid. Continued dumping and cleaning cuttings from mud tanks. Started rigging down pipework, walkways handrails and electrical cables from mud tanks.
PR0	P	BOP		08:30	11:45	3.25	1,952.5	Unpacked and inspected emergency slips and bowl. Nipped down flow line, Blooie line and valves. Removed and stowed Koomey control lines. Nipped down Kill line hose, Choke manifold and bell nipple. Nipped down rotating diverter. Rigged up lifting equipment for handling BOP.
PR0	P	EDM		11:45	12:30	0.75	1,952.5	Held weekly safety meeting with both drill crews.
PR0	P	BOP		12:30	15:00	2.50	1,952.5	Completed nipping down rotating diverter. Rough cut 5 1/2" casing and laid out rotating diverter.
PR0	P	BOP		15:00	17:30	2.50	1,952.5	Nipped down BOP's. Made second rough cut on 5 1/2" casing and laid out BOP's.
PR0	P	BOP		17:30	18:00	0.50	1,952.5	Nipped down Cameron Fast-Loc connector. Made third rough cut on 5 1/2" casing and laid out Fast-Loc connector.
PR0	P	WHR		18:00	20:00	2.00	1,952.5	Cleaned up Cameron compact housing wellhead. Nipped up emergency slip bowl on compact housing and prepared and installed emergency slips, marked casing. Drill crew prepared Bowen overshot.
PR0	P	WHR		20:00	21:00	1.00	1,952.5	Engaged overshot and pulled 31 Kips (Casing weight 17.5Kips + 13.5 Kips overpull), casing moved up 85mm. Installed slips and hammered down securely, slacked weight and set slips with 13 Kips over casing bouyant weight. Stickup after slips set was 75mm from original mark.
PR0	P	WHR		21:00	23:00	2.00	1,952.5	Drained, final cut and dressed 5 1/2" casing. Nipped up abandonment cap. Concurrent Operations: Rigged down and laid out Iron Roughneck. Removed casing offcuts from rig floor.
PR0	P	WHR		23:00	24:00	1.00	1,952.5	Loaded and secured Choke manifold on Koomey skid. Pressure tested compact housing / emergency bowl connection and slips and isolation sleeve cavity to 5000psi for 10 mins - OK. Installed blank flange on abandonment cap.
RIG RELEASED FROM BALDWIN 2H ST1 AT 24:00hrs ON 15-OCTOBER-2011.								