



Well Name: **BLACKTIP P3**
Wellbore Name: **Blacktip P3**
Well Code: **31990**
Job: **COMPLETION**
WCEI Level: **LEVEL 3**

Daily Report

Date: **2/04/2023**
Report #: **63**
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Well Header									
Permit/Concession N° 80107001 - WA-33-L			Operator ENI AUSTRALIA B.V.			Subsidiary ENI AUSTRALIA B.V.		Initial Lahee Code	
Rotary Table Elevation (m) 57.01		Water Depth (m) -50.80		First Flange (m) 22.05		RKB - Base Flange (m) 34.96		RKB - Tubing Spool (m) 34.40	
Rigs									
Rig Name VALARIS 107			Contractor Valaris		Rig Type JACK UP		Rig Num 3247		Rig Start Date 22/11/2022
Daily Information									
Weather Fine		Temperature (°C) 32.0		Wind 2 knots		Days LTI (days) 1,681.00		Days RI (days) 107.0	
Cost Summary									
Job Account		Currency Code USD		Total AFE Amount (Cost) 40,867,646		Daily Cost (Cost) 727,585		Cumulative Cost (Cost) 57,824,630	
Main Operation									
Safety Incidents - Near Miss									
Date		Category		Type		Subtype		Severity	
								Cause	
								Lost time?	
Comment									
Safety Drills									
Type				# Occur		Last Date		Next Date	
Authority Visit				1		17/01/2023			
BOP Function Test				5		10/02/2023			
BOP Pressure Test				2		27/01/2023			
Fire Drill				17		1/04/2023		8/04/2023	
Safety Meeting				15		2/04/2023		9/04/2023	
Safety Stand down				5		9/03/2023			
Slickline / Wireline BOP Test				1		19/03/2023		9/04/2023	
Stretcher Drill				2		12/01/2023			
Trip drill				9		15/02/2023			
Well Control Drill				10		11/03/2023			
Casings seat									
Cas. Type		OD (in)		ID (in)		Grade		Top (mKB)	
CONDUCTOR		30		27.00		X-52		35.33	
CASING		20		18.76		K55		35.27	
CASING		13 5/8		12.40		L80		34.80	
LINER		9 5/8		8.62		L80Cr13		2,243.52	
LINER		7		6.23		L80Cr13		2,942.00	
								Bottom (mKB)	
								186.56	
								949.39	
								2,345.24	
								2,982.83	
								3,526.25	
								3,254.53	
								Landing Date	
								25/05/2009	
								21/12/2022	
								6/01/2023	
								15/01/2023	
								25/01/2023	
Last Cementing									
Cementing Start Date: 25/01/2023		String: LINER, 3,526.25mKB				Comment: 1434 bbl 1.19sg PERFLOW mud, 50 bbl 12 ppg E+ tuned spacer, 54.5 bbl 15.8 ppg HTB Class G tail slurry, 257.2 bbl displacement with 1.18 sg PERFLOW WBM. Full rotation at 20 RPM throughout cement operation. No losses observed throughout job. Plug bumped with 257.2 bbl displacement (253.5 bbl expected) and liner pressure tested to 3200 psi/15 minutes - good test.			
