



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

Daily Report

Date: 30/03/2023
 Report #: 60
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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	Rig Release Date						
Daily Information														
Weather Fine		Temperature (°C) 30.0		Wind 2 knots		Days LTI (days) 1,678.00	Days RI (days)	POB 106.0						
Cost Summary														
Job Account		Currency Code USD		Total AFE Amount (Cost) 40,867,646		Daily Cost (Cost) 681,484	Cumulative Cost (Cost) 54,230,408	Daily Mud Field Est (Cost)						
Main Operation														
Safety Incidents - Near Miss														
Date		Category		Type		Subtype	Severity	Cause						
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 16 14 5 1 2 9 10	17/01/2023 10/02/2023 27/01/2023 25/03/2023 26/03/2023 9/03/2023 19/03/2023 12/01/2023 15/02/2023 11/03/2023	1/04/2023 2/04/2023 9/04/2023	2 3 10						
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						
Daily Summary Operations														
24h Forecast Pump a further 100bbl 1.1sg Cleansorb. Inject into formation using N2. Monitor well. Close A2 upper SSD. Inject brine into A3 with N2.														
24h Summary Performed Injectivity Test into A2 upper by pumping N2. Prepared Cleansorb breaker. Pumped 10bbl of 1.1sg filtered NaCl followed by 30bbl of 1.1sg Cleansorb breaker. Monitored well.														
Operation at 07:00 Pump a further 100bbl 1.1sg Cleansorb. Inject Cleansorb with N2. Monitor well. Bled off wellhead pressure to 1,700psi.														
Time Log														
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.						
00:00	00:30	0.50	0.50	W.T.	P	1	U	P/T N2 lines against closed lo-torque to 300/3,500psi with DW (including pop-off valve)- good test. NRV not tested.						
00:30	02:15	1.75	2.25	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	2.50	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 1,400-1,424psi PDHG 1,615-1,640psi (start-finish)						
02:30	04:30	2.00	4.50	W.T.	P	24	TS03	Shut down N2 unit due to overheating. Mechanic troubleshoot. 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	5.25	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 1,615-1,640psi (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. 3,350gal N2 usable remaining on deck.						

Time Log									
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.	End Depth (mKB)
05:15	12:45	7.50	12.75	W.T.	P	20	U	Shut in N2 at unit. Isolated N2 System at SFT lo-torques. Bled down N2 lines. Commenced monitoring well. 05:15: XT-KWV: 1,512psi. DHPG: 1,720psi. 06:15: XT-KWV: 1,497psi. DHPG: 1,732psi. 07:15: XT-KWV: 1,490psi. DHPG: 1,725psi. 08:15: XT-KWV: 1,488psi. DHPG: 1,723psi. 09:15: XT-KWV: 1,488psi. DHPG: 1,723psi. 10:15: XT-KWV: 1,488psi. DHPG: 1,723psi. 11:15: XT-KWV: 1,489psi. DHPG: 1,724psi. 12:15: XT-KWV: 1,490psi. DHPG: 1,724psi. Closed SFT-MV. Concurrently, prepared Drillers Instructions/ Forward plan for A2 upper stimulation. Prepared fluids/ pit management for Orca Treatment (Cleansorb) of A2 upper.	3,529.00
12:45	16:30	3.75	16.50	W.T.	P	9	U	Held PJSM. Verified N2 converter KO set to 3,400psi- good function test. Applied 1,500psi equalising pressure above SFT MV via N2 unit. Opened SFT-MV. Re-started N2 pumping operations. 13:05 N2 Pump Rate 100 scf/min XT-KWV 1,488-1,498psi PDHG 1,725-1,736psi (start-finish) 13:15 N2 Pump Rate 200 scf/min XT-KWV 1,498-1,505psi PDHG 1,736-1,743psi (start-finish) 13:25 N2 Pump Rate 300 scf/min XT-KWV 1,505-1,521psi PDHG 1,743-1,764psi (start-finish) 13:35 N2 Pump Rate 500 scf/min XT-KWV 1,521-1,529psi PDHG 1,764-1,774psi (start-finish) 14:28 N2 Pump Rate 700 scf/min XT-KWV 1,529-1,580psi PDHG 1,774-1,872psi (start-finish) 16:17 Stopped pumping. Total N2 usage 1,310 gal. 1,700gal N2 usable remaining on deck.	3,529.00
16:30	19:30	3.00	19.50	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 while filtering brine, flushing lines & mixing Clean-sorb breaker. 16:30: XT-KWV: 1,532psi. DHPG: 1,816psi. 17:00: XT-KWV: 1,508psi. DHPG: 1,784psi. 17:30: XT-KWV: 1,506psi. DHPG: 1,784psi. 18:00: XT-KWV: 1,508psi. DHPG: 1,792psi. 18:30: XT-KWV: 1,511psi. DHPG: 1,792psi. 19:00: XT-KWV: 1,513psi. DHPG: 1,792psi. 19:30: XT-KWV: 1,515psi. DHPG: 1,792psi.	3,529.00
19:30	21:45	2.25	21.75	W.T.	P	20	U	Completed mixing and prepared to pump 1.1sg 158bbl Cleansorb breaker, pH=6.68. Concurrently, monitored well. 20:00: XT-KWV: 1,516psi. DHPG: 1,792psi. 20:30: XT-KWV: 1,518psi. DHPG: 1,800psi. 21:00: XT-KWV: 1,519psi. DHPG: 1,800psi. 21:30: XT-KWV: 1,520psi. DHPG: 1,800psi. Recorded TSS readings. No.1 0.016 % No.2 0.017 % No.3 0.016 %	3,529.00
21:45	22:30	0.75	22.50	W.T.	P	9	U	Lined up to cement unit. Applied 1,518psi equalising pressure above SFT MV via cement unit. Opened SFT-MV. Pumped 10bbl of 1.1sg of NaCl at 1bpm/1,534psi filtered brine followed by 30bbl of 1.1sg Cleansorb breaker at 1bpm/1,500-1,345psi.	3,529.00
22:30	23:45	1.25	23.75	W.T.	P	20	U	Commenced monitoring well. 22:30: XT-KWV: 1,373psi. DHPG: 2,040psi. 23:00: XT-KWV: 1,375psi. DHPG: 2,000psi. 23:30: XT-KWV: 1,390psi. DHPG: 1,992psi.	3,529.00
23:45	00:00	0.25	24.00	W.T.	P	9	U	No injection of Cleansorb taking place. Decision made to halt monitoring and proceed with pumping remaining Cleansorb pill. Commenced pumping 1.1sg Cleansorb breaker at 1bpm/1,410psi. Total 15bbl pumped. 00:00: XT-KWV: 1,399psi. DHPG: 2,064psi.	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	01:45	1.75	25.75	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. Estimate volume of Cleansorb in the tubing 21.5bbls with 3bbl of brine above. 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
01:45	02:30	0.75	26.50	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.
02:30	05:15	2.75	29.25	W.T.	P	9	U	Re-started N2 pumping operations. 02:35 Commenced N2 pumping at 700scf/min. 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.

