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

Daily Report

Date: 29/03/2023
Report #: 59

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	1,681.00		105.0

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	624,662	53,548,924		

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	3
Safety Meeting	14	26/03/2023	2/04/2023	4
Safety Stand down	5	9/03/2023		
Slickline / Wireline BOP Test	1	19/03/2023	9/04/2023	11
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
Perform Injectivity Test into A2 upper by bullheading with N2 Inject Cleansorb. Evaluate results. Close A2 upper SSD.

24h Summary
Completed N2 spread rig up. R/U Slickline. RIH with 2.75" gauge cutter to 3,120mMDRT. POOH. RIH with 3-1/2" BO shifting tool on standard tool string, verified A4 SSD closed, engaged and and closed A5 SSD. Connected PDHG to SLB well testing unit and recorded pressure build-up data.

Operation at 07.00
Lined up to N2 pump unit. Troubleshot N2 pump unit overheating issue. Bullheaded N2 up to 500scf/min. Monitor well.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.	End Depth (mKB)
00:00	02:00	2.00	2.00	W.T.	P	5	U	Held PJSM. Completed R/U Slickline lubricator to QTS. P/T QTS to 3,500spi/5min- good test. Lined up to cement unit. Flushed lines with 50/50MEG. Closed SFT-MV and P/T lubricator to 300/3,500psi for 5/5min with cement unit against closed well test choke- good test. Opened SFT-MV. Note: At 01:00hours N2 spread R/U complete.	3,529.00
02:00	02:30	0.50	2.50	W.T.	P	5	U	Opened SFT-SV and SFT-MV. M/U 2.75" gauge cutter toolstring. M/U lubricator to slickline BOPs and P/T QTS with hydraulic hand pump to 3,500 psi/5 minutes - good test. SLB Interact streaming data at 02:15hours.	3,529.00

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.	End Depth (mKB)
02:30	05:30	3.00	5.50	W.T.	P	20	U	With XT-SV closed , opened LMV and PMV , XT-KWV remains closed due to leak in XT-KWV gauge manifold. No pressure reading avaliable at XT-KWV due to leak in manifold. Opened XT-SV, allowing MEG to drop / swap out onto TRSV. 1,576 psi seen at WT choke. WHP above TRSV prior to opening pressure being applied to control line1,576psi at 02:50hours . Opened TRSV by applying 7,500psi to control line and allowing TRSV to self-equalise. WHP: 2,271psi, 04:55hours No positive indication of fully open TRSV. Cycled TRSV. WHP: 1,937psi, 05:30hours	3,529.00
05:30	07:45	2.25	7.75	W.T.	P	15	U	RIH 2.75" gauge cutter on slickline to 3,120mMDRT (4m below A5 SSD). Took weight at 3,120m. Observed slight flicker in weight indicator passing through 2,320,5mMDRT (previous HUD for 2.69" powercutter and 2.75" Gauge cutter runs on 21 March 2023) - passed steadily. WHP:1,833psi, no PDHG gauge reading available.XT-KWV:1,856psi POOH 2.75" gauge cutter from 3,120mMDRT to tool catcher.	3,529.00
07:45	10:00	2.25	10.00	W.T.	P	20	U	XT-KWV: 1,807psi. Closed XT-SV. Cold venting permit in place, no boat operations, no crane work. Note: Cold venting operations halted due to Helicopter operations at 08:30hours. Commenced bleeding down well pressure from 1,807psi to 50psi via well test choke. Inflow tested (5 mins allowable pressure increase of 1 % differential pressure) XT-SV for 5 mins- good test. Closed XT-PMV and opened XT-SV with 5 x turns. Inflow tested (5 mins allowable pressure increase of 1 % differential pressure) XT-PMV for 5 mins- good test. Bled down remaining pressure above XT-PMV via well test choke manifold. Closed XT-SV.	3,529.00
10:00	10:45	0.75	10.75	W.T.	P	5	U	Broke out slickline lubricator from slickline BOPs. L/O 2.75" gauge cutter- minimal debris observed. Installed 3-1/2" BO standard up shifting tool (closing) and M/U lubricator. P/T QTS with hydraulic hand pump to 3,500 psi/5 minutes - good test. Opened XT-MV and XT-SV.	3,529.00
10:45	12:15	1.50	12.25	W.T.	P	15	U	RIH with 3-1/2" BO standard up shifting tool (closing) to 3,116m (A5 SSD depth), no indication that A4 SSD (3,002mMDRT) in open position. P/U weight, Hanging weight: 740lbs/700lbs. Jarred up 7x and closed A5 SSD. Performed repeat passx3. On third pass, latched A5 SSD (suspect sand/debris), jarred upx4 and pulled through. WHP dropped from 1,786psi to 1,586psi.	3,529.00
12:15	13:15	1.00	13.25	W.T.	P	15	U	POOH 3-1/2" BO standard up shifting tool (closing) from 3,116mMDRT to tool catcher.	3,529.00
13:15	13:45	0.50	13.75	W.T.	P	20	U	XT-KWV: 1,590psi. Closed XT-SV. Cold venting permit in place, Port aft crane no movement, no hot work on WHP and V107, no Vessel alongside, no helicopter ops). Commenced bleeding down well pressure from 1,590psi to 50psi via well test choke. Inflow tested (5 mins allowable pressure increase of 1 % differential pressure) XT-SV for 5 mins- good test. Closed XT-PMV and opened XT-SV with 5 x turns. Inflow tested (5 mins allowable pressure increase of 1 % differential pressure) XT-PMV for 5 mins- good test. Bled down remaining pressure above XT-PMV via well test choke manifold. Closed XT-SV.	3,529.00
13:45	14:30	0.75	14.50	W.T.	P	5	U	Broke out slickline lubricator from slickline BOPs. L/O 3-1/2" BO standard up shifting tool (closing). Steel pin intact. M/U night cap. P/T same to 3,500psi/5min-good test.	3,529.00
14:30	15:00	0.50	15.00	W.T.	P	20	U	Opened XT-MV, opened XT-SV. Bled off wellhead pressure from 1,550psi to 1,100psi (14:42hours). Wellhead pressure build up to 1,130psi (14:44hours) at 6psi/min and stabilized at a wellhead pressure of 1,119psi (15:00).	3,529.00