Stg #		Top (mKB)		Top Meas Meth		Btm (mKB)		Com	
1		2,941.00		Pressure/Volume calc		3,525.25		Liner cement job	
Survey Data									
Date		MD (mKB)		Incl (°)		Azm (°)		TVD (mKB)	
								VS (m)	
								NS (m)	
								EW (m)	
								DLS (°/30m)	
								Method	
Job Information									
Job Phase COMPLETION		Planned Start Date 4/01/2023 15:45		Start Date 27/01/2023 07:45		End Date		P50 Duration (days) 46.53	
								P50 Cost (Cost) 40,867,648	
Daily Summary Operations									
24h Forecast									
Complete flowback preparations during Cleansorb activation period. Offload and R/U 2 x N2 tanks. R/U slickline. Perform 18-3/4" 10K BOP stump test.									
24h Summary									
Opened A2 lower SSD. Injected Cleansorb breaker into A2 lower by pumping N2. Closed A2 lower SSD. Verified A2 lower closed via inflow test. Commenced flowback preparations.									
Operation at 07.00									
Continue flowback preparations during Cleansorb activation period.									
Time Log									
Start Time		End Time		Dur (hr)		Cum Dur (hr)		Phase	
00:00		00:30		0.50		0.50		W.T.	
00:30		02:15		1.75		2.25		W.T.	
								Opr.	
								Act.	
								Plan	
								Oper. Descr.	
								End Depth (mKB)	
								3,529.00	
								3,529.00	
								Line up to cement unit. Pressured up to 1,425psi to equalize across SFT-MV. Opened SFT-MV.	
								RIH with 4-1/2" BO selective down shifting tool (opening) to 2,433mMDRT (A2 lower SSD).	
								P/U weight 680lbs, hanging weight 240lbs.	
								Jarred down total of 34x (16xjars to equalize). Performed repeat pass 5x.	
								01:52 PDHG 1,704psi	
								02:10 PDHG 1,792psi	
								02:15 PDHG 1,816psi	
								Good indication of A2 lower SSD opening.	
								POOH with 4-1/2" BO standard down shifting tool (opening) from 2,433mMDRT to tool catcher.	
								02:30 PDHG 1,840psi	
								03:00 PDHG 1,856psi	
								Closed SFT-MV. WHP:1,537psi. Cold venting permit in place, no boat along side, no hot work, aft crane shut down.	
								Bled off pressure to 50psi via well test choke.	
								Inflow tested SFT-MV (5 mins allowable pressure increase of 1 % differential pressure) - good test.	
								Closed SFT-SV.	
								Lined up cement unit to SFT-KWV and P/T between SFT-MV and SFT-SV to 300/3,500 psi for 5/5 minutes - good test. Bled off pressure via well test choke manifold.	

