



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

Daily Report

Date: **4/04/2023**
Report #: **65**
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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) 31.0		Wind 2 knots		Days LTI (days) 1,683.00		Days RI (days) 107.0	
Cost Summary									
Job Account		Currency Code USD		Total AFE Amount (Cost) 40,867,646		Daily Cost (Cost) 597,524		Cumulative Cost (Cost) 60,038,361	
Main Operation									
Safety Incidents - Near Miss									
Date		Category		Type		Subtype		Severity	
								Cause	
								Lost time?	
Comment									
Safety Drills									
Type		# Occur		Last Date		Next Date		Days Until Next Check (days)	
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		4	
Safety Meeting		15		2/04/2023		9/04/2023		5	
Safety Stand down		5		9/03/2023					
Slickline / Wireline BOP Test		1		19/03/2023		9/04/2023		5	
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									
Shut-in well and monitor pressure build up. Close A2U SSD, Open A2L SSD, inject fluids with N2, Close A2L SSD, re-open A2U SSD and flow well on clean up.									
24h Summary									
R/U slickline. M/U 4-1/2" BO down shifting (opening) tool. Opened A2 upper SSD.Tied in 2 x N2 tanks. Injected N2 into A2 upper, spotted NaHCO3 pill in well test package, Commenced flowback A2 upper.									
Operation at 07.00									
Monitor build up. Prepare for Slickline operations.									
Time Log									
Start Time		End Time		Dur (hr)		Cum Dur (hr)		Phase	
00:00		03:00		3.00		3.00		W.T.	
								Opr.	
								Act.	
								Plan	
								Oper. Descr.	
								End Depth (mKB)	
								3,529.00	
Held PJSM with new crew (crew changed on 3/4/2023).									
Cold venting permit in place, no boat along side, no hot work, aft crane shut down. Bled off the pressure above SFT-MV to 0 psi.									
M/U 4-1/2" Selective down shifting (opening) toolstring.									
Removed night cap.									
R/U Slickline lubricator to QTS.									
Lined up to cement unit. Flushed lines with 1.1sg filtered NaCl brine.									
Opened SFT-SV. P/T lubricator to 300/3,500psi for 5/5min with cement unit against closed well test choke-good test. Bled off pressure via well test choke. Closed well test choke.									
Closed SFT-SV.									
Offline:									
Continued 18-3/4" 10K BOP stump test - P/T 3-1/2" VBR (MPR) to 300/3,000psi for 5/5minutes- good test.									
Well test preparations									
Cleaned Separator Sight glasses Water and Oil.									
Installed signage and label on hoses/piping and well test equipment.									
01:00hrs WHP 1,123 psi and PDHG 1,358psi									

