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

Daily Report

Date: 31/03/2023
Report #: 61

Well Header

Permit/Concession N°	Operator	Subsidiary	Initial Lahee Code
80107001 - WA-33-L	ENI AUSTRALIA B.V.	ENI AUSTRALIA B.V.	

Rotary Table Elevation (m)	Water Depth (m)	First Flange (m)	RKB - Base Flange (m)	RKB - Tubing Spool (m)
57.01	-50.80	22.05	34.96	34.40

Rigs

Rig Name	Contractor	Rig Type	Rig Num	Rig Start Date	Rig Release Date
VALARIS 107	Valaris	JACK UP	3247	22/11/2022	

Daily Information

Weather	Temperature (°C)	Wind	Days LTI (days)	Days RI (days)	POB
Fine	30.0	2 knots	1,679.00		107.0

Cost Summary

Job Account	Currency Code	Total AFE Amount (Cost)	Daily Cost (Cost)	Cumulative Cost (Cost)	Daily Mud Field Est (Cost)	Cum. Mud Cost (Cost)
	USD	40,867,646	672,429	56,417,990		

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	16	25/03/2023	1/04/2023	1
Safety Meeting	14	26/03/2023	2/04/2023	2
Safety Stand down	5	9/03/2023		
Slickline / Wireline BOP Test	1	19/03/2023	9/04/2023	9
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)	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	Planned Start Date	Start Date	End Date	P50 Duration (days)	P50 Cost (Cost)
COMPLETION	4/01/2023 15:45	27/01/2023 07:45		46.53	40,867,648

Daily Summary Operations

24h Forecast
Open A3 SSD. Inject Cleansorb into A3 with N2. Close A3 SSD. Verify A3 closed. R/D slickline.

24h Summary
Pump a further 100bbl 1.1sg Cleansorb. Inject Cleansorb with N2. Monitor well. Close A2 upper SSD. Confirm A2 lower and A3 SSD closed. Confirm A2 upper SSD closed with pressure test.

Operation at 07.00
Opened A3 SSD. Pump N2 to push Cleansorb into A3.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.	End Depth (mKB)
00:00	01:45	1.75	1.75	W.T.	P	9	U	Continued pumping 1.1sg Cleansorb breaker at 1bpm/1,410-830psi. Total 100bbl pumped (cumulative 1.1sg Cleansorb breaker, 130bbl) followed by 5bbl of 1.1sg NaCl brine at 1bpm/840psi. 00:30: XT-KWV: 1,196psi. DHPG: 2,224psi. 01:00: XT-KWV: 928psi. DHPG: 2,272psi 01:26: XT-KWV: 872psi. DHPG: 2,416psi	3,529.00
01:45	02:30	0.75	2.50	W.T.	P	1	U	Held PJSM. Started cooling down N2 unit in preparation for N2 pumping. Equalized the pressure to 950psi at N2 unit.	3,529.00
02:30	05:15	2.75	5.25	W.T.	P	9	U	Re-started N2 pumping operations. 02:35 Commenced N2 pumping at 700scf/min to displace Cleansorb into A2 upper. 02:45 XT-KWV 1,073psi PDHG 2,396psi 02:55 XT-KWV 1,204psi PDHG 2,463psi 03:05 XT-KWV 1,319psi PDHG 2,537psi 03:15 XT-KWV 1,425psi PDHG 2,605psi 03:45 XT-KWV 1,704psi PDHG 2,752psi 04:15 XT-KWV 1,858psi PDHG 2,800psi 04:35 XT-KWV 2,005psi PDHG 2,832psi 05:05 XT-KWV 2,187psi/PDHG 2,896psi 05:25 XT-KWV 2,222psi/PDHG 2,864psi. Lost the prime on the pumps. Total N2 usage 1,560gal-480gal usable N2 left on deck. Theoretical Top of Cleansorb breaker:2,134mMDRT (0.4bbl), 3m above PDHG. Top of 1.1sg NaCl brine: 2,092mMDRT. 28bbl Cleansorb breaker remained below PDHG to the A2 upper SSD (inside 7" and 4-1/2" tubing).	3,529.00