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Time Log									
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.	End Depth (mKB)
04:30	05:00	0.50	5.00	W.T.	P	5	U	Broke out slickline lubricator from slickline BOPs. L/O 4-1/2" BO selective down shifting (opening). MU night cap. P/T same to 3,500psi/5min - good test. Concurrently, commenced cooling down N2 unit. 05:00 XT-KWV 1,562psi PDHG 1,880psi	3,529.00
05:00	08:30	3.50	8.50	W.T.	P	9	U	Held PJSM. Verify line ups on N2 unit. SITHP XT-KWV 1,539 psi PDHG 1,880 psi, commenced bullheading N2 at 700 scf/min. 05:15 XT-KWV 1,663psi PDHG 2,000psi 05:30 XT-KWV 1,725psi PDHG 2,096psi 05:45 XT-KWV 1,807psi PDHG 2,160psi 06:00 XT-KWV 1,876psi PDHG 2,272psi 07:00 XT-KWV 1,853psi PDHG 2,224psi 07:15 Lost prime. 07:40 Restarted pumping at 700scf/min. 08:00 XT-KWV 1,802psi PDHG 2,176psi 08:30 XT-KWV 1,812psi PDHG 2,160psi Total N2 used 1,424gal.	3,529.00
08:30	09:30	1.00	9.50	W.T.	P	20	U	Shut in N2 at unit. Isolated N2 System at SFT lo-torques. Bled down N2 lines. Closed SFT-MV. Monitored well. 09:30 XT-KWV 1,740psi PDHG 2,099psi Theoretical fluid column from PDHG to A2 lower is N2.	3,529.00
09:30	11:00	1.50	11.00	W.T.	P	5	U	MU 4-1/2" Standard BO up (closing) shifting toolstring. MU Slickline lubricator to QTS. P/T QTS with hydraulic hand pump to 3,500 psi/5 minutes - good test. WHP:1,738psi/ PDHG 2,099psi. Cold venting permit in place, no boat along side, no hot work, aft crane shut down. Bled off pressure to 50psi via well test choke. Inflow tested SFT-MV (5 mins allowable pressure increase of 1 % differential pressure) - good test. Opened SFT-SV. Lined up to cement unit to equalize across SFT-MV. Pressured up to 1,740psi above SFT-MV and opened SFT -MV.	3,529.00
11:00	12:15	1.25	12.25	W.T.	P	15	U	RIH 4-1/2" Standard BO up (closing) shifting toolstring to 2,433mMDRT (A2 lower SSD). P/U weight 460lbs, hanging weight 440lbs. Attempted RIH past SSD 10x - picked up and latched each time. Jarred up total 46x times during the 10x RIH attempts until able to pass through. Performed 6x repeat pass. 11:00 PDHG 2,096psi 11:30 PDHG 2,100psi 12:00 PDHG 2,093psi	3,529.00
12:15	13:15	1.00	13.25	W.T.	P	15	U	POOH 4-1/2" Standard BO up (closing) shifting toolstring from 2,433mMDRT (A2 lower SSD) to tool catcher.	3,529.00
13:15	14:30	1.25	14.50	W.T.	P	12	U	Closed SFT-MV. WHP:1,737psi. Cold venting permit in place, no boat operations, no crane work. Bled off pressure to 50psi via well test choke. Inflow tested SFT-MV (5 mins allowable pressure increase of 1 % differential pressure) - good test. Closed SFT-SV. Lined up cement unit to SFT-KWV and P/T between SFT-MV and SFT-SV to 300/3,650 psi for 5/5 minutes - good test. Bled off pressure via well test choke manifold.	3,529.00
14:30	15:00	0.50	15.00	W.T.	P	5	U	Broke out slickline lubricator from slickline BOPs. L/O 4-1/2" BO standard up shifting tool (closing). Steel pin intact. R/D and L/O slickline lubricator. MU night cap. P/T same to 3,500psi/5min - good test. 15:00 PDHG:2,093psi	3,529.00
15:00	16:00	1.00	16.00	W.T.	P	20	U	Cold venting permit in place, no boat along side, no hot work, aft crane shut down. Bled off the pressure to 0 psi via well test choke. Bled off pressure 2,093psi (PDHG) /1,737psi at XT-KWV to 1,350psi (PDHG) /1,126psi at XT-KWV to have 800psi underbalance (based on assumption N2 below PDHG/ A2 lower PP at 2,149psi) from A2 lower SSD / 200psi underbalance from A2 upper (A2 upper PP 1,595psi). Closed SFT-MV. Bled off the pressure above SFT-MV to 0 psi.	3,529.00
16:00	17:00	1.00	17.00	W.T.	P	12	U	Performed inflow test on A2 lower SSD. Monitored PDHG- good test indicating A2 lower SSD in closed position.	3,529.00
17:00	23:30	6.50	23.50	W.T.	P	1	U	Commenced preparation for well testing while waiting on Cleansorb activation. Mixed 70bbl of 30ppb Sodium Bicarbonate solution to be added to the well test package if required. Backloaded empty N2 tanks. Completed following activities: Function tested compressors to STB and Port side burner. Function tested ignition systems 70% complete. Function tested Pyrosentry solenoid. Function tested boiler and compressor ESDs. Bring boiler up to temperature.	3,529.00

