



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  
 Page: 1 of 5

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		Rig Release Date					
Daily Information													
Weather Fine		Temperature (°C) 31.0		Wind 2 knots	Days LTI (days) 1,683.00		Days RI (days)	POB 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		Daily Mud Field Est (Cost)	Cum. Mud Cost (Cost)						
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 BOP Function Test BOP Pressure Test Fire Drill Safety Meeting Safety Stand down Slickline / Wireline BOP Test Stretcher Drill Trip drill Well Control Drill				1 5 2 17 15 5 1 2 9 10	17/01/2023 10/02/2023 27/01/2023 1/04/2023 2/04/2023 9/03/2023 19/03/2023 12/01/2023 15/02/2023 11/03/2023	8/04/2023 9/04/2023 9/04/2023		4 5 5					
Casings seat													
Cas. Type	OD (in)	ID (in)	Grade	Top (mKB)	Bottom (mKB)	TVD Bot. (mKB)	Landing Date						
CONDUCTOR	30	27.00	X-52	35.33	186.56	186.56	25/05/2009						
CASING	20	18.76	K55	35.27	949.39	933.16	21/12/2022						
CASING	13 5/8	12.40	L80	34.80	2,345.24	2,135.93	6/01/2023						
LINER	9 5/8	8.62	L80Cr13	2,243.52	2,982.83	2,729.47	15/01/2023						
LINER	7	6.23	L80Cr13	2,942.00	3,526.25	3,254.53	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. MU 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	Opr.	Act.	Plan	Oper. Descr.					
00:00	03:00	3.00	3.00	W.T.	P	5	U	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.  MU 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 Cleanned 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					
								End Depth (mKB) 3,529.00					

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).  MU 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										End Depth (mKB)
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.		
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) 3,529.00	Density (lb/gal) 9.16	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft <sup>2</sup> )	pH	Chlorides (mg/L)	Electric Stab (V)
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	
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			Trip Tank 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) 2,424.0	Hole Volume (bbl) 1,380.0	Losses (bbl) 0.0	Cum Additions (bbl) 0.0	Additions (bbl) 0.0	Cum Losses (bbl) 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 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	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: m <sup>3</sup>		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

**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 - 672psi.

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

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