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.	End Depth (mKB)
15:00	16:15	1.25	16.25	W.T.	P	20	U	Lost air supply to Onesubsea Control Panel causing SFT-PWV to close. Checked and re-established air pressure supply. Rig air compressor unit found to be overheating and shut down. Closed XT-MV. Re-opened SFT-KWV and monitored pressure build up to ascertain A4 closed. 15:15 WHP:1,115psi 15:27 SFT-PWV open 15:30 WHP: 1,465psi 15:45 WHP:1,558psi 16:00 WHP:1,560psi 16:15 WHP:1,563psi	3,529.00
16:15	17:15	1.00	17.25	W.T.	P	20	U	Discussed with onshore. Decision made to bleed off wellhead pressure by 500psi and monitor build-up to ascertain A4 closed. 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, no helicopter ops). Bled off wellhead pressure from 1,571psi (17:00hours) to 1,555psi (17:15hours), high gas volume inappropriate dfor VST / inlet orifice. Shut in cold venting and proceeded with flaring controls. PDHG data streaming start at 16:08hours. 16:30 PDHG:1,802psi 17:15 PDHG:1,804psi	3,529.00
17:15	19:30	2.25	19.50	W.T.	P	20	U	Held PJSM with rig crew for flowback/flaring to PORT side flare boom. Cold venting permit in place, WHP flame detection inhibits on, water spray & hatch/vent checks performed, all cranes shut down, hot work shut down on WHP and V107, no vessel alongside, no helicopter ops. Opened the well at 19:00. Switched on pilot Ignition system at PORT side burner. Bled off wellhead pressure from 1,573psi to 1,084psi while flaring. Closed well test choke.	3,529.00
19:30	22:30	3.00	22.50	W.T.	P	20	U	Monitored pressure build up. 19:30 WHP:1,098psi PHDG:1,304psi 20:00 WHP: 1,184psi PHDG:1,336psi 20:30 WHP: 1,279psi PHDG:1,444psi 21:00 WHP: 1,338psi PHDG:1,528psi 21:30 WHP: 1,361psi PHDG:1,568psi 22:30 WHP:1,379psi PHDG:1,592psi	3,529.00
22:30	23:00	0.50	23.00	W.T.	P	12	U	Closed SFT-MV. Opened well test choke and bled off wellhead pressure from 1,379psi to 50psi. Inflow tested (5 mins allowable pressure increase of 1 % differential pressure) SFT-MV for 5 mins- good test.	3,529.00
23:00	00:00	1.00	24.00	W.T.	P	12	U	Lined up to cement unit. P/T lines against SFT-KWV to 300/3,500psi for 5/5 minutes with DW- 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	00:30	0.50	24.50	W.T.	P	12	U	P/T N2 lines against closed lo-lorque to 300/3,500psi with DW- good test
00:30	02:15	1.75	26.25	W.T.	P	12	U	Held PJSM. Verify line ups on N2 unit. Started cooling down the IKM N2 Unit in preparation for pressure testing. P/T N2 unit to N2 Manifold with 300/3,500psi for 5/5mins- good test. Recorded on digital gauge. Lined up N2 lines to SFT via KWV to conduct injectivity test for A2 upper.
02:15	02:30	0.25	26.50	W.T.	P	9	U	Applied 1,400psi equalising pressure above SFT MV via N2 unit. Opened SFT-MV. 02:15 N2 Pump Rate 100 scf/min XT-KWV 1,400-1,402psi PDHG 1,616-1,616psi (start-finish)
02:30	04:30	2.00	28.50	W.T.	P	24	TS03	Shut down N2 unit due to overheating. Mechanic troubleshot. Placed a bug blower in cantilever in front of N2 pump radiator to aid in cooling. Attempted to start at 100scf/min. N2 unit automatically shut-down due to low oil warning sensor and high water temperature sensor tripping. Repaired faulty sensors.
04:30	05:15	0.75	29.25	W.T.	P	9	U	Re-started N2 pumping operations. 04:30 N2 Pump Rate 100 scf/min XT-KWV 1,400-1,424psi PDHG 1,615-1,640si (start-finish) 04:40 N2 Pump Rate 200 scf/min XT-KWV 1,424-1,452psi PDHG 1,640-1,676psi (start-finish) 04:50 N2 Pump Rate 300 scf/min XT-KWV 1,452-1,485psi PDHG 1,676-1,717psi (start-finish) 05:00 N2 Pump Rate 500 scf/min XT-KWV 1,485-1,515psi PDHG 1,717-1,754psi (start-finish) Total N2 usage 900gal. 3,500gal N2 usable remaining on deck.
05:15	06:00	0.75	30.00	W.T.	P	20	U	Shut in N2 at unit. Isolated N2 System at SFT lo-torques. Bled down N2 lines. Commenced monitoring well for 3 hours.