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Time Log												
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.	End Depth (mKB)			
23:30	00:00	0.50	24.00	W.T.	P	12	U	Lined up to cement unit, filled the A-annulus black eagle hose with inhibited brine. P/T same to 2,500psi/5min-good test.	3,529.00			
Operation from 00:00 to 06:00												
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.				
00:00	06:00	6.00	30.00	W.T.	P	1	U	Continued preparation for well testing during Cleansorb activation period. Checked main deck for flammable items (e.g. welders racks) Moved NOV bug blower down to below cantilever. Ran SW hose to the well test area for wash down. Re-installed and tidied up all heat blankets. Set Methanol Injection pump Upstream SSV to 6ltr/Min. Set Methanol Injection Pump Separator to 2ltr/min. Set Bicarb Injection pump Upstream SSV to 6ltr/min. Emptied and transferred liquid from VST's to Gauge Tank. Prepared water hose for wash down (equipment and personnel) or diluting any Clean-sob spill at well test area. Opened and inspected STX Steam Trap. R/U 3" hoses from pit, ready to connect to VST's for transferring NaHCO3 from Pit to well test package. Rig crew needle gunning and re-painting tongs and elavators in sack store/ heavy tool store. Ongoing monitoring of the well: Pressures remained stable; at 06:00 hrs 1,122 psi WHP and 1,357psi (PDHG)				
Gas Readings												
Avg Background Gas (%)				Max Background Gas (%)			Avg Connection Gas (%)		Max Connection Gas (%)			
Avg Drill Gas (%)				Max Drill Gas (%)			Avg Trip Gas (%)		Max Trip Gas (%)			
Mud Type: BR - Inhibited Brine - --												
Depth (mKB)		Density (lb/gal)		Funnel Viscosity (s/qt)		PV Calc (cP)		YP Calc (lb/100ft²)	pH	Chlorides (mg/L)	Electric Stab (V)	
3,529.00		9.16										
Solids (%)		Sand (%)		NTU in		NTU Out		Temp Crystal (°C)	Oil & Grease	Static Sheen	Filtration Size (µm)	
Daily Mud Volumes												
Tank/Addition/Loss						Type		Des		Volume (bbl)		
Tank						Pit#1 Filtered 1.1sg NaCl Brine		RESERVE		475.0		
Tank						Pit#2 Filtered 1.1sg NaCl Brine		RESERVE		145.0		
Tank						Pit#3		RESERVE				
Tank						Pit#4 - Saraline 185V		OTHER		188.0		
Tank						Pit#5		RESERVE				
Tank						Pit#6 - Filtered 1.1 sg NaCl Brine		ACTIVE		392.0		
Tank						Pit#7		RESERVE				
Tank						Pit#8		RESERVE				
Tank						PREMIX		RESERVE				
Tank						SLUG - NaHCO3 pill		RESERVE		70.0		
Tank						SANDTRAP		RESERVE				
Tank						Overflow		RESERVE				
Tank						DEGASSER		RESERVE				
Tank						DESANDER		RESERVE				
Tank						DESILTER		RESERVE				
Tank						TripTank 1 Filtered 1.1sg NaCl Brine		ACTIVE		8.0		
Tank						Trip Tank 2 Filtered 1.1sg NaCl Brine		ACTIVE		9.0		
Tank						Brine Tank - 1.2 sg NaCl Brine		OTHER		360.0		
Hole						1.1 sg NaCl Brine		ACTIVE		1,380.0		
Cumulative Mud Volumes												
Active Volume (bbl)			Hole Volume (bbl)			Losses (bbl)			Cum Additions (bbl)		Additions (bbl)	Cum Losses (bbl)
2,479.0			1,380.0			0.0			0.0		0.0	8,947.0
Daily Contacts												
Position		Contact Name			Company		Title		Email		Office	Mobile
Eni representative					ENI							
Eni representative					ENI							
Safety Representative					ENI							
Eni representative					ENI							
Eni representative					ENI							
Eni representative					ENI							
Personnel Log (POB)												
Company				Serv. Type		Work H (hr)		Stand-by H (hr)		Count	Note	
TFMC				SURFACE WELLHEAD						0		
ACC				SURFACE WELLHEAD						0		
BAKER HUGHES INTEQ				MUD ENGINEERS						1		
AME				WELLTEST SPREAD						1		
SCOTTECH				FILTRATION						1		
Halliburton				Completions						1		
HALLIBURTON				CEMENTERS						2		
ONESUBSEA				FLOW TREE						2		
IKM				NITROGEN PUMPING						4		
KENT				Platform construction						5		
SCHLUMBERGER				SLICKLINE/E-LINE						6		
SCANTECH				DELUGE						6		
SCHLUMBERGER				WELL TEST						10		
ENI				COMPANY						11		
VALARIS				JACK UP						57		
Support Vessels												
Vessel Type		Vessel Name		Arrival Date		Depart Date		Note				
Supply Vessel		Pacific Vulcan		30/03/2023				BTP Location				
Supply Vessel		Go Sirius		31/03/2023				BTP Location				
Supply Vessel		Go Spica		2/04/2023				Darwin Supply Base				