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.	End Depth (mKB)
05:15	06:00	0.75	6.00	W.T.	P	20	U	Attempted to prime and re-start N2 pumping Operationally ready to pump at 06:00 hrs - advised to close A2U SSD. Prepared for WHP bleed down. 05:35 XT-KWV 2,197psi/PDHG 2,800psi. 06:00 XT-KWV 2,150 psi / PDHG 2,656 psi (5.76psi/min drop).	3,529.00
06:00	07:30	1.50	7.50	W.T.	P	20	U	Monitored pressures. 06:30 XT-KWV 2,013psi / PDHG 2,416psi. 07:00 XT-KWV 1,706psi / PDHG 2,048psi. 07:15 XT-KWV 1,701 psi / PDHG 2,040psi.	3,529.00
07:30	08:45	1.25	8.75	W.T.	P	5	U	Closed SFT-MV. Bled off pressure to 0 psi. Opened night cap. M/U 4-1/2" Standard BO up (closing) shifting toolstring. R/U Slickline lubricator to QTS. P/T QTS to 3,500psi/5min- good test.	3,529.00
08:45	12:45	4.00	12.75	W.T.	P	24	TW02	Assitant cementer just arrived to rig, waited on assistant cementer to complete V-107 induction, cement unit & line-up orientation ready to pump down and equalize above SFT-MV.	3,529.00
12:45	14:00	1.25	14.00	W.T.	P	15	U	Lined up to cement unit and applied 1,650psi to equalize. Opened SFT-MV. 13:15 XT-KWV:1,643psi, PDHG:1,984psi. RIH with 4-1/2" BO standard up shifting tool (closing) to 2,369mMDRT (1m past the A2 upper SSD depth). Recorded wieghts at 2,359 mMDRT, P/U 420lbs. S/O 240lbs. P/U to 2,368mMDRT and latched into SSD. Jarred up 8x and closed A2 upper SSD. Attempted to RIH 3x, picked up and latched each time. Jarred up 5x (1st RIH attempt), 5x (2nd RIH attempt), 3x (3rd attempt) to be able to pass thorugh A2 upper SSD. Performed repeat passx4. PDHG dropped from 1,984psi to 1,976psi and stabilised - good indication of A2 upper SSD closing .	3,529.00
14:00	14:45	0.75	14.75	W.T.	P	15	U	RIH with 4-1/2" BO standard up shifting tool (closing) from 2,368mMDRT to 2,433mMDRT (A2 lower SSD). No indication that A2 lower SSD in open position - no latch, able to pass through Performed repeat passx5. RIH with 4-1/2" BO standard up shifting tool (closing) from 2,433mMDRT (A2 lower SSD) to 2,518mMDRT where obstruction encountered. P/U 5m and running in with the same running speed, able to pass through. RIH with 4-1/2" BO standard up shifting tool (closing) from 2,518mMDRT to 2,596mMDRT (A3 SSD). No indication that A3 SSD in open position - no latch, able to pass through. Performed repeat passx5. POOH from 2,596mMDRT to 2,433mMDRT (A2 lower SSD). Performed repeat passx4. POOH 4-1/2" BO standard up shifting tool (closing) from 2,433 mMDRT to tool catcher.	3,529.00
14:45	15:30	0.75	15.50	W.T.	P	12	U	Closed SFT-MV. WHP:1,649psi. 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 300/3,500 psi for 5/5 minutes - good test. Bled off pressure via well test choke manifold.	3,529.00
15:30	16:45	1.25	16.75	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. M/U 4-1/2" selective BO down (opening) shifting toolstring. M/U Slickline lubricator to QTS. P/T QTS with hydraulic hand pump to 3,500 psi/5 minutes - good test.	3,529.00
16:45	22:45	6.00	22.75	W.T.	P	20	U	Completed job preparation and standing instructions. 18:00 Held JSA / PJSM & started cooling down the IKM N2 Unit in preparation for pressure testing. Pressured up to 1,650psi with N2 unit to equalize across SFT-MV. Opened SFT-MV. Pressured up the well to 2,500psi with N2 at 700scf/min against closed well test choke. Closed SFT-MV. Monitored well at XT-KWV for 45min- good test indicating A2 upper SSD closed. 1,050gal N2 used, 1,050gal usable N2 left on deck.	3,529.00
22:45	00:00	1.25	24.00	W.T.	P	15	U	Lined up cement unit to equalize across SFT-MV. Pressured up to 2,500psi and opened SFT-MV. RIH with 4-1/2" BO selective down shifting tool (opening) to 2,225mMDRT.	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	01:00	1.00	25.00	W.T.	P	15	U	RIH with 4-1/2" BO standard down shifting tool (opening) from 2,225mMDRT to 2,596mMDRT (A3 SSD). Recorded weights PU:460klbs, Hanging weight 440lbs. Jarred down 13x to equalize and total 35x. PDHG at the start of jarring 2,997psi (XT-KWV:2,506psi), dropped to 2,977psi (XT-KWV:2,490psi) prior to commencing POOH - good indication that A3 SSD opening.
01:00	01:45	0.75	25.75	W.T.	P	15	U	POOH 4-1/2" BO selective down shifting tool (opening) from 2.596mMDRT to tool catcher. No obstruction encountered at 2,518mMDRT.