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Time Log									
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.	End Depth (mKB)
03:00	12:00	9.00	12.00	W.T.	P	1	U	Continued with well test preparations. Cleaned Separator Sight glasses Water and Oil. Attempted to pressure test UPR (VBR) with 3-1/2" and 5" test mandrels-not successful. Ram bonnets to be opened for further investigation. 05:00hrs WHP 1,123 psi and PDHG 1,358psi. ETA Go Spica (N2 tanks) at 07:30 to assess drift off conditions for positioning along side (degraded DP status due to out of service bow thruster). Offloaded N2 tanks - connected same to the N2 pumping skid. Built scaffolding to replace 3-1/2" - 5-1/2" VBR (UPR). DSV, WTS, OIM walked the well test lines in preparation for flow back.	3,529.00
12:00	12:45	0.75	12.75	W.T.	P	20	U	Lined up to cement unit and pressured above SFT-MV to 1,100psi to equalize. Opened SFT-MV. Opened SFT-SV.	3,529.00
12:45	14:00	1.25	14.00	W.T.	P	15	U	RIH with 4-1/2" BO selective down shifting tool (opening) to 2,368mMDRT (A2 upper SSD). P/U weight 680lbs, hanging weight 240lbs. Jarred down total of 11x (7x to equalise and 4x to pass through). Performed repeat pass 5x. 13:00 WHP:1,137psi PDHG: 1,360psi. Good indication of A2 upper SSD opening with pressure increase in PDHG.	3,529.00
14:00	14:45	0.75	14.75	W.T.	P	15	U	POOH 4-1/2" BO selective down shifting tool (opening) from 2,368mMDRT to tool catcher. 14:00 WHP:1,176psi PDHG: 1,392psi	3,529.00
14:45	15:30	0.75	15.50	W.T.	P	12	U	Closed SFT-MV. WHP:2,881psi. Cold venting permit in place, Port aft rane shut down operations, no boat operations. 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. 15:00 WHP:1,221psi PDHG: 1,488psi to 482psi- initial liquid then gas returns. Shut-in at the needle valve, C-annulus build up to 672psi IKM commenced cooling down the N2 unit. Offline: 14:45 hours. Cold vent permit in place, bled off C-annulus from 682psi to 482psi via needle valve in 10 minutes - trace liquid returns initially (condensation) followed by all gas returns. Shut-in to monitor C-annulus pressure build up 6 psi/min initially to 526 psi. (600 psi at 15:45 hrs hours).	3,529.00
15:30	16:15	0.75	16.25	W.T.	P	5	U	Broke out slickline lubricator from slickline BOPs. L/O 4-1/2" BO selective down shifting tool (opening). MWU night cap. P/T same to 3,500psi/5min-good test. 16:00 WHP:1,264psi PDHG: 1,528psi	3,529.00
16:15	20:45	4.50	20.75	W.T.	P	9	U	Held PJSM. Verified line ups on N2 unit. Applied 1,290psi equalising pressure above SFT MV via N2 unit. Opened SFT-MV. 16:58 200scf/min XT-KWV 1,283psi PDHG 1,552psi 17:03 300scf/min XT-KWV 1,290psi PDHG 1,560psi 17:07 500scf/min XT-KWV 1,298psi PDHG 1,568psi 17:11 700scf/min XT-KWV 1,308psi PDHG 1,584psi 18:00 700scf/min XT-KWV 1,872psi PDHG 1,551psi 19:00 700scf/min XT-KWV 1,775psi PDHG 2,144psi 20:00 700scf/min XT-KWV 1,689psi PDHG 2,032psi 20:30 700scf/min XT-KWV 1,691psi PDHG 2,024psi Shut in N2 at unit. Isolated N2 System at SFT lo-torques. Bled down N2 lines. Closed SFT-MV. Total N2 used 1,605gal Total N2 left usable on deck 1,300gal.	3,529.00
20:45	22:45	2.00	22.75	W.T.	P	20	U	Held PJSM. Lined up to cement unit and pumped NaHCO3 to well test package to neutralize Cleansorb- total pumped 60bbl NaHCO3 followed with 10bbl filtered brine.	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)		
22:45	00:00	1.25	24.00	W.T.	P	10	U	Lined up cement unit. Opened SFT-MV. Flaring permit in place, Port aft crane no movement, no hot work on WHP and V107, water curtain and hatch protection tests, no Vessel alongside. Flame inhibits in place in WHP. Held PJSM. Opened the well at 23:20 Switched on pilot Ignition system/ water deluge syste at PORT side burner. 23:20 - Choke at 16/64" - WHP: 1,676psi, PDHG: 2,000psi, A-annulus: 36 psi, C-annulus:672 psi. 23:22 - Increased choke at 20/64" 23:23- Observed dry gas at surface. 23:24 - Increased choke at 24/64" 23:26 - Increased choke at 28/64" 23:28 - Increased choke at 32/64" 23:30 - Increased choke at 36/64" 23:30 WHP: 1,696psi, PDHG: 1,397psi, A-annulus: 36 psi, C-annulus:672psi. 23:31 Took sampling parameter at WTCM sampling point. H2S=0ppm; CO2=0.0%. 23:32 - Increased choke at 40/64" 23:34 - Increased choke at 44/64" 23:36 - Increased choke at 48/64" 23:40 WHP: 822psi, PDHG: 1,016psi, A-annulus: 30 psi, C-annulus:672psi. 23:41 - Increased choke at 52/64" 23:50 - Choke at 52/64" - WHP: 412psi, PDHG:516psi, A-annulus: 24 psi, C-annulus:672 psi. 23:53 Took sampling parameter at Separator sampling point. Gas SG=0.970. 23:59 - Choke at 52/64" - WHP: 250psi, PDHG:506psi, A-annulus: 29 psi, C-annulus:672 psi. 24:00 - Shut in the well at the well test choke. Commenced monitoring build up. Offline: Replacement of 3-1/2" - 5-1/2" VBR (UPR)- in progress. Observed damage in rubbers. Seal face generally in good condition.	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	03:00	3.00	27.00	W.T.	P	20	U	Monitored build up. 00:30 WHP: 471psi PDHG: 860psi 01:30 WHP: 690psi PDHG: 1,288psi 02:00 WHP: 714psi PDHG: 1,368psi 02:30 WHP: 724psi PDHG: 1,408psi Offline: Installing 3-1/2" - 5/12" VBRs (UPR)			
03:00	06:00	3.00	30.00	W.T.	P	10	U	Opened the well at 03:00 Switched on pilot Ignition system/ water deluge syste at PORT side burner. 03:00 - Choke at 16/64" - WHP: 731psi, PDHG: 1,424psi, A-annulus: 52 psi, C-annulus:671 psi. 03:01- Observed dry gas at surface 03:02 - Increased choke at 20/64" 03:04 - Increased choke at 24/64" 03:05 Choke at 24/64" WHP: 669psi PDHG: 1,360psi 03:06 - Increased choke at 28/64" 03:08 - Increased choke at 32/64" 03:10- Increased choke at 36/64" 03:15 Choke at 36/64" WHP: 417psi PDHG: 1,120psi 03:12 - Increased choke at 40/64" 03:14 - Increased choke at 44/64" 03:15 Choke at 44/64" WHP: 417psi PDHG: 1,120psi 03:16 - Increased choke at 48/64" 03:22 - Took sampling parameter at Separator sampling point. Gas SG=0.925 03:25 Took sampling parameter at WTCM sampling point. H2S=0ppm; CO2=0.5%. 03:40 - Took sampling parameter at Separator sampling point. Gas SG=0.930 03:45 Took sampling parameter at WTCM sampling point. H2S=0ppm; CO2=0.5%. 04:32 Diverter flow to STBD side due to change in wind direction. 04:00 Choke at 44/64" WHP: 16psi PDHG: 1,048psi 05:00 Choke at 44/64" WHP: 18psi PDHG: 1,288psi 06:00 Choke at 44/64" WHP: 417psi PDHG: 1,120psi			
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		450.0
Tank							Pit#2 Filtered 1.1sg NaCl Brine		RESERVE		105.0
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 -Sodium Bicarb Pill		RESERVE		80.0
Tank							SANDTRAP		RESERVE		
Tank							Overflow		RESERVE		
Tank							DEGASSER		RESERVE		
Tank							DESANDER		RESERVE		
Tank							DESILTER		RESERVE		