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BOP Stack & Components

Description 18-3/4" 10K Class-5 BOP			Start Date 27/12/2022	Last Certification Date 27/01/2023	Pressure Rating (psi) 10,000.0
Type	Make	Model	ID Nom (in)	P Range (psi)	Last Cert Date
Annular	SHAFFER	Annular Preventer	18 3/4	5,000.0	27/01/2023
UPR	SHAFFER	3-1/2" X 5-1/2" VBR	18 3/4	10,000.0	27/01/2023
BSR	SHAFFER	Blind shear rams	18 3/4	10,000.0	27/01/2023
MPR	SHAFFER	3-1/2" X 5-1/2" VBR	18 3/4	10,000.0	27/01/2023
LPR	SHAFFER	5-1/2" Fixed rams	18 3/4	10,000.0	27/01/2023

Slow Circulation Rates

Pump Number: 1		Make: Lewco			Model: W-2215			
Start Date 27/12/2022		End Date		Liner Size (in) 5 1/2		Volume Per Stroke Override (bbl/stk) 0.110	Max Pressure (psi) 6,666.0	
Date	Depth (mKB)	Slow Spd	Strokes (spm)	P (psi)	Eff (%)	Q Flow (gpm)		
Pump Number: 2		Make: Lewco			Model: W-2215			
Start Date 27/12/2022		End Date		Liner Size (in) 5 1/2		Volume Per Stroke Override (bbl/stk) 0.110	Max Pressure (psi) 6,666.0	
Date	Depth (mKB)	Slow Spd	Strokes (spm)	P (psi)	Eff (%)	Q Flow (gpm)		
Pump Number: 3		Make: Lewco			Model: W-2215			
Start Date 31/01/2023		End Date		Liner Size (in) 5 1/2		Volume Per Stroke Override (bbl/stk) 0.110	Max Pressure (psi) 6,666.0	
Date	Depth (mKB)	Slow Spd	Strokes (spm)	P (psi)	Eff (%)	Q Flow (gpm)		

Daily Bulk

Supply Item Description: Barite		Unit Label: tonnes		Unit Size:		Note:	
Date 27/01/2023	Consumed 84.39	Received 84.39	Returned	Cum Consumed 0.0	Cum Received 84.39	Cum Returned 0.0	Cum On Loc 84.39
Supply Item Description: Base Oil		Unit Label: BBL		Unit Size:		Note:	
Date 5/03/2023	Consumed	Received 270.0	Returned	Cum Consumed 300.0	Cum Received 570.0	Cum Returned 0.0	Cum On Loc 270.0
Supply Item Description: Brine		Unit Label: bbl		Unit Size:		Note:	
Date 30/03/2023	Consumed	Received 88.0	Returned	Cum Consumed 5,323.33	Cum Received 5,741.33	Cum Returned 58.0	Cum On Loc 360.0
Supply Item Description: CaCO3		Unit Label: tonnes		Unit Size:		Note:	
Date 2/03/2023	Consumed 8.17	Received	Returned	Cum Consumed 8.17	Cum Received 77.59	Cum Returned 0.0	Cum On Loc 69.42
Supply Item Description: Cement G		Unit Label: tonnes		Unit Size:		Note:	
Date 27/01/2023	Consumed	Received 72.6	Returned -5.0	Cum Consumed 0.0	Cum Received 72.6	Cum Returned -5.0	Cum On Loc 77.6
Supply Item Description: Cement HTB		Unit Label: tonnes		Unit Size:		Note:	
Date 27/01/2023	Consumed	Received 15.88	Returned -3.63	Cum Consumed 0.0	Cum Received 15.88	Cum Returned -3.63	Cum On Loc 19.51
Supply Item Description: Diesel Fuel		Unit Label: m³		Unit Size:		Note:	
Date 2/04/2023	Consumed 7.0	Received	Returned	Cum Consumed 442.63	Cum Received 577.62	Cum Returned -57.22	Cum On Loc 192.21
Supply Item Description: Drilling Water		Unit Label: m³		Unit Size:		Note:	
Date 2/04/2023	Consumed 0.0	Received	Returned	Cum Consumed 2,141.43	Cum Received 3,146.67	Cum Returned 213.49	Cum On Loc 791.75
Supply Item Description: Potable Water		Unit Label: m³		Unit Size:		Note:	
Date 2/04/2023	Consumed 20.28	Received 22.97	Returned	Cum Consumed 1,136.28	Cum Received 1,301.96	Cum Returned -4.25	Cum On Loc 169.93

Last Authority Visit

Date 17/01/2023	Tot insp. Nbr	Total I.N.C. number	Comment NOPSEMA visit - inspection focused on SIMOPS management, dropped objects, and follow up on recent reported safety indicents.
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General Notes

Comment: Blacktip P3 Well Surface Location:
13° 53' 41.56" N, 128° 29' 2.75" E

C-annulus (13-5/8" x 20") pressure at 00:00hours - 670psi.

Standby personnel
Truscott: 3 x TFMC
2x WFT TRS, 1 x ACC, 2x Scantech, 1 x Valaris

Kent construction update:
XT spools- 70%
Final Hook up spools & Choke-40%
Inlec & Tubing terminations- 45%
Honeywell Hardware- 95%

Last WL/SL BOP test: 19/03/2023, next due date: 9/4/2023