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Wellbore Name: Blacktip P3
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Job: COMPLETION
WCEI Level: LEVEL 3

Daily Report

Date: 31/03/2023
Report #: 61

Operation from 00:00 to 06:00

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.
01:45	02:45	1.00	26.75	W.T.	P	12	U	Closed SFT-MV. WHP:2,476psi. 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 300/3,500 psi for 5/5 minutes - good test. Bled off pressure via well test choke manifold.
02:45	03:45	1.00	27.75	W.T.	P	5	U	Broke out slickline lubricator from slickline BOPs. L/O 4-1/2" BO selective down shifting tool (opening). Steel pin intact. Installed the night cap. P/T QTS with hydraulic hand pump to 3,500 psi/5 minutes - good test. Concurrently started cooling down the IKM N2 Unit.
03:45	05:45	2.00	29.75	W.T.	P	9	U	Held PJSM. Verified line ups on N2 unit. Opened SFT-MV. 04:00 N2 Pump Rate 700 scf/min XT-KWV 2,454-2,576psi PDHG 2,944-3,082psi (start-finish) 04:30 N2 Pump Rate 700 scf/min XT-KWV 2,576-2,765psi PDHG 3,082-3,312psi (start-finish) 05:00 N2 Pump Rate 700 scf/min XT-KWV 2,765psi-2,955psi PDHG 3,312-3,525psi (start-finish) 05:30 N2 Pump Rate 700 scf/min XT-KWV 2,955-3,138psi PDHG 3,525psi-3,744psi (start-finish) Lost prime at 05:38. Shut down N2 unit and isolated at lo-torq valves at SFT-KWV. Total N2 usage 947gal.
05:45	08:45	3.00	32.75	W.T.	P	20	U	Monitored pressures. Closed SFT-MV. Cold venting permit in place, no boat operations, no crane work. Bled off the pressure to 0 psi via well test choke. 05:55 XT-KWV 3,150psi PDHG 3,696psi. 06:30 XT-KWV 3,079psi PDHG 3,648psi. 07:00 XT-KWV 3,050psi PDHG 3,616psi. 07:30 XT-KWV 3,022psi PDHG 3,584psi. 08:00 XT-KWV 3,000psi PDHG 3,568psi. 08:30 XT-KWV 2,983psi PDHG 3,552psi.

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 (lbf/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 1.1sg NaCl Brine	RESERVE	460.0
Tank	Pit#2 Filtered NaCl Brine	RESERVE	175.0
Tank	Pit#3- Base oil/brine	RESERVE	0.0
Tank	Pit#4 - Saraline 185V	OTHER	188.0
Tank	Pit#5 1.1sg NaCl Brine	RESERVE	465.0
Tank	Pit#6 - 1.1 sg NaCl Brine	ACTIVE	65.0
Tank	Pit#7	RESERVE	
Tank	Pit#8	RESERVE	
Tank	PREMIX	RESERVE	
Tank	SLUG - Drill Water	RESERVE	
Tank	SANDTRAP	RESERVE	
Tank	Overflow	RESERVE	
Tank	DEGASSER	RESERVE	
Tank	DESANDER	RESERVE	
Tank	DESILTER	RESERVE	
Tank	TripTank 1 - 1.1 sg NaCl Brine	ACTIVE	
Tank	Trip Tank 2 - 1.1 sg NaCl Brine	ACTIVE	
Tank	Brine Tank - 1.2 sg NaCl Brine	OTHER	360.0
Hole	1.1 sg NaCl Brine	ACTIVE	

Cumulative Mud Volumes

Active Volume (bbl)	Hole Volume (bbl)	Losses (bbl)	Cum Additions (bbl)	Additions (bbl)	Cum Losses (bbl)
1,165.0	0.0	0.0	0.0	0.0	8,947.0

Daily Contacts

Position	Contact Name	Company	Title	Email	Office	Mobile
Eni representative	[redacted]	ENI	[redacted]			
Eni representative	[redacted]	ENI	[redacted]			
Safety Representative	[redacted]	ENI	[redacted]			
Eni representative	[redacted]	ENI	[redacted]			
Eni representative	[redacted]	ENI	[redacted]			
Eni representative	[redacted]	ENI	[redacted]			

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	

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Personnel Log (POB)

Company	Serv. Type	Work H (hr)	Stand-by H (hr)	Count	Note
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	Go Spica	28/03/2023	1/04/2023	BTP location. En route to Darwin
Supply Vessel	Pacific Vulcan	30/03/2023		BTP Location
Supply Vessel	Go Sirius	31/03/2023		BTP Location

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
27/01/2023		15.88	-3.63	0.0	15.88	-3.63	19.51	adjustment

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
31/03/2023	9.22			431.5	577.62	-57.22	203.34	Usable fuel 162.10m3

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
31/03/2023	34.98			2,064.48	3,037.13	213.49	759.16	

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
31/03/2023	21.78			1,101.06	1,278.99	-4.25	182.18	

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 - 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-35%
Inlec & Tubing terminations- 35%
Honeywell Hardware- 95%

Assistant cementer arrived on 31/03/2023.

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