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	480.0

Daily Mud Volumes

Tank/Addition/Loss	Type	Des	Volume (bbl)
Tank	Pit#2	RESERVE	
Tank	Pit#3- Base oil/brine	RESERVE	200.0
Tank	Pit#4 - Saraline 185V	OTHER	188.0
Tank	Pit#5 1.1sg NaCl Brine	RESERVE	480.0
Tank	Pit#6 - 1.1 sg NaCl Brine	ACTIVE	260.0
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	272.0
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)
1,220.0	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
BAKER HUGHES INTEQ	MUD ENGINEERS			0	
HALLIBURTON	COMPLETIONS			0	
TFMC	SURFACE WELLHEAD			0	
ACC	SURFACE WELLHEAD			0	
HALLIBURTON	CEMENTERS			1	
AME	WELLTEST SPREAD			1	
SCOTTECH	FILTRATION			1	
Halliburton	Completions			1	
ONESUBSEA	FLOW TREE			2	
SCANTECH	DELUGE			3	
IKM	NITROGEN PUMPING			4	
SCHLUMBERGER	SLICKLINE/E-LINE			6	
KENT	Platform construction			8	
ENI	COMPANY			10	
SCHLUMBERGER	WELL TEST			11	
VALARIS	JACK UP			57	

Support Vessels

Vessel Type	Vessel Name	Arrival Date	Depart Date	Note
Supply Vessel	Go Sirius	23/03/2023		BTP Location
Supply Vessel	Go Spica	28/03/2023		BTP Location
Supply Vessel	Pacific Vulcan	29/03/2023		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
28/03/2023			58.0	5,323.33	5,653.33	58.0	272.0	adjustment from BT P1 WO
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:** m^3		**Unit Size:**		**Note:**	
Date	**Consumed**	**Received**	**Returned**	**Cum Consumed**	**Cum Received**	**Cum Returned**	**Cum On Loc**	**Note**
29/03/2023	10.02		-6.36	415.76	577.62	-57.22	219.08	Usable fuel 177.84m3- adjustment
Supply Item Description: Drilling Water			**Unit Label:** m^3		**Unit Size:**		**Note:**	
Date	**Consumed**	**Received**	**Returned**	**Cum Consumed**	**Cum Received**	**Cum Returned**	**Cum On Loc**	**Note**
28/03/2023	4.61	186.33	99.2	1,964.95	3,037.13	213.49	858.69	adjustment from BT P1 WO
Supply Item Description: Potable Water			**Unit Label:** m^3		**Unit Size:**		**Note:**	
Date	**Consumed**	**Received**	**Returned**	**Cum Consumed**	**Cum Received**	**Cum Returned**	**Cum On Loc**	**Note**
29/03/2023	14.2	35.96		1,063.06	1,278.99	-4.25	220.18	

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 - 671psi.

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

Kent construction update:
XT spools- 65%
Final Hook up spools & Choke-35%
Inlec & Tubing terminations- 28%
Honeywell Hardware- 95%

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