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Daily Mud Volumes								
Tank/Addition/Loss			Type	Des	Volume (bbl)			
Tank			TripTank 1- Filtered NaCl Brine	ACTIVE		8.0		
Tank			Trip Tank 2 -Filtered 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)			
2,424.0	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				
BOP Stack & Components								
Description			Start Date	Last Certification Date	Pressure Rating (psi)			
18-3/4" 10K Class-5 BOP			27/12/2022	27/01/2023	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		End Date	Liner Size (in)	Volume Per Stroke Override (bbl/stk)	Max Pressure (psi)			
27/12/2022			5 1/2	0.110	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		End Date	Liner Size (in)	Volume Per Stroke Override (bbl/stk)	Max Pressure (psi)			
27/12/2022			5 1/2	0.110	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		End Date	Liner Size (in)	Volume Per Stroke Override (bbl/stk)	Max Pressure (psi)			
31/01/2023			5 1/2	0.110	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	Consumed	Received	Returned	Cum Consumed	Cum Received	Cum Returned	Cum On Loc	Note
27/01/2023		84.39		0.0	84.39	0.0	84.39	
Supply Item Description: Base Oil		Unit Label: BBL	Unit Size:	Note:				
Date	Consumed	Received	Returned	Cum Consumed	Cum Received	Cum Returned	Cum On Loc	Note
5/03/2023		270.0		300.0	570.0	0.0	270.0	
Supply Item Description: Brine		Unit Label: bbl	Unit Size:	Note:				
Date	Consumed	Received	Returned	Cum Consumed	Cum Received	Cum Returned	Cum On Loc	Note
30/03/2023		88.0		5,323.33	5,741.33	58.0	360.0	
Supply Item Description: CaCO3		Unit Label: tonnes	Unit Size:	Note:				
Date	Consumed	Received	Returned	Cum Consumed	Cum Received	Cum Returned	Cum On Loc	Note
2/03/2023	8.17			8.17	77.59	0.0	69.42	
Supply Item Description: Cement G		Unit Label: tonnes	Unit Size:	Note:				
Date	Consumed	Received	Returned	Cum Consumed	Cum Received	Cum Returned	Cum On Loc	Note
27/01/2023		72.6	-5.0	0.0	72.6	-5.0	77.6	adjustment
Supply Item Description: Cement HTB		Unit Label: tonnes	Unit Size:	Note:				
Date	Consumed	Received	Returned	Cum Consumed	Cum Received	Cum Returned	Cum On Loc	Note
4/04/2023	15.88			15.88	15.88	-3.63	3.63	
Supply Item Description: Diesel Fuel		Unit Label: m³	Unit Size:	Note:				
Date	Consumed	Received	Returned	Cum Consumed	Cum Received	Cum Returned	Cum On Loc	Note
4/04/2023	5.88			456.14	577.62	-57.22	178.7	
Supply Item Description: Drilling Water		Unit Label: m³	Unit Size:	Note:				
Date	Consumed	Received	Returned	Cum Consumed	Cum Received	Cum Returned	Cum On Loc	Note
4/04/2023	9.22			2,163.53	3,191.19	213.49	814.17	

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Daily Bulk								
Supply Item Description: Potable Water				Unit Label: m³		Unit Size:		Note:
Date	Consumed	Received	Returned	Cum Consumed	Cum Received	Cum Returned	Cum On Loc	Note
4/04/2023	19.83	61.93		1,170.4	1,429.82	-4.25	263.67	
Last Authority Visit								
Date	Tot insp. Nbr		Total I.N.C. number		Comment			
17/01/2023					NOPSEMA visit - inspection focused on SIMOPS management, dropped objects, and follow up on recent reported safety indicents.			
General Notes								
<p>Comment: Blacktip P3 Well Surface Location: 13° 53' 41.56" N, 128° 29' 2.75" E</p> <p>C-annulus (13-5/8" x 20") pressure at 00:00hours - 672psi.</p> <p>Standby personnel Truscott: 3 x TFMC 2x WFT TRS, 1 x ACC, 2x Scantech, 1 x Valaris</p> <p>Last WL/SL BOP test: 19/03/2023, next due date: 9/4/2023</p>								