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Operation from 00:00 to 06:00											
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Opr.	Act.	Plan	Oper. Descr.			
05:15	06:00	0.75	30.00	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. Prepare 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).			
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 ²)	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 1.1sg NaCl Brine	RESERVE		480.0					
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			DESILITER	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							
Hole			1.1 sg NaCl Brine	ACTIVE							
Cumulative Mud Volumes											
Active Volume (bbl) 1,220.0	Hole Volume (bbl) 0.0	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					
HALLIBURTON		COMPLETIONS			0						
TFMC		SURFACE WELLHEAD			0						
ACC		SURFACE WELLHEAD			0						
HALLIBURTON		CEMENTERS			1						
BAKER HUGHES INTEQ		MUD ENGINEERS			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			11						
SCHLUMBERGER		WELL TEST			11						
VALARIS		JACK UP			56						
Support Vessels											
Vessel Type	Vessel Name	Arrival Date	Depart Date	Note							
Supply Vessel	Go Spica	28/03/2023		BTP Location							
Supply Vessel	Pacific Vulcan	29/03/2023		Darwin Supply Base							
Supply Vessel	Go Sirius	30/03/2023		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						

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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 0.0	Returned 84.39	Cum Received 84.39	Cum Returned 0.0	Cum On Loc 84.39	Note
Supply Item Description: Base Oil Unit Label: BBL Unit Size: Note:							
Date 5/03/2023	Consumed 270.0	Received 300.0	Returned 570.0	Cum Received 570.0	Cum Returned 0.0	Cum On Loc 270.0	Note
Supply Item Description: Brine Unit Label: bbl Unit Size: Note:							
Date 30/03/2023	Consumed 88.0	Received 5,323.33	Returned 5,741.33	Cum Received 5,741.33	Cum Returned 58.0	Cum On Loc 360.0	Note
Supply Item Description: CaCO3 Unit Label: tonnes Unit Size: Note:							
Date 2/03/2023	Consumed 8.17	Received 8.17	Returned 77.59	Cum Received 77.59	Cum Returned 0.0	Cum On Loc 69.42	Note
Supply Item Description: Cement G Unit Label: tonnes Unit Size: Note:							
Date 27/01/2023	Consumed 72.6	Received -5.0	Returned 0.0	Cum Received 72.6	Cum Returned -5.0	Cum On Loc 77.6	Note adjustment
Supply Item Description: Cement HTB Unit Label: tonnes Unit Size: Note:							
Date 27/01/2023	Consumed 15.88	Received -3.63	Returned 0.0	Cum Received 15.88	Cum Returned -3.63	Cum On Loc 19.51	Note adjustment
Supply Item Description: Diesel Fuel Unit Label: m³ Unit Size: Note:							
Date 30/03/2023	Consumed 6.52	Received 422.28	Returned 577.62	Cum Received 577.62	Cum Returned -57.22	Cum On Loc 212.56	Note Usable fuel 171.32m³
Supply Item Description: Drilling Water Unit Label: m³ Unit Size: Note:							
Date 30/03/2023	Consumed 64.55	Received 2,029.5	Returned 3,037.13	Cum Received 3,037.13	Cum Returned 213.49	Cum On Loc 794.14	Note
Supply Item Description: Potable Water Unit Label: m³ Unit Size: Note:							
Date 30/03/2023	Consumed 16.22	Received 1,079.28	Returned 1,278.99	Cum Received 1,278.99	Cum Returned -4.25	Cum On Loc 203.96	Note
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 incidents.			
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 - 669psi.							
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- 30% Honeywell Hardware- 95%							
Last WL/SL BOP test: 19/03/2023, next due date: 9/